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The World

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Almanac and Encyclopedia

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JANUARY 1903.
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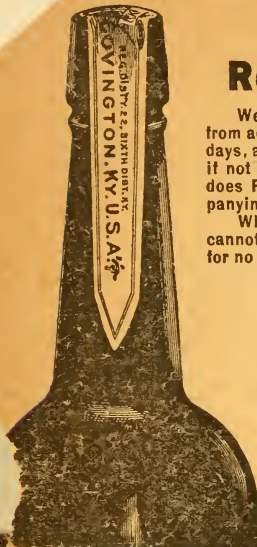
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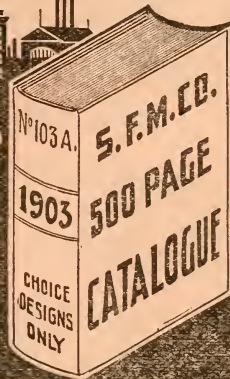
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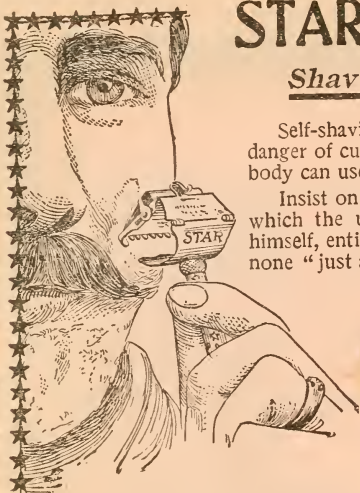
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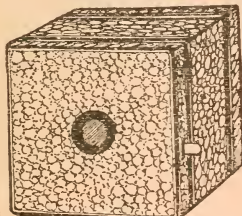
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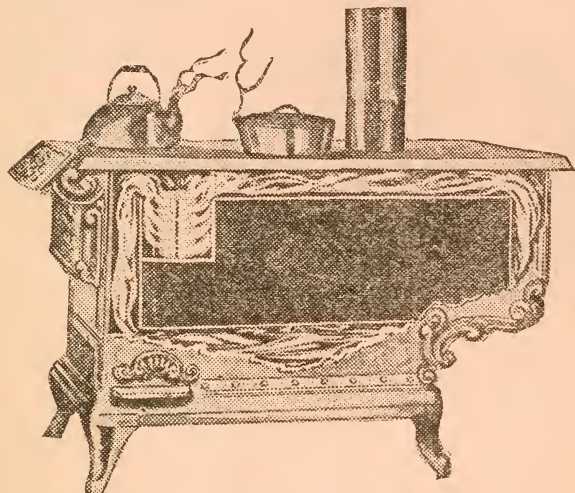
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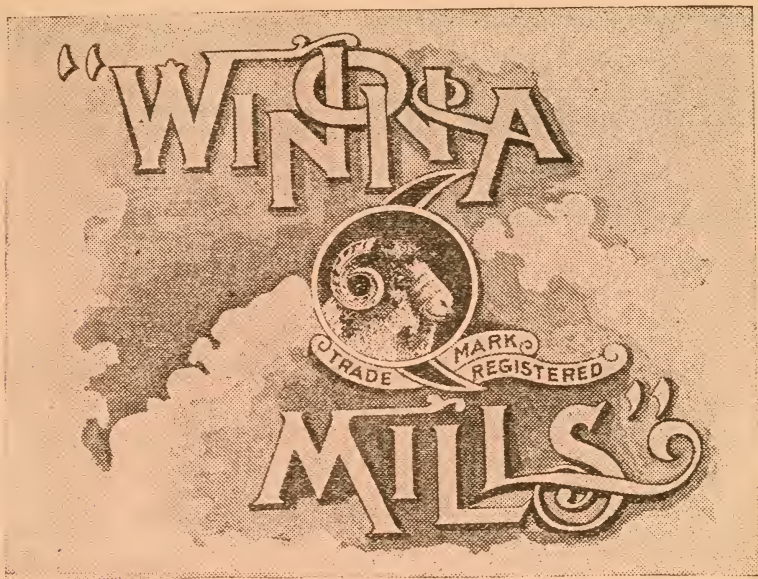
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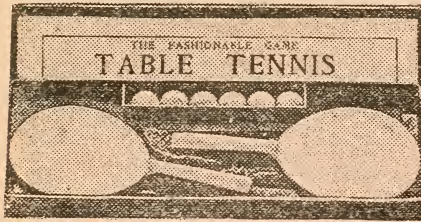


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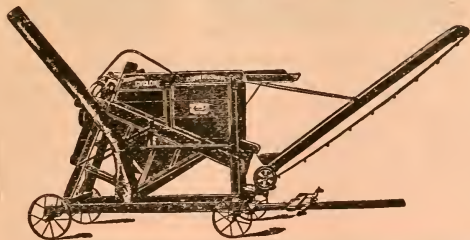
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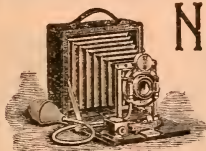


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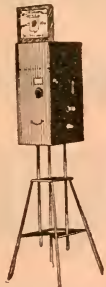
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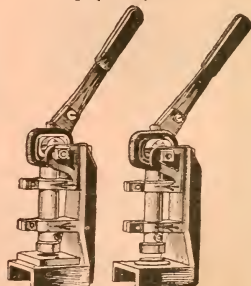
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We are the only distillers in this country selling direct to consumers. *distillers and have no connection with a distillery.* For proof, you need not take our their whiskey as much as they like and call it any age, for unfortunately the govern for profit, so when they offer eight to twelve-year-old whiskey for the same or less **whiskey is not the age they claim, and is adulterated and watered.** The you want honest whiskey, direct from our own distillery to you, with all its original **GUARANTEE of PURITY and AGE,** and saving the dealers' enormous profits, then full, and the proud reputation of thirty-six years of continuous success. We have

Direct from our Distillery to YOU.



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EXPRESS CHARGES

OUR OFFER We will send you **FOUR FULL QUART BOTTLES** of HAYNER'S you don't find it all right and as good as you ever used or can buy returned to you by next mail. How could an offer be fairer? We take all the risk and stand plain sealed case; no marks to show what's inside.

Orders for Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, 20 Quarts for \$16 00 by Freight Prepaid.

SPECIAL NOTICE.—A HAYNER QUART is a full quart, an honest quart, four to the We give full measure, 25 per cent more than others, reducing our price just that much. If you

Established 1866.

DAYTON, OHIO.

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THE HAYNER DIST
ST. LOUIS, MO.

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Like every success, we have imitators who "claim" to be distillers. *They are not word.* Just see government reports. *They are simply dealers,* and can "doctor" ment does not control dealers as it does distillers. Now these dealers are in business money than we, as *distillers,* can sell seven-year-old, the inference is plain. **Their** cheaper they sell, the more water and adulteration you get. *Beware of imitators.* If strength, richness, and flavor, calling a UNITED STATES REGISTERED DISTILLER'S accept our offer, which is backed by a company with a capital of \$500,000.00 paid in over a quarter of a million satisfied customers. Your money back if you're not satisfied.

Saves Dealers' Profits. Prevents Adulteration.

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YEAR-OLD RYE

ARTS \$ **3**.20

PAID BY US

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ILLING COMPANY,
ST. PAUL, MINN.

xvii

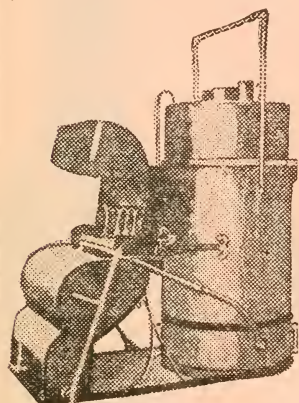
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A PIPE DELIVERED GAS.

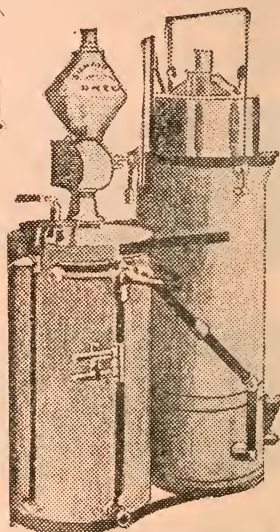
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THE "SUBMARINE"

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Machine—extracts
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it for use—this is
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THE "OMEGA" is a Positive Carbide Feed
Machine and makes gas as it is used—with a
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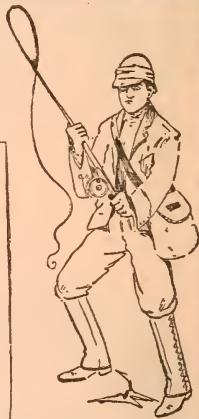
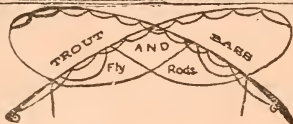
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Feed Lump Carbide, which yields from 10 to 25 per cent more and better gas than quarter-inch carbide. Our **AUTOMATIC WATER FEED AND RESIDUUM DISCHARGE** plants are unequalled for Factory, Hotel, and Town Lighting. If you wish to know all about Acetylene and why DAVIS GENERATORS are **the best**, write for catalogue.

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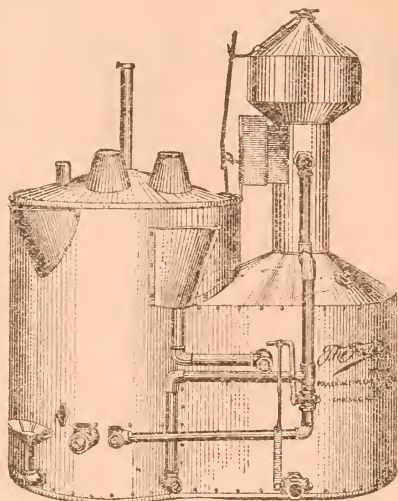


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RESIDENCES,
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Is a modern up-to-date machine, reliable and satisfactory to all users. . . .

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- Publishers Daily and Weekly Sun, Printing Establishment, Waukegan, Ill. One 60-light plant.
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Cheaper than Gas or Electricity.**

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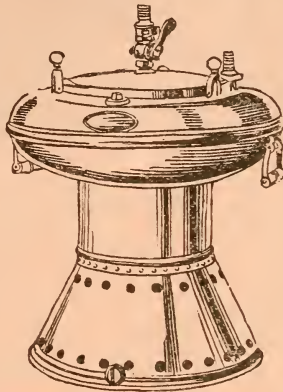
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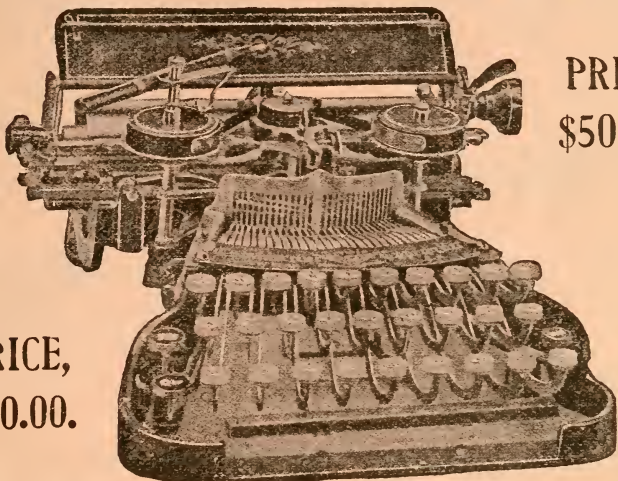
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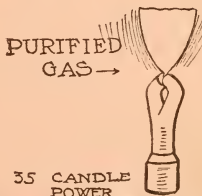
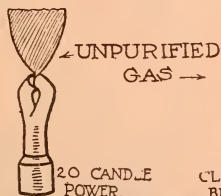
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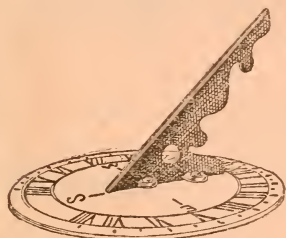


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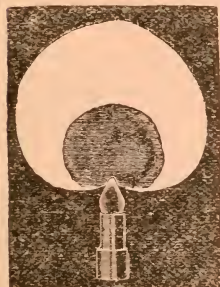
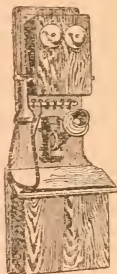
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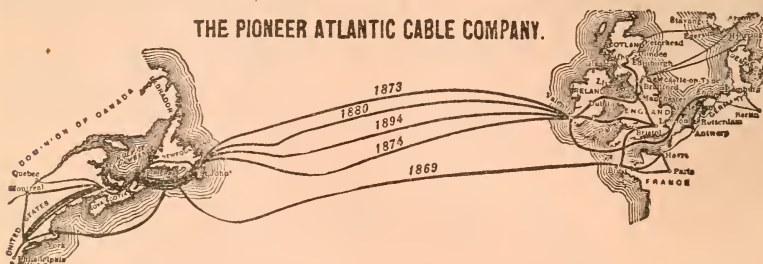
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| 42 " " . . . . .          |                          | 56 " " . . . . .          |                          |
| 44 " " . . . . .          |                          | 60 " " . . . . .          |                          |
| 46 " " . . . . .          |                          | 75 " " . . . . .          |                          |
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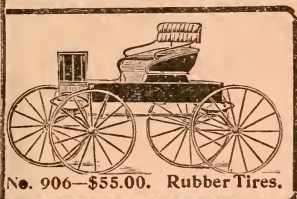
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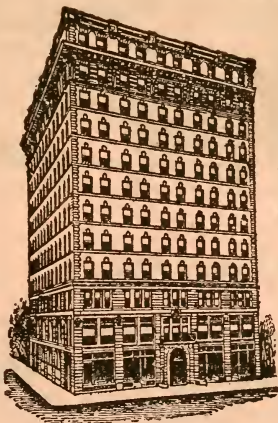
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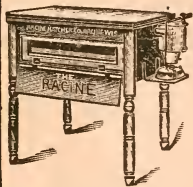
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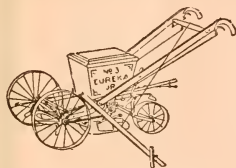
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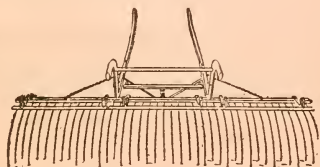


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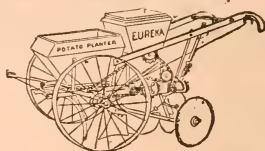
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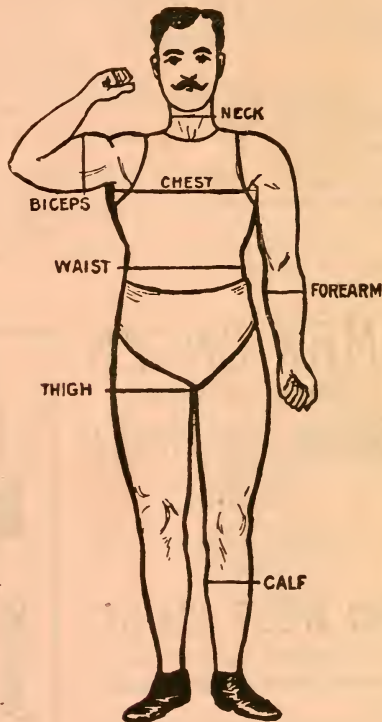
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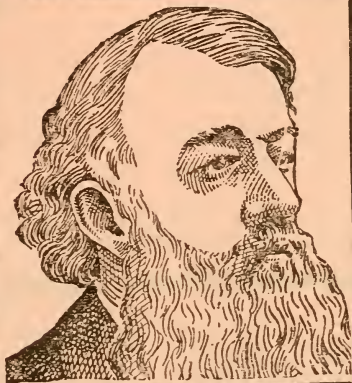
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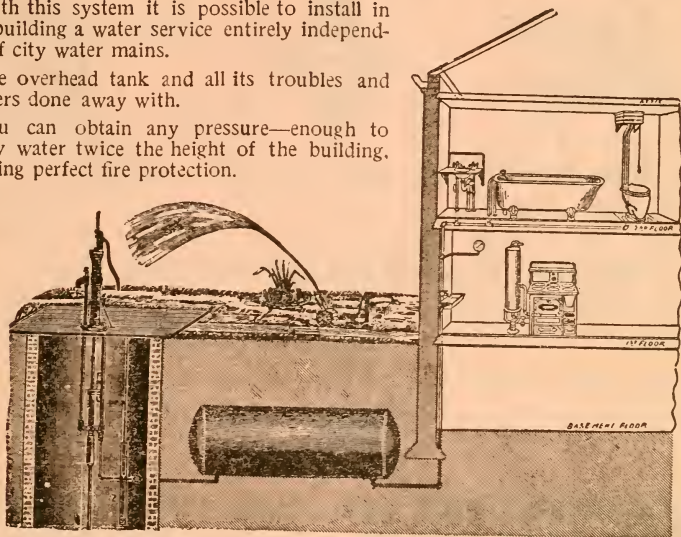
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With this system it is possible to install in any building a water service entirely independent of city water mains.

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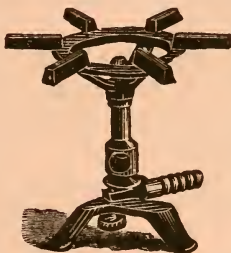
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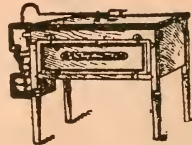
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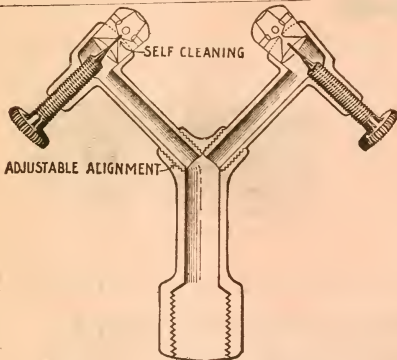
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Gives 6000 BRILLIANT ELECTRIC LIGHTS of average duration before renewing battery.

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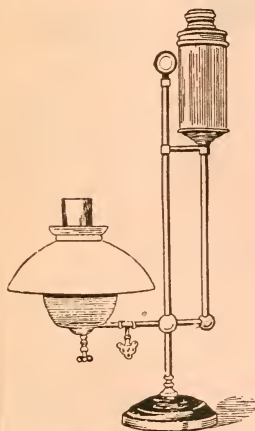
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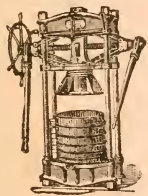
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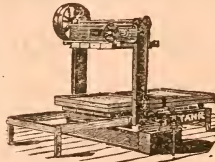
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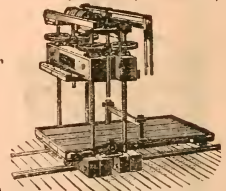
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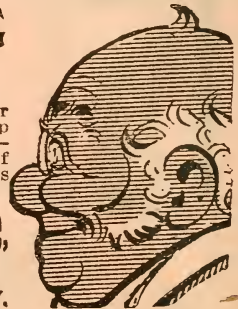
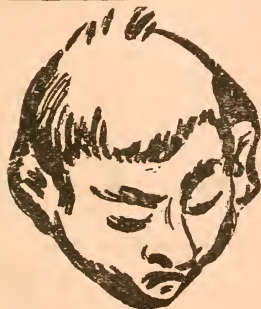
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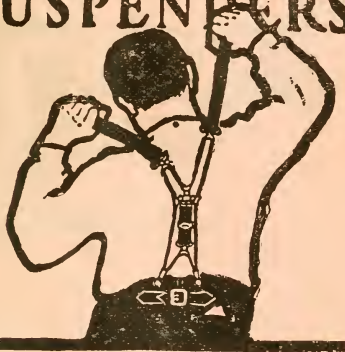
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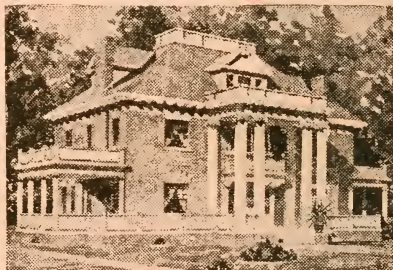


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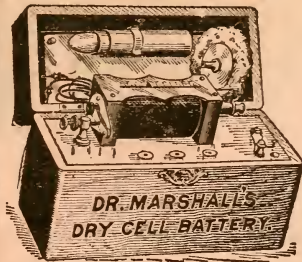
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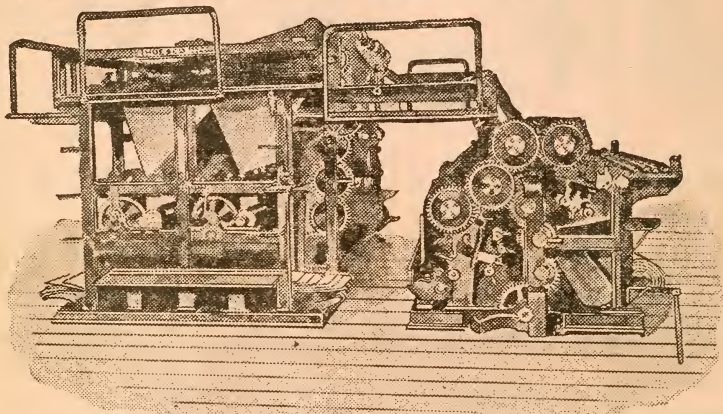
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## Area of the Great Lakes of the United States.

|                                    | Superior. | Michigan. | Huron.  | Erie.   | Ontario. |
|------------------------------------|-----------|-----------|---------|---------|----------|
| Greatest length in miles           | 390       | 345       | 270     | 250     | 190      |
| Greatest breadth in miles          | 160       | 84        | 105     | 60      | 52       |
| Greatest depth in feet             | 900       | 1,800     | 1,000   | 204     | 412      |
| Area in square miles               | 32,000    | 22,400    | 23,000  | 10,000  | 6,700    |
| Drainage in square miles           | 85,000    | 70,040    | 74,000  | 39,680  | 29,760   |
| Height above sea-level in feet.    | 600       | 578       | 574     | 564     | 234      |
| Latitude, degrees north.           | 46° 45'   | 41° 15'   | 43° 20' | 41° 20' | 43° 10'  |
|                                    | 48° 50'   | 45° 55'   | 46° 10' | 42° 50' | 44° 10'  |
| Longitude, degrees west.           | 84° 30'   | 84° 00'   | 80° 10' | 78° 35' | 76° 20'  |
|                                    | 92° 15'   | 87° 08'   | 84° 30' | 83° 10' | 79° 50'  |
| Boundary line in miles.            | 300       | None      | 220     | 200     | 160      |
| United States shore line in miles. | 955       | 1,320     | 510     | 370     | 230      |

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# The Up-to-Date Method

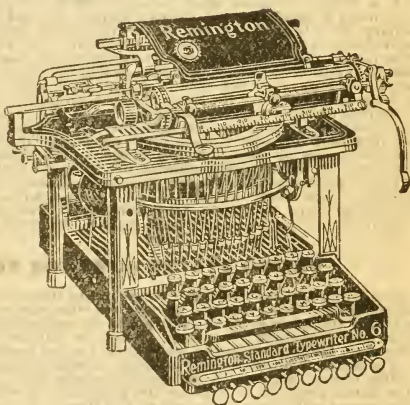
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## Soldiers' Homes.

LOCATIONS OF HOMES FOR DISABLED UNITED STATES SOLDIERS AND SAILORS, AND REGULATIONS  
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### NATIONAL HOME FOR DISABLED VOLUNTEER SOLDIERS.

*President of the Board of Managers*.....General Martin T. McMahon, New York City, N. Y.

*Secretary*.....Colonel George W. Steele, Marion, Ind.

*General Treasurer*.....Major Moses Harris, New York City, N. Y.

There are branches of the National Home at Dayton, O.; Milwaukee, Wis.; Togus, Me.; Hampton, Va.; Leavenworth, Kan.; Santa Monica, Cal.; Marion, Ind., and Danville, Ill. The aggregate number of members cared for is about 29,000.

#### REQUIREMENTS FOR ADMISSION.

1. An honorable discharge from the United States service.
2. Disability which prevents the applicant from earning his living by labor.
3. Applicants for admission will be required to stipulate and agree to abide by all the rules and regulations made by the Board of Managers, or by its order; to perform all duties required of them, and to obey all the lawful orders of the officers of the Home. Attention is called to the fact that by the law establishing the Home the members are made subject to the Rules and Articles of War, and will be governed thereby in the same manner as if they were in the Army of the United States.
4. A soldier or sailor must forward with his application for admission his Discharge Paper, and when he is a pensioner, his Pension Certificate, and if he has been a member of a State Home, his discharge from that Home, before his application will be considered; which papers will be retained at the branch to which the applicant is admitted, to be kept there for him, and returned to him when he is discharged. This rule is adopted to prevent the loss of such papers and certificates, and to hinder fraudulent practices; and no application will be considered unless these papers are sent with it. If the original discharge does not exist, a copy of discharge, certified by the War or Navy Department, or by the Adjutant-General of the State, must accompany the application.

Soldiers or sailors whose pensions exceed \$16 a month are not eligible to the Home unless the reasons are peculiar, and are explained to the manager and are satisfactory to him. Those who have been members of State Homes must have been discharged from those Homes at least six months before they can be admitted to a branch of the National Home, except by a vote of the Board of Managers. Applicants are requested to conform strictly to the above requirements.

There are State Homes for disabled volunteer soldiers provided by the States of California, Colorado, Connecticut, Idaho, Illinois, Indiana, Iowa, Kansas, Massachusetts, Michigan, Minnesota, Missouri, Montana, Nebraska, New Hampshire, New Jersey, New York, North Dakota, Ohio, Oregon, Pennsylvania, Rhode Island, South Dakota, Vermont, Washington, Wisconsin, and Wyoming.

### UNITED STATES HOME FOR REGULAR ARMY SOLDIERS.

The United States Soldiers' Home in the District of Columbia receives and maintains discharged soldiers of the regular army. All soldiers who have served twenty years as enlisted men in the army (including volunteer service, if any), and all soldiers of less than twenty years' service who have incurred such disability, by wounds, disease, or injuries *in the line of duty while in the regular army*, as unfit them for further service, are entitled to the benefits of the Home.

A pensioner who enters the Home may assign his pension, or any part of it, to his child, wife, or parent, by filing written notice with the agent who pays him. If not so assigned, it is drawn by the treasurer of the Home and held in trust for the pensioner, to whom it is paid in such sums as the commissioners deem proper while he is an inmate of the Home, the balance being paid in full when he takes his discharge and leaves the Home.

Inmates are subject to the Rules and Articles of War, the same as soldiers in the army. They are comfortably lodged, fed, and clothed, and receive medical attendance and medicine, all without cost to them. There are 1,250 men now receiving the benefits of the Home.

The Board of Commissioners consists of "the General-in-Chief commanding the army, the Surgeon-General, the Commissary-General, the Adjutant-General, the Quartermaster-General, the Judge-Advocate-General, and the Governor of the Home."

Applications for admission to the Home may be addressed to the "Board of Commissioners, Soldiers' Home, War Department, (Washington City, D. C.," and must give date of enlistment and date of discharge, with letter of company and number of regiment for each and every term of service, and rate of pension, if any, and must be accompanied by a medical certificate showing nature and degree of disability if any exists.

### STATE HOMES FOR DISABLED VOLUNTEER SOLDIERS.

| STATES.             | Location.        | STATES.            | Location.    |
|---------------------|------------------|--------------------|--------------|
| California .....    | Yountville.      | New Jersey .....   | Kearny.      |
| Colorado .....      | Monte Vista.     | New York .....     | Bath.        |
| Connecticut .....   | Noroton Heights. | North Dakota ..... | Lisbon.      |
| Delaware .....      | Milford.         | Ohio .....         | Sandusky.    |
| Idaho .....         | Boise City.      | Oregon .....       | Roseburg.    |
| Illinois .....      | Quincy.          | Pennsylvania ..... | Erle.        |
| Indiana .....       | Lafayette.       | Rhode Island ..... | Bristol.     |
| Iowa .....          | Marshalltown.    | South Dakota ..... | Hot Springs. |
| Kansas .....        | Fort Dodge.      | Vermont .....      | Bennington.  |
| Massachusetts ..... | Chelsea.         | Washington .....   | Orting.      |
| Michigan .....      | Grand Rapids.    | Wisconsin .....    | Waupaca.     |
| Minnesota .....     | Minnehaha.       | Wyoming .....      | Cheyenne.    |
| Nebraska .....      | Grand Island.    |                    |              |
| New Hampshire ..... | Tilton.          |                    |              |



## Occurrences During Printing.

SOME weeks are occupied in printing a volume so bulky as *THE WORLD ALMANAC*, and it is necessarily put to press in parts or "forms." Changes are in the mean time occurring. Advantage is taken of the going to press of the last form to insert information of the latest possible date which is done below. The readers of the *ALMANAC* are requested to observe these additions, corrections, and changes, and it would be well to make note of them on the pages indicated.

96. Woman's Suffrage: The New Hampshire Constitutional Convention, December 11, adopted a woman's suffrage amendment by a vote of 145 to 92, and then reconsidered its action.
- The New York State Association opposed to the extension of the suffrage to women at its annual meeting elected Mrs. Lyman Abbott President in place of Mrs. Francis M. Scott.
104. Two United States Senators are also to be elected in 1903 from Delaware to fill vacancies, one term expiring in 1905 the other in 1907.
116. Lloyd C. Griscom, of Pennsylvania, appointed Minister to Japan, vice Buck, deceased; Richmond Pearson, of North Carolina, Minister to Persia, vice Griscom, transferred to Japan.
127. American Federation of Labor at its annual meeting at New Orleans, November 22, re-elected its old board of officers, headed by Samuel Gompers as President. It was voted to hold the next convention in Boston.
128. Knights of Labor: The General Assembly, in November, 1902, elected John W. Hayes Grand Master Workman, Isaac A. Sanderson, General Worthy Foreman, and I. D. Chamberlain, General Secretary-Treasurer, 43 B Street, Washington, D. C., to serve two years.
167. Bonded Debt of North Carolina, December, 1902: Interest-bearing debt, \$6,289,100; total interest and non-interest bearing debt, \$6,527,770.
172. Price of Silver: The price of silver declined, November 26, in London to 21½¢ per ounce, the lowest point on record. The mints of Siam have closed to the free coinage of silver, and Mexico will probably go on a gold basis.
176. Stock List and Prices of Stocks: Between November 15 and December 13, 1902, there was a decline in the stock market, and the following leading stocks touched lower prices than those quoted on pages 176-179, prices being given: Canada Southern, 75; Chicago Great Western, 22; Denver and Rio Grande, 35¼; Des Moines and Fort Dodge, 35; Erie, 28½; Erie first preferred, 60½; Erie second preferred, 41½; Iowa Central, 35½; Lake Erie and Western, 39½; Minneapolis and St. Louis, 105; New Jersey Central, 165; New York, Chicago and St. Louis preferred, 110½; St. Louis and San Francisco first preferred, 77; Union Pacific, 93½; United States Steel, 29¾; United States Steel preferred, 79; Wabash preferred, 37.
182. Production of crude petroleum in the world in 1901 in barrels of 42 gallons approximately: United States, 69,389,194; Canada, 704,872; Peru, 72,261; Russia, 85,168,556; Galicia, 3,251,544; Sumatra, Java and Borneo, 3,638,700; Roumania, 1,406,160; India, 1,430,716; Japan, 600,000; Germany, 313,630; Italy, 10,100; total, 1,165,385,733.
191. Principal Railroad Systems: Atlantic Coast Line. New officers elected November 17, 1902: R. G. Erwin, of New York, President; Alexander Hamilton, of Virginia, First Vice-President; C. S. Gadsden, of South Carolina, Second Vice-President; T. M. Emerson, Third Vice-President.
217. Grain Production in the United States for the year 1901: Corn, 1,522,519, 891 bushels; wheat, 748,460, 218 bushels; oats, 736,908, 724 bushels; barley, 109,932, 924 bushels; rye, 30,344, 830 bushels; buckwheat, 15,125, 939 bushels; Irish potatoes, 187,598, 087 bushels; hay, 187,598, 087 tons.
265. Nobel Prizes: December 10 the physics prizes were divided between the Dutch professors Lorenz and Zeeman. The chemical prize was awarded to Professor Emil Fisher, of Berlin; the literary prize to Professor Mommsen, the medical prize to Ross, principal of the Liverpool School of Tropical Medicine, and the peace prize to Professor De Martens.
272. Alaska Geographical Society: The officers are: Arthur C. Jackson, Seattle, Wash., President; Harrington Emerson, Secretary; Mrs. Isabella C. Jackson, Corresponding Secretary; Prof. F. I. Mosen, Foreign Secretary. Membership, 1,300.
273. American Public Health Association: At the annual meeting held December 10 the following officers were elected: President, Dr. Walter Wyman, Washington, D. C.; First Vice-President, Dr. C. P. Wilkerson, New Orleans, La.; Second Vice-President, Dr. John L. Leal, Paterson, N. J.; Treasurer, Dr. Frank W. Wright, New Haven, Ct.; Secretary, Dr. Charles O. Probst, Columbus, O.
323. Christian Science: Number of churches, December, 1902, 535; number of unorganized societies, 190; number of practitioners, 3,622.
353. The Census Office, 1900, gives the area of Continental United States, including Alaska, as 3,616,484 square miles. Hawaii, 6,449 square miles.
353. Statistics of Countries of the World: See note below to page 373 for latest reports of population of certain South American countries.
354. Spanish Ministry: General Linares succeeds General Weyer as Minister of War, Señor Toca becomes Minister of Marine, and Señor Maura Minister of the Interior.
373. Central and South American Trade: Later figures reported by the Bureau of American Republics: Argentine Republic, 1901, imports gold \$113,959,749, exports gold \$187,716,102; Brazil, 1901, imports national currency \$415,053,576, exports national currency \$860,826,968; Chile, 1901, imports gold pesos 139,300,766, exports gold pesos 171,844,976; Mexico, fiscal year 1901, imports silver \$251,448,343, exports silver \$138,454,435.
373. Population of Latin American Republics: The Brazilian census of 1900 reports the population at 21,565,000. The directors of the national census of Brazil give the census of 1900 at about 3,000,000. Honduras reports population, 1901, 744,901.
396. Pension Agents: Daniel R. Collier appointed at Louisville; John R. King at Washington, D. C.

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**The Famous Old People of 1903.**

- Age.* (Age at the last birthday is given. The list was made up for January 1, 1903.)
103. Hiram Cronk, last surviving pensioner of the War of 1812.
  96. Ernest W. G. E. Legouve, oldest French Academician.
  93. Cassius M. Clay, Admiral Keppel, R. N.
  92. Pope Leo XIII.
  90. Samuel Smiles, biographer; Bishop Clark, of Rhode Island; ex-Senator John H. Reagan, of Texas; William Ely Starr, actuary.
  88. Baroness Burdett-Coutts.
  87. Adolf Menzel, German painter.
  86. Ex-Senator Dawes, Daniel Huntington, painter; Parke Godwin, Russell Sage, Josiah Crosby, of Maine.
  85. Professor Mommsen, historian; King Christian of Denmark, Sir Joseph Hooker, botanist; Erastus Dow Palmer, sculptor, of Albany, N. Y.; George F. Watts, R. A.
  84. Professor Bain, ex-Secretary Boutwell, Bishop Watson, of East Carolina.
  83. General Longstreet, Duke of Cambridge, Julia Ward Howe, Bishop Huntington.
  82. Herbert Spencer, John Tenniel, cartoonist; Florence Nightingale, Princess Mathilde Bonaparte, Susan B. Anthony.
  81. Sir William H. Russell, journalist; Sir Charles Tupper, Ristori, tragic actress; Mrs. G. H. Gilbert, actress.
  80. Edward Everett Hale, Professor Alfred R. Wallace, Abram S. Hewitt, Rev. Henry M. Field, Donald G. Mitchell, Rev. Dr. Theodore L. Cuyler, William R. Alger.
  79. Thomas Wentworth Higginson, Professor Goldwin Smith, ex-Speaker Grow, Rev. Dr. Robert Collyer.
  78. Professor Huggins, astronomer; Eastman Johnson, painter; ex-Vice-President Levi P. Morton. George Macdonald, novelist; Senator Morgan, Lord Kelvin, Professor Doremus.
  77. Sir William Aitken, pathologist; Richard H. Stoddard, poet; Professor March, philologist; ex-President Paul Kruger.
  76. Karl Blind, ex-Empress Eugenie, Senator Hoar.
  75. Sir William Harcourt, statesman; Pere Hyacinthe, General Lew Wallace, Sagasta, Spanish statesman; J. H. Stoddard, comedian; Marquis of Ripon, Lord Lister.
  74. Sir Henry James, lawyer; De Freycinet, French statesman; ex-Senator Edmunds, Ibsen, dramatist; ex-President Dwight, of Yale; Jules Verne, Count Tolstoi, Berthelot, French statesman; Clara Barton, Edward Atkinson, George Meredith.
  73. General Booth, Salvation Army leader; Joseph Jefferson, Carl Schurz, Senator Allison, Senator Cullom, King Oscar of Sweden and Norway, Viscount Peel, Murat Halstead.
  72. President Diaz, of Mexico; Emperor Francis Joseph, ex-Queen Isabella, J. Q. A. Ward, sculptor; Marquis of Salisbury, Louise Michel, French agitator; Salvini, tragedian; ex-Secretary Tracy, Mme. Janaushek, actress; General Oliver O. Howard, Bishop Doane, Senators Vest, Teller, and Jones, of Nevada; Justin McCarthy.
  71. Archdeacon Farrar, General Gallifief, French soldier; ex-President Gilman, of Johns Hopkins; George J. Goschen, Frederick Harrison, postivist; Henry Labouchère, journalist; Henri Rochefort, Victorien Sardou, General Schofield, Senator Frye, Joachim, violinist; Sir George Nares, Arctic explorer; Ambassador Choate, Senator Proctor.
  70. Field Marshal Lord Roberts, British Army; Maggie Mitchell, actress; Sir Edwin Arnold, poet; Professor Vambery, Andrew D. White, Justice Shiras, Professor William Crookes, General Gordon, of Georgia; Senator Quay, General Ignatieff, George H. Boughton, R. A.; G. W. Custis Lee, Count von Waldersee, Cardinal Vaughan.
  69. Chief Justice Fuller, Field Marshal Lord Wolseley, Denman Thompson, actor; Justice Harlan, Duke of Devonshire, Edmund Clarence Stedman, poet; John L. Toole, comedian; Lewis Morris, poet; ex-Secretary Bliss, Senator Platt, of New York; Professor Koch, General di Cesnola.
  68. Senator Depew, President Eliot, of Harvard University; Augustus J. C. Hare, author; Sir John Lubbock (Lord Avebury), Cardinal Gibbons, Whistler, painter.
  67. Leopold II., King of the Belgians; Rev. Lyman Abbott, Alexander Agassiz, Bouguereau, French painter; ex-Secretary Carlisle, Bishop Potter, Theodore Thomas, Paul Du Chailou, "Mark Twain," Charles Francis Adams, Alfred Austin, poet; General Shafter, General Fitzhugh Lee, Richard Olney, ex-Vice-President Stevenson, General Stewart L. Woodford, Prime Minister Combs, of France; Sir Henry Campbell-Bannerman.
  66. Edward John Poynter, President of the Royal Academy; Professor C. F. Chandler, Thomas Bailey Aldrich, Alma-Tadema, painter; W. S. Gilbert, dramatist; General Joseph Wheeler, General Merritt, Joseph Chamberlain, ex-Secretary Alger, William Winter, dramatic critic; Lord Brassey, Edward Dacey, Sir Norman Lockyer.
  65. Ex-President Cleveland, Whitelaw Reid, General Horace Porter, W. D. Howells, novelist; William L. Alden, author; Dr. Angell, ex-Minister to Turkey; J. Pierpont Morgan, Andrew Carnegie, Sir Michael Hicks-Beach, Justices Brewer and Peckham, Miss Braddon, Swinburne, poet; Admiral Dewey.
  64. Professor James Bryce, ex-Queen Liliuokalani, John Hay, Secretary of State; Sir Henry Irving, Lecky, historian; John Morley, John Wanamaker, President Loubet, Generals Brooke and E. S. Otis, F. Hopkinson Smith.
  63. Rear-Admiral Schley, General Sir Redvers Buller, General Miles, Senator Clark, of Montana; Senator Gorman, Bishop Keane, Asa Bird Gardiner, John D. Rockefeller.
  62. Captain A. T. Mahan, Henry Watterson, Labor Commissioner Wright, Clemenceau, Palmer Cox, Sir Hiram S. Maxim, Austin Dobson, poet; "Ouida," Thomas Hardy, novelist; Speaker Henderson, General Kelly-Kenny, Lord Reay, President of the British Academy; General S. B. M. Young.
  61. King Edward VII., Stanley, African explorer; Senator Aldrich, Minot J. Savage, William C. Whitney, Rear-Admiral Melville.
  60. Abdul Hamid, Sultan of Turkey; Prince Kropotkin, Anna Dickinson, General Corbin, General Chaffee, Cardinal Rampolla, Senator Daniel, of Virginia.

At what age does one become "old"? Five centuries ago a man was old at fifty. But the hale and hearty gentleman of to-day who has just turned sixty would probably protest against being classed among old people, even if famous. That his susceptibilities may not be wounded, therefore, a separating dash has been discreetly introduced after age sixty-five.

## The World.

JOSEPH PULITZER.

THE WORLD begins 1903, near the end of its twentieth year under its present proprietorship, more determined than ever to persevere in its efforts for public service and publicity, and more thoroughly equipped than ever for the task.

### THE MCAULIFFE MYSTERY.

No public service ever performed by a newspaper met with such generous and general approval as that of THE WORLD in the McAuliffe case. James McAuliffe was "the principal witness," according to the prosecution, on whose testimony the notorious Wardman Glennon was convicted. At 9.30 Sunday morning, February 16, James McAuliffe stumbled and fell forward on his face in the street before several witnesses, and died in the hospital. Two days later THE WORLD discovered that McAuliffe had been in the hands of the West Forty-seventh Street police all the night previous. No report of this fact had been made by the police. This was in the same precinct where he fell. The hospital authorities said McAuliffe could not have received the fracture of the skull from which he died in that fall on his face. He was to be a strong witness against five other indicted police officers. One of them was attached to the Forty-seventh Street Station. THE WORLD charged that McAuliffe had been foully murdered by "the System," and set out to ferret out the assassins of this witness. Two weeks later a coroner's jury decided McAuliffe had been "murdered by some power or persons unknown." THE WORLD called upon the authorities to "Find McAuliffe's Murderer." They refused, and single handed and opposed by those whose official duty it was performing, THE WORLD conducted the most remarkable campaign for justice ever waged by a newspaper. That it was not crowned by such success as to land the assassins of this witness against "the System" in the electric chair is due to the opposition of the criminal authorities. THE WORLD offered \$2,000 reward for the apprehension of the murderers, saying "In offering this reward THE WORLD hopes to perform a public service which otherwise seems likely to go by unperformed." Public-spirited citizens, including Judges, lawyers, and two former District-Attorneys, swelled this to nearly \$4,000. THE WORLD found a cloud of witnesses who saw or heard every step in the terrible crime against public policy, except the actual killing, and these witnesses were subjected to the most unspeakable persecution by public officials who seemed bent on aiding "the System." Six witnesses, one of whom knew McAuliffe, saw him bundled into a cab or thrust out of it a few minutes before his death fall.

THE WORLD's course was indorsed by several resolutions in the Board of Aldermen, the Citizens' Union and by eight of its district organizations; the Knights of Labor, National League of Granite Cutters, National Association of Engineers, and other public bodies.

The Police Department was forced to make an investigation, and the District-Attorney to perform what he called a "John Doe" inquiry. Police Commissioner Partridge admitted THE WORLD had proved enough for the Grand Jury to act upon, and Justice Mayer, before whom the John Doe inquiry was made, upheld the main contentions of THE WORLD, viz.: That James McAuliffe was not suffering from the injury which caused his death when he was arrested Saturday night. That that injury was not received when he fell on his face, half an hour after he had been liberated by the police Sunday morning. That this fatal injury was inflicted after his arrest. But the Justice said that "with the evidence before me" it was impossible for him to determine who inflicted it.

The public service performed by THE WORLD in this outrage upon the community may be left to the contemporary press quoted below:

BROOKLYN EAGLE—The New York World is doing a public service when it keeps hammering away at its investigation of the murder of McAuliffe, the witness who convicted Devery's man Glennon. Commissioner Partridge allowed his subordinates to drop the case on the theory that the man was killed by a trolley car or a fall. District-Attorney Jerome was asleep or running an open-Sunday crusade and accepted the same theory. Then a coroner's jury found, what seemed clear enough from the circumstances, that the man was murdered. The motives for a murder were abundant and powerful and they all pointed to a connivance of the police in the station where McAuliffe was confined. Glennon, who had been convicted as a criminal, had many friends on the force and in that station-house. Then there was an officer under indictment against whom McAuliffe would be an important witness, and that officer was attached to the very station-house where McAuliffe was locked up over Saturday night.

These things were brought out in the newspapers, but by the time the verdict of murder was rendered the police, supposing they had an agency in the matter, had had plenty of time to cover their tracks, and investigation, which would have been easy for Colonel Partridge in the first place, had been made difficult. Then the New York World offered rewards for information which would establish

the fact that the man who was arraigned under the name of McAuliffe in the police court was not the man found dying in the street or that would lead to the conviction of the murderer. Under the circumstances the conviction of this assailant is more important to good government in the city than is the punishment of the perpetrator of any other crime. THE WORLD has now found a witness who claims to have seen a man battered up as McAuliffe was battered up—that is, with a club—put out upon Sixth Avenue from a cab at the time when a man whom the police claim was McAuliffe was being arraigned in the police court. This battered man was thrown into the street near where McAuliffe was found a few minutes later. It is not the sort of investigation which ought to be left to newspapers at all, but when the officials upon whom the law lays that duty neglect it, the newspaper which takes it up earns the thanks of the community.

**EVENING TELEGRAM**—It now appears that District-Attorney Jerome is awakening to a realization that there is more in the coroner's verdict that McAuliffe was murdered than in his own view heretofore that the death was accidental. This is due to evidence brought to light by a newspaper—THE WORLD. The mystery is yet to be solved, but if it is cleared up and the solution is found in assassination, and leads to the uncovering of the perpetrators, it will be because journalistic enterprise has been more persistent and successful than official activity.

**BROOKLYN TIMES**—There is a settled conviction in the minds of the people of this city that McAuliffe was deliberately murdered by police officers in the West Forty-seventh Street Station-House, because he had testified against one police officer and was expected to testify against others. It may be said that the New York WORLD is entitled to the thanks of the community for the pertinacity with which it has kept this matter to the front, and for the persistent efforts it has made to throw light on the subject.

**STAATS-ZEITUNG**—The police and the District-Attorney were successful, but THE WORLD succeeded, through continued public discussion, in finding important witnesses—the most important ones. It established the fact that shortly before McAuliffe was found he was taken in a cab while seriously injured near to the scene where he was found and there left to his fate. A word about the McAuliffe case. THE WORLD is entitled to the thanks of the community because it keeps this matter before the public, notwithstanding the fact that the Police Commissioner and the District-Attorney have done their best to clear the police of all blame.

The behavior of the Police Commissioner and his assistant, Mr. Thurston, is inexcusable. Thurston is deserving of especial condemnation because he declared that if McAuliffe was murdered, then it was the duty of THE WORLD to prove it.

**THE FOURTH ESTATE**—THE WORLD has furnished conclusive proof that McAuliffe, in a battered condition, was taken from the West Forty-seventh Street Police Station, thrust into a cab by two men in plain clothes, and that he was afterward thrown out of the vehicle some blocks away.

**THE NEW YORKER**—The entire community is in warm and human sympathy with THE WORLD in its effort to probe to the bottom the mystery of the McAuliffe murder. The suggestion that the police and the criminal classes are banded in atrocious conspiracy for plunder and self-protection and will not stop at murder to save suspected members from punishment is horrible—it is terrifying.

**UTICA OBSERVER**—The New York WORLD seems to be following a hot trail in the McAuliffe case. The manner in which the authorities have sought to bury this outrage is a disgrace and shame.

**EVENING TIMES, Buffalo**—District-Attorney Jerome does not seem eager to accept the evidence produced by the New York WORLD connecting the police force so closely with the death of McAuliffe. But THE WORLD is not to be dissuaded from bringing the assailant to justice.

**ELMIRA EVENING STAR**—The New York WORLD is slowly, and apparently surely, weaving the net around the murderers of McAuliffe.

**NEW YORKER**—To the New York WORLD belongs the credit of keeping the McAuliffe case before the public and of unearthing a lot of evidence in the case. Evidence shows that McAuliffe was ill-treated in the station-house. THE WORLD has positively proved that on that Sunday morning a man unable to take care of himself was taken away from the station-house in a cab (in which station-house McAuliffe had been confined), and that this man was later on dumped out on the street.

**UTICA HERALD-DISPATCH**—The New York WORLD is rendering a great investigation of the death of James McAuliffe in New York. A coroner's jury has said that McAuliffe was murdered.

**BUFFALO TIMES**—One of the best pieces of newspaper work that has been accomplished in many a day is the ferreting out of the McAuliffe murder mystery by the New York WORLD.

**NEWARK (N. J.) SUNDAY CALL**—The New York WORLD publishes a cartoon representing District-Attorney Jerome tilting at the windmill of Sunday laws, while the body of the murdered McAuliffe lies neglected. It touches truth in the raw.

**UTICA OBSERVER**—Persistent publicity will accomplish wonders, and we rejoice exceedingly at the battle which the New York WORLD is making for the discovery and punishment of the police murderers of James McAuliffe, on whose testimony Wardman Glennon was convicted. THE WORLD has been making this fight alone

### "PUBLICITY, PUBLICITY, PUBLICITY."

THE WORLD doctrine—"Publicity is the greatest moral force in the universe"—long advocated in its columns, has received several distinguished converts in the past year.

President Roosevelt, after a careful study of the problem of how to control the trust monopolies, recommends in his annual message "publicity of the transactions of the great combinations is the true remedy for trust evils." The new Atlantic Rubber Shoe Company, a \$10,000,000 trust, has included a publicity clause in its charter.

Mayor Low illustrated his belief in the doctrine of publicity by frequent "talks," in which he reported on the work of his administration.

Police Commissioner Partridge indorsed it when he issued orders that the station-house blotters should be always open to the newspaper reporters.

Ex-Mayor Abram S. Hewitt, on his eightieth birthday, declared that "Publicity, inspection, and discussion are the great safeguards which the public can apply in order to correct abuses."

A single flashlight of publicity killed by revealing it the plot to secure by bribery a Tammany control of the Fusion Board of Aldermen.

Publicity was the force which exposed and stopped the revolting cruelties in the Philippines. Jacob Preiss, the seventeen-year-old boy who, with thirty-one others, was shainghaed to Pitston to take the place of striking miners, thanked THE WORLD for securing his freedom by publicity.

Publicity in the form of a portrait and description of Young, the Mormon murderer, printed in THE WORLD, resulted in his quick capture in a little Connecticut village.

The Birmingham AGE-HERALD remarks that "Publicity" is ripening into an issue very fast.

#### A NOTABLE "WORLD" EXCLUSIVE.

THE WORLD'S exclusive from ex-President Cleveland giving his views on "The Future of Democracy" was the subject of comment by every newspaper in the land, some of which reprinted the ringing message to Democracy from the only Democratic President in forty-two years. A few comments are appended:

**NEW YORK TRIBUNE**—No fair-minded reader of Mr. Cleveland's letter to the New York WORLD, printed on Sunday in that journal and reproduced in our own columns yesterday, will deny that it is creditable to the ex-President and of general interest.

It is an earnest appeal to his party to make itself worthy of public respect in order that it may command public confidence and regain control of public affairs.

**BALTIMORE NEWS**—Mr. Cleveland has made a statement in the New York WORLD concerning the prospects and policy of the Democratic party which is one of the most explicit and outspoken that he has given to the public since his retirement from the Presidency.

**PHILADELPHIA NORTH AMERICAN**—The gist of ex-President Cleveland's advice to the Democracy is to quit fooling with dead issues and to go in for tariff reform and trust-smashing, with incidental whacks at imperialism when it needs exercise.

**NEW YORK STAATS-ZEITUNG**—In a letter to THE WORLD, former President Cleveland points out the path the Democratic party must follow if it wants to regain supremacy for itself and for the principles it represents.

**NEW YORK SUN**—The programme of Democratic rejuvenation which the Hon. Grover Cleveland laid down yesterday in a remarkable communication to the New York WORLD is of interest to citizens of all factions of all parties.

**BROOKLYN CITIZEN**—Mr. Cleveland's views of the political situation, as given to THE WORLD, are simply a reiteration of similar views expressed by him during the recent campaign.

**COMMERCIAL ADVERTISER**—Grover Cleveland's appeal for a better Democratic party is not a new one, but it is greatly to be hoped that it will meet with a larger response than previous ones of the same kind from him have commanded.

**ATLANTA NEWS**—The letter of Grover Cleveland to the New York WORLD, brief and simple as it was, continues to be the political sensation of the day.

#### FIRST NEWS IN "THE WORLD."

THE WORLD has been first in presenting the news in its columns so many times during the year that it is difficult to select the best examples from the long list of WORLD exclusives.

Simultaneously with the hurried and frightened withdrawal of Gertrude Potter Daniel's book, "Eshek the Oppressor," because it was feared that this Chicago daughter of wealth and luxury's dramatic pictures of the misery and sorrow forced upon one class of people by the sordid greediness of another were too dangerous to set loose in a country of mingled trust holdings and trust hatings, THE WORLD gave the book a larger circulation among readers than it could have been hoped to get between covers, by publishing a whole page of its contents—a "beat" which is still an "exclusive" to THE WORLD.

The reproduction of lost correspondence of the John Brown raiders, found after a search of forty years, was given exclusively by THE WORLD.

The first authentic view of the interior of the Kaiser's yacht Meteor.

Photographs of Christ in His Winding Sheet aroused world-wide interest among scientists, the only reproductions in this country of the original pictures first printed from negatives made expressly for THE WORLD.

First interview with Mrs. Florence Maybrick, the American woman thirteen years in an English prison, convicted of killing her husband.

Under the headline "Six Months of Reform," THE WORLD presented to its readers on June 30, in exclusive authorized statements from the heads of the most important city departments, a summary of the results accomplished by Mayor Low and his coöperators.

The news of the great calamity in the New York Central tunnel January 8, 1902, when one train plunged into the rear of another, killing twelve persons outright, and mangleing and maiming fifty others, was first given to the public in THE WORLD.

The publication by THE WORLD of three pages of photographs from St. Pierre, showing, as no verbal description could do, the extent of the havoc caused by the eruption of Mount Pelee, was a notable journalistic feat, fitly crowning a succession of news-gathering triumphs.

It was THE WORLD that first landed a staff correspondent in Fort de France; which first gave the warning that the work of relief was in danger of being overdone, a warning now confirmed by President Roosevelt's notification that collections should cease; and which, in coöperation with Governor Hunt, of Porto Rico, first reached the stricken island with a sufficient quantity of supplies adapted for its people's urgent needs.

It was **THE WORLD** which first discovered and published the fact that William S. Devery, who had earned \$58,909, was the real purchaser of \$377,800 worth of real estate, of which a young man named Byrne was the ostensible buyer, and Devery paid the \$37,780 deposit in cash off a fat roll of legal tenders. And it was **THE WORLD** that first revealed that Devery had transferred to Kate Amos, notorious as Kittie Clifton, two houses she "sold" several years before when the public prosecutors were after her for alleged violations of law.

**THE WORLD** was the first to discover the identity of Rose Barclay, the person who, as "Ella Hathorne," put the famous oil paintings from the Hoffman House Café in storage after the death of Edward S. Stokes.

A **WORLD** reporter sent the first news from the Azores of the mishap to the Etruria in midocean last Spring.

The charge of conspiracy brought against Bishop Ethelbert Talbot by Rev. Dr. Irving was first published in **THE WORLD**.

**THE WORLD** was the only paper to print the full terms of settlement of the coal strike on the day they were agreed upon.

#### VICTORY FOR ARBITRATION.

The return of the striking coal miners to the anthracite mines after five months of bitter warfare, to patiently await the adjustment of their difficulties with the operators by the commission appointed by the President, ended the coal famine which menaced the people of the East and gave **THE WORLD** a signal victory for its long-cherished and persistently advocated principle of arbitration. It was the apotheosis of "that common sense which alone was necessary," as Gladstone said of the Venezuela dispute which seemed about to plunge the two great English-speaking nations into bloody war, when **THE WORLD** intervened and performed the greatest public service of the nineteenth century by restoring peace and sending the controversy to arbitration.

In the work of bringing about the renaissance of right thinking on the part of obstinate coal-barons and the stubborn strikers **THE WORLD** enlisted eleven Governors of States and thirty-six Mayors of cities, representing a total population of twelve million people; the clergy, lawyers, doctors, and scientists were arrayed behind **THE WORLD**.

**THE WORLD** said "Arbitration is the sensible, the just, the American way of settling such differences." It demanded arbitration in the name of millions of consumers of coal who were the party of chief and paramount interest in the coal question.

President Roosevelt called the contending operators and miners to a friendly conference at the White House. One by one the barriers were broken down, and at last the whole question was turned over to a commission for arbitration, and the men returned to work to abide the decision of these arbitrators.

#### THE SCHOOLS BELONG TO THE PEOPLE.

One by one the suggestions advanced and advocated by **THE WORLD** in furtherance of its general proposition that "the schools belong to the people, and should be the social and educational centre of the neighborhood," have been adopted, and in every instance the experiment has proven so successful that it has promptly become a permanent institution.

The first of all was "THE WORLD'S Free Lectures for the People." The free lecture system has now been in operation fourteen years. It has surpassed in its development even the hopes and expectations of its originators. Then there were school-house lecture rooms, and thirty lectures the first year. Now it is extended to all boroughs of the city, and the attendance at these lectures during the last season reached the magnificent total of 928,251.

The roof-garden and playground were next, and Mr. Snyder, the indefatigable architect of the city's schools, arranged a roof playground on every new school now.

**THE WORLD** advocated a "circulating library and a gymnasium in every school," and ex-President Miles M. O'Brien espoused the cause, with the result that there is no new school-house without provision for these two adjuncts, and such libraries and gymnasiums are scattered all over the city.

The vacation schools and the open playgrounds and roofs during vacation time are a part of the system first suggested and persistently advocated by **THE WORLD**.

The baths in the schools had their first advocate in **THE WORLD**.

The boys' clubs and the girls' societies in the schools are a part of the scheme, and **THE WORLD** advocates the opening of the school-houses on Sundays for the use of the neighborhood as places of social gathering, for lectures, and concerts.

The roof-gardens are now opened in the Summer evenings for the use of the neighborhood, and band concerts given there.

When **THE WORLD** learned that 75,000 children were forced to get along with half-time classes because of lack of room in the schools it suggested that the recreation piers, another institution "invented" by **THE WORLD** in its system of relief for the tenement dwellers, be utilized as schools during the Winter, and this is being done with entirely satisfactory results.

#### MINOR SERVICES.

It was in response to a petition signed by the crippled children of New York and sent to him by **THE WORLD** that Adolph Lorenz, the great surgeon of Vienna, said he would come to New York and exercise his skill to cure them.

Frieda Schwartz, a fourteen-year-old girl, who disappeared from her home near Garfield, N. J., was found after six weeks' absence through a photograph in **THE WORLD**.

Through a photograph in **THE WORLD** James Rogers, sixteen, who ran away from his home, No. 324 Nineteenth Street, Brooklyn, was found.

Through **THE WORLD** J. L. Vaughn, who had hunted the world for his sister, who had fallen heiress to a \$12,000 legacy, was found in Buenos Ayres.

**THE WORLD**'s long and persistent advocacy was rewarded by the passage of the law forbidding trap shooting of pigeons.

**THE WORLD** was the gatherer of subscriptions for the memorial to Mrs. Rebecca Salome Foster, the "Tombs Angel," who lost her life in the Park Avenue Hotel fire.



The anti-flat-car-wheel ordinance was secured through THE WORLD.

When Dock Commissioner Hawkes announced that the bands on the Recreation Piers, secured by law passed by THE WORLD, would play only classical music, THE WORLD started the crusade which resulted in the rescinding of the order. The people of the tenements preferred "rag-time."

George Frank, better known as "Frenchy," the friendless Algerian, who was sent to prison for life on conviction of the murder of the woman known as "Old Shakespeare" in a Cherry Street dive, was pardoned on evidence secured by THE WORLD absolutely proving his innocence.

The exposure of the five-cent extortionists among the free-bath attendants was followed by their quick dismissal.

THE WORLD expose of the honeycomb of corruption in the Immigration Bureau was the cause of the upheaval there, and the complete reorganization of the Bureau along the lines of honesty and decency.

Each one of the drinking fountains scattered about the city for dogs and other small animals is a monument to one of THE WORLD's services to humanity. Mrs. Minnie Maddern Fiske contributed \$100 to THE WORLD's work, and there were several other helpers. Enough was raised to erect seventy of these drinking troughs.

With the opening of the new Children's Court by Justice Olmsted in September the consummatum on was reached in THE WORLD's philanthropic and reformatory movement of seven years' duration.

Comptroller Grant, adopting THE WORLD's suggestion of a popular loan, offered city bonds at \$10 each, instead of offering them in the usual fashion "all or none" to Wall Street. The public snapped up the bonds, and 117 bidders took them at prices which produced \$22,470 more for \$3,000,000 worth than at a previous sale.

#### FAMOUS CONTRIBUTORS.

Many of the world's famous men and women, leading thinkers, instructors, and entertainers have added to the delights served to the daily readers of THE WORLD by characteristic contributions to its columns.

Among the distinguished contributors have been Grover Cleveland, Rear-Admiral Schley, Mrs. Frances Hodgson Burnett Townsend, Mark Twain, George Francis Train, Joseph Jefferson, James A. Bailey, the great showman; Prof. Maurice Maeterlinck, United States Senators William A. Clark and Marcus A. Hanna, Hallie Erminie Rives, Lord Kelvin, Dean of Modern Science; George H. Primrose, last of the old-time minstrels; Rev. Minot J. Savage, Dr. Allan McLane Hamilton, the famous alienist; John Mitchell, leader of the great anthracite strike; Mary Elizabeth Lease and Marconi. A few of the contributions of famous people are given at random.

How a hitherto-unheard-of actress charmed her audience by one performance, while under the influence of hypnotism, a veritable "Triby" in real life, and the most remarkable case on record of transmitted animal magnetism, was related by Dr. John D. Quackenbush, the most famous disciple of hypnotism in America.

Rev. T. De Witt Talmage wrote a Christmas story on "The Birthplace of Christ" and "The Flight Into Egypt."

Sir Robert Ball, the greatest living astronomer, on "What the Shepherds Saw on Christmas Night."

Robert Barr, the late Frank R. Stockton, Clara Morris, the late Bret Harte, Francis Willing Wharton, and Owen Kildare, the "Bowery Kipling," are contributors of good things in fiction.

Henry Fournier, the famous French chauffeur, wrote a startling history of the great "White Ghost" automobile.

Rear-Admiral Winfield Scott Schley, "An American Girl Christmas-Day Queen on a Man-o'-War."

Prof. Michael I. Pupin, of Columbia, inventor of the ocean telephone, described for the lay mind the wireless telegraph inventions of Marconi.

Harry De Windt, "Overland from Paris to New York," a series of articles detailing the adventures of that unparalleled journey.

John Philip Sousa, the march king, "The Fifth String," a weird love tragedy.

John D. Crimmins, a thrilling description of "A Ride in the Waters of Palm Beach Behind a Powerful Sea-cow."

Nelson M. Willard, strongest man in Columbia University, on "How to Keep Strong."

William Emery, the famous animal trainer, on "Elephants as I Have Known Them."

Buffalo Bill, "Recollections of Cherokee Sal," Bret Harte's famous heroine.

Richard Lynch Garner, the student of the language of monkeys, "Talking with Monkeys in the Jungle."

Ernest Ingersoll, the noted naturalist, contributed several instructive articles on animal, bird, and insect life.

Harry Lehr entered "A Plea for Fair Play for Society Folks."

Charles D. Mosher, inventor of the Arrow, fastest ship in the world, wrote of the probability of three-day ships to Europe.

William P. Hazen, formerly Chief of the United States Secret Service, contributed several articles on that branch of the government service.

Stanley Spencer related "How I Flew Over London."

John Philip Sousa told the story of how he played "The Star-Spangled Banner" for King Edward.

Santos-Dumont, the airship man, wrote a remarkable article on "Fear."

Herbert L. Bridgeman, of the Peary party, "Hunting the Walrus in the Frozen North."

George J. Gould, in a two-column article, urged the appropriation of not less than half a million dollars by the Legislature for the State's representation at the Louisiana Purchase Centennial Exposition to be held in St. Louis this year.

#### SPECIAL NUMBERS.

The "Ivory City" edition of THE WORLD had for its special features a comprehensive illustrated description of the city of Charleston and the great exposition there.

"Religion the Basis of Society," an Easter sermon written for THE WORLD by His Eminence James Cardinal Gibbons, was the most conspicuous feature of THE WORLD'S Easter number. There

were also reproductions of Easter gowns from Paris, photographed on Paris models for THE WORLD, secured by James Derry, one of the best authorities in the world on women's dress.

Rochambeau, on the occasion of the visit of the distinguished Frenchmen and unveiling of the statue of Connt Rochambeau, with an historical sketch of the soldier of France and patriot of all the American Revolution, by M. Jules Cambon, late French Ambassador.

On the 92d birthday of Pope Leo XIII., with the latest photograph of the Pope loaned to THE WORLD by the late Archbishop Corrigan, THE WORLD presented "An Estimation of Leo XIII. by the late Michael Augustine, Archbishop of New York," and "The Pope as I Saw Him," by Theobald Chartrand, the great artist, who painted the best portrait of His Holiness.

The coronation of King Edward VII., August 9, was the occasion of a remarkable special number of THE WORLD, which constituted one of the greatest achievements of the year in special numbers. Illustrated by splendid pictures made expressly for THE WORLD, the description of the ceremonies and of the surroundings was graphically drawn by specially engaged correspondents who were "to the manner born."

The King's own brother-in-law, the Duke of Argyll, who, as the Marquis of Lorne, was Governor-General of Canada, described the preliminaries of the coronation and the state dinner at Buckingham Palace. The coronation scene was severally described by Max Pemberton, the novelist; Sir Henry Irving, the actor; David Christie Murray, and J. Kier-Hardie, labor Member of Parliament. The great military parade of the King's troops was described by A. Conan Doyle. The Bishop of Ripon described the solemn religious ceremony in Westminster Abbey, and the Duke of Cambridge, oldest royal survivor of the coronation of Queen Victoria, a comparison of the two ceremonies.

John Wanamaker, who was in Rome on the occasion of the venerable Pope's jubilee, cabled to THE WORLD a full and graphic description of the memorable celebration, with sobbing throng of 100,000 devotees.

Hall Caine, the famous author of "The Eternal City," contributed a critical, unbiased story of the great Pontiff, written after a year's study of him.

The Christmas number of THE WORLD was the most notable of the special numbers. It was full of good spirit in text, pictures, song, and story. Archbishop Ireland set the note for the season's rejoicings with a humorous, helpful, hopeful article upon the day. F. Marion Crawford described "Christmas in Rome," old Rome and the Rome of to-day. Mrs. Gen. U. S. Grant described a Christmas spent in China in 1874, on their journey around the world, and Mrs. Jefferson Davis told of the Old South—"Christmas Week on a Louisiana Plantation in 1830."

Fire Chief Croker and ex-Chief Thomas Byrnes contributed a Fireman's and a Policeman's Christmas story. Major-General Adna R. Chaffee told how the soldier boys spent Christmas in Manila, and John R. Spears, Historian of the Navy, told of "An Old Salt's Strange Christmas at Sea." Cy. Warman told a love story and Clara Morris a story of "How the Cows Keep Christmas." Caroline Duer, Joel Chandler Harris, and Alfred Henry Lewis told good stories. John Mitchell told a pathetic tale of "A Mine Boy's Christmas," his own experience at twelve. The story of the childhood of Pope Leo, of Santa Claus' town, where his workshops are, were the best in four different fields. There was a fairy land for the children, fun for the jolly, and the news from every quarter of the globe for those readers who must know what is doing, even on Christmas.

#### A MEDIUM TO REACH THE PEOPLE.

THE WORLD has long been recognized as the foremost and fairest American newspaper, open for both sides of every controversy, and the surest medium through which to communicate with the American people.

President Castro, of Venezuela, at the outset of the trouble with England and Germany, cabled his first public utterance to THE WORLD as follows:

"To the Editor of The World:

"CARACAS, Dec. 13, 1902.

"The President directs me to express through your newspaper to the people of the United States his gratitude for the sympathy that the just cause of Venezuela has awakened in them, as they seem to understand that the principal object of Germany and England is to establish here a government dependent upon those nations, for which it is generally believed that the claim made upon Venezuela is simply a pretext.

"The President believes this to be impossible of realization, because of the justice of our cause and the feeling of the Venezuelan people, who support the Government, and because it is contrary to the Monroe doctrine.

"TORRES CARDENAS, Private Secretary to President Castro."

When the scattered and demoralized hosts of Democracy, apparently arrived at the turning point, cast about for a leader and guidance, and Grover Cleveland, that sturdy leader to victory in the past, recognizing that the time had come for him to break the silence of six years, chose THE WORLD as the medium through which to address his penitent party on "The Future of Democracy." He knew that through it he could most surely reach the masses, and delivered the summons to Democrats to return again to Democratic principles, which carried courage to every Democrat in the country.

Mr. Addicks, the man who at an expense of \$20,000 a year has kept Delaware without representation in the United States Senate because of his ambition to be a Senator, and the corruption of the Legislature, "expressed his grief" through THE WORLD because of the bad reputation the newspapers have given him in the land. He knew he could make his "grief" known to everybody through THE WORLD.

Andrew Carnegie told the people of America through THE WORLD that he had offered to President McKinley to pay \$20,000,000 for the Philippine Islands, and set the "little brown men free." Said he to the people last May, "I would gladly pay twenty millions to-day to restore our Republic to its first principles."

Upon his inauguration as President of the Republic of Cuba, Señor T. Estrada Palma outlined his policy in THE WORLD for the information of the American people.

Like an appeal was the message sent to the American people through THE WORLD by the venerable Danish Senator Thygeson, who, at ninety-seven years of age, was making his last fight against parting with the Danish Indies to the United States: "Tell the people of America the United States is grand big enough without those small islands, but Denmark is small, and cannot afford to get any smaller."

Prince Henry greeted the American people through THE WORLD; and the Kaiser, through THE WORLD, thanked the American people for their welcome to his brother.

When every newspaper in the land had published General Wheaton's criticism of President Schurman's Philippine speech, saying "Men have been sent to prison in the Philippines for talking like that," Dr. Schurman chose THE WORLD as the medium through which to address the American people in reply.

Nicholas, Czar of all the Russias, thanked America for kindly interest through THE WORLD.

Queen Wilhelmina cabled to THE WORLD her thanks to America for interest in her illness.

John C. Dimsdale, Lord Mayor of London, sent a message to America through THE WORLD regarding the King's illness.

General Bothé cabled to THE WORLD a final statement of the position and policy of the Boers.

Major Low as chief head of department of the Reform Administration made his first report to the people through THE WORLD of the work of his department for the first six months. Comptroller Grout had given an exclusive report to THE WORLD earlier.

It was through the columns of THE WORLD that Governor-General Leonard Wood presented his report of his stewardship on the eve of his surrendering the Government of Cuba to President Palma, of the new Republic.

### IN THE REALM OF DISCUSSION.

The human mind is perpetually in discussion of some unsettled or unsolved problem of life, and when a pregnant mind gives forth the result of its discussion of any problem of human interest it breeds a more or less general discussion, and that is the way the germ idea is developed into a reality.

Prof. Jacques Loeb believed his mental discussion of the secret of life had solved the problem, and that electricity gives life to the nerves of all living things. A double-page feature of THE WORLD was a discussion popular, scientific, and informing by men eminent in the domain of inquiry, invention, and discovery, including Edison, Weissman, Smith, and Prof. Loeb himself.

Harriet Hubbard Ayer's dialogue with Mrs. Robert Osborn and Mrs. Charles Russel Howe on fashions, Mrs. George Fitz George London's famous beauty expert, on the preservation of beauty, and other famous women on topics peculiarly feminine, were among the delightful features for women readers.

"What Is the Limit of Modesty," in low-cut gowns, was the subject of animated discussion, in which Mrs. William Tod Helmuth, Rev. Dr. MacArthur, and Mrs. Patrick Campbell took part.

"Should Children Be Spanked," by Mrs. Pach, Treasurer, and Mrs. Harry Hastings, President, of the Mothers' Club.

J. Pierpont Morgan, on an ocean steamer, corrected Sir Edward C. Colebrook, who had spoken of "draw poker" as the American National game. He said: "It never was; it never will be. It is a bad game. It is based upon a lie. The man who labelled it our National game ought to be shot."

THE WORLD telephoned inquiries to every capital and queried many New York men on the subject. The unanimous opinion of James Wakely, "Bat" Masterson, "Honest John" Kelly, and George Considine, "Col. Bob" Wood and Charles Walters, of Chicago; Bernard Layton, "Col. Ike" Hill and "Cole" Martin, of Washington; Chester A. Brown, "Poker" Brown, of Butte; Edward J. Graves, of Lexington, Ky., and many others, was that Mr. Morgan was in error, and that draw poker is, was, and ever shall be the American National game.

### REPORTING BY SPECIALISTS.

Following its long-established custom of employing specialists as its reporters of any event involving special knowledge, THE WORLD had Charles Chadwick for its reporter of the great battles on the football gridirons between the giant university teams.

John R. Spear "did" the yacht races and described the "points" in Sir Thomas Lipton's third challenger, Shamrock III.

Recognizing that the eighteenth Horse Show was a social event and a bazaar of fashion, as well as an exhibition of horses, THE WORLD had Mrs. Robert Osborn and Mrs. Donald McLean, President of the Daughters of the American Revolution, report it as a society gathering, while Redfern described the ten handsomest gowns worn each night; Madame Louise, the ten finest hats, while Chauncey M. Depew, William C. Whitney, and James T. Hyde "covered" it as a horse show.

The opera is generally acknowledged to be a society rather than a musical event, and Mrs. Robert Osborn reported it as such for THE WORLD, while J. Paul Dupuy, the distinguished French visitor, furnished some comparison of the Metropolitan Opera with the Opera in Paris, and Philip Burne-Jones, the painter of "The Vampire," presented his pictorial impressions of the opera.

### THE BURSTING OF MOUNT PELEE.

On May 10 THE WORLD gave to the public the first account of the destruction of St. Pierre, on the island of Martinique, by the eruption of Mount Pelee, the supreme catastrophe of the age, rivalling in sudden, swift, and wholesale annihilation of man and his works the greatest tragedies in history, the burial of Pompeii, the swallowing up of Lisbon by an earthquake, and the cremation of Catania. In the twinkling of an eye 30,000 people passed from life to death. Their bodies were found afterward, just as they had fallen, unmarked. They had been asphyxiated by the deadly gases of the lava-dust which had fallen like a rain-storm upon the land.

Simultaneously with the publication of the news THE WORLD appealed to the public for funds and supplies for the relief of the survivors of the calamity, and at the same time cabled to Governor Hunt, of Porto Rico, to charter a ship and send relief to Martinique in its name, and THE WORLD steamer Longfellow, on May 17, arrived at the island with the first relief supplies. It carried also fifty tons of supplies from the Government.

A WORLD correspondent at Fort de France was the first to reach the scene of the catastrophe. Two days later he gave the first complete survey of the situation, and told the saddening news that the survivors of the calamity were so very few that the supplies already received were ample for all probable needs. From the first, THE WORLD easily led in the completeness and comprehensiveness of its accounts, illustrated by photographs.

W. P. Lough, a New York merchant on a steamer, cabled a graphic description of the eruption and the burning of Mount Pelee, and Roul Sartout, the prisoner of St. Pierre, who was the sole survivor in the destruction of the city, told the story of its horrors in THE WORLD, while E. J. Dora, born in the shadow of Mount Pelee, but now living in New York, presented a history and description of the island.

Governor Llewellyn, of the Windward Islands, cabled the thanks of the sufferers to THE WORLD for provisions sent to St. Vincent by United States ship Dixie, where La Soufriere had belched forth in sympathy, destroying 1,600 lives.

#### KEEPING THE BENCH OUT OF POLITICS.

Governor Odell's acquiescence in the refusal of Senator Platt to permit the renomination of Judge Gray for the Court of Appeals bench was characterized by THE WORLD as a judicial blunder, the true principle of non-partisanship in the election of judges plainly requiring the retention of this upright Democratic Judge on the bench. And again, when by the Governor's partisan intermeddling by the forcing of the nomination of Attorney-General John C. Davies for the bench on his party in the Fifth District against the protest of the bar, THE WORLD demanded the defeat of both the Republican candidates as a rebuke to partisan intermeddling, and warned Governor Odell that these acts put his own election in jeopardy.

Both candidates were defeated by emphatic majorities. Judge Gray and Mr. Rogers are independent in politics, being elected, while Odell escaped defeat by the narrow margin of 8,500 in a vote of nearly a million and a half.

#### FRANCHISE TAX LAW UPHELD.

In response to public opinion, led by THE WORLD, the State Legislature passed the law which provided for the just taxation of the franchises granted by the people for monopolies of public patronage for public conveniences, like street cars, telephones, and gas. For three years the collection of this tax had been held up by suits brought by the corporations. They now owe \$12,000,000 arrears under the law, and they have been beaten at every stage of the fight from the lowest to the highest State courts. They contemplate carrying the fight to the United States Supreme Court, but THE WORLD expresses confidence of ultimate victory for this just measure.

#### CONEY ISLAND SEASIDE PARK.

The establishment of New York's first ocean park on July 1 was the result of a long, hard fight. THE WORLD, with the privileges of a successful advocate of the popular cause, had reason to congratulate the people on their acquisition for pleasure and health. It cost only \$50,000, and is the best \$50,000 worth in the boundaries of Greater New York.

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Make THE WORLD Your Paper in the New Century!

THE astronomical calculations in this ALMANAC were expressly made for it by Dr. J. Morrison, of Washington, D. C., and are expressed in local mean time.

**Chronological Eras.**

The year 1903 corresponds to the year 7411-12 of the Byzantine era; to 5663-64 of the Jewish era, the year 5664 commencing at sunset on September 21; to 2656 since the foundation of Rome according to Varro; to 2679 of the Olympiads (the third year of the 670th Olympiad beginning July 1, 1903); to 2563 of the Japanese era, and to the 36th year of the period entitled "Meiji;" to 1320-21 of the Mohammedan era or the era of the Hegira, the year 1321 beginning on March 30, 1903. The 128th year of the Independence of the United States of America begins on July 4, 1903.

**Date of Beginning of Epochs, Eras, and Periods.**

| Name.                            | Began.              | Name.                               | Began.             |
|----------------------------------|---------------------|-------------------------------------|--------------------|
| Grecian Mundane Era.....         | B. C. 5598, Sept. 1 | Grecian or Syro-Macedonian Era..... | B. C. 312, Sept. 1 |
| Civil Era of Constantinople..... | " 5508, Sept. 1     | Era of Maccabees.....               | " 166, Nov. 24     |
| Alexandrian Era.....             | " 5502, Aug. 29     | Tyrian Era.....                     | " 125, Oct. 19     |
| Julian Period.....               | " 4713, Jan. 1      | Sidonian Era.....                   | " 110, Oct. 1      |
| Mundane Era.....                 | " 4008, Oct. 1      | Julian Year.....                    | " 45, Jan. 1       |
| Jewish Mundane Era.....          | " 3761, Oct. 1      | Spanish Era.....                    | " 38, Jan. 1       |
| Era of Abraham.....              | " 2015, Oct. 1      | Augustan Era.....                   | " 27, Feb. 14      |
| Era of the Olympiads.....        | " 776, July 1       | Vulgar Christian Era.....           | A. D. 1, Jan. 1    |
| Roman Era (A. U. C.).....        | " 753, Apr. 24      | Destruction of Jerusalem.....       | " 69, Sept. 1      |
| Metonic Cycle.....               | " 432, July 15      | Mohammedan Era.....                 | " 622, July 16     |

**Chronological Cycles.**

|                       |   |                                  |   |                      |       |
|-----------------------|---|----------------------------------|---|----------------------|-------|
| Dominical Letter..... | D | Lunar Cycle (Golden Number)..... | 4 | Roman Indiction..... | 1     |
| Epact.....            | 2 | Solar Cycle.....                 | 8 | Julian Period.....   | .6616 |

**The Seasons.**

|                                 | D.        | H. |            |
|---------------------------------|-----------|----|------------|
| Vernal Equinox, Spring begins   | March     | 21 | 2 2 P. M.  |
| Summer Solstice, Summer begins  | June      | 22 | 10 0 A. M. |
| Autumnal Equinox, Autumn begins | September | 24 | 12 7 A. M. |
| Winter Solstice, Winter begins  | December  | 22 | 7 3 P. M.  |

} New York Mean Time.

**Morning Stars.**

MERCURY.—February 2 to April 12; June 3 to July 26; October 3 to November 21.  
 VENUS.—September 17 to end of year.  
 MARS.—January 1 to March 29.  
 JUPITER.—February 19 to September 12.  
 SATURN.—January 21 to July 30.

**Evening Stars.**

MERCURY.—January 1 to February 2; April 12 to June 3; July 26 to October 3; November 21 to end of year.  
 VENUS.—January 1 to September 17.  
 MARS.—March 29 to end of year.  
 JUPITER.—January 1 to February 19; September 12 to end of year.  
 SATURN.—January 1 to January 21; July 30 to end of year.

NOTE.—An inferior planet is a morning star from Inferior to Superior Conjunction, and an evening star from Superior to Inferior Conjunction. A superior planet is a morning star from Conjunction to Opposition and an evening star from Opposition to Conjunction.

**Church Memoranda for 1903.**

| January.                  | April.                      | July.                      | October.                   |
|---------------------------|-----------------------------|----------------------------|----------------------------|
| 1 Thursday.               | 1 Wednesday.                | 1 Wednesday.               | 1 Thursday.                |
| 6 Epiphany.               | 5 Palm Sunday.              | 5 iv. Sundayaft. Trinity.  | 4 xvii. Sun. aft. Trinity. |
| 11 i. Sun. aft. Epiphany. | 10 Good Friday.             | 12 v. " " "                | 11 xviii. " " "            |
| 18 ii. " " "              | 12 Easter Sunday.           | 19 vi. " " "               | 18 xix. " " "              |
| 25 iii. " " "             | 19 i. Sunday aft. Easter.   | 26 vii. " " "              | 25 xx. " " "               |
|                           | 25 St. Mark.                |                            | 29 St. Simon & St. Jude.   |
|                           | 26 ii. Sunday aft. Easter.  |                            |                            |
| February.                 | May.                        | August.                    | November.                  |
| 1 iv. Sun. aft. Epiphany. | 1 Friday. Sts. Ph. & Jas.   | 1 Saturday.                | 1 xxi. Sun. aft. Trinity.  |
| 8 Septuagesima Sunday.    | 3 iii. Sunday aft. Easter.  | 2 xvii. Sun. aft. Trinity. | 8 xxii. " " "              |
| 15 Sexagesima Sunday.     | 10 iv. " " "                | 6 Transfiguration.         | 15 xxiii. " " "            |
| 22 Quinquagesima          | 17 v. " " "                 | 9 ix. Sun. aft. Trinity.   | 22 xxiv. " " "             |
| 25 Ash Wednesday.         | 24 Ascension.               | 16 x. " " "                | 29 Advent Sunday.          |
|                           | 24 Sunday aft. Ascension    | 23 xi. " " "               | 30 St. Andrew.             |
|                           | 31 Whit Sunday.             | 30 xii. " " "              |                            |
| March.                    | June.                       | September.                 | December.                  |
| 1 i. Sunday in Lent.      | 1 Monday.                   | 1 Tuesday.                 | 1 Tuesday.                 |
| 8 ii. " " "               | 7 Trinity Sunday.           | 6 xiii. Sun. aft. Trinity. | 6 ii. Sunday in Advent.    |
| 16 iii. " " "             | 11 St. Barnabas.            | 13 xiv. " " "              | 13 iii. " " "              |
| 19 Thurs. (MI-Careme).    | 14 i. Sunday aft. Trinity.  | 20 xv. " " "               | 20 iv. " " "               |
| 22 iv. Sunday in Lent.    | 21 ii. " " "                | 27 xvi. " " "              | 25 Christmas.              |
| 25 Annunc. Virgin Mary.   | 24 St. John Baptist.        | 29 Michaelmas.             | 27 St. John Evangelist,    |
| 29 v. Sunday in Lent.     | 28 iii. Sunday aft. Trinity |                            | sun. aft. Christmas.       |
|                           |                             |                            | 31 Thursday.               |

## Ember and Rogation Days.

EMBER and Rogation Days are certain periods of the year devoted to prayer and fasting. Ember Days (twelve annually) are the Wednesday, Friday, and Saturday after the first Sunday in Lent, after the feast of Pentecost (Whit Sunday), after the festival of the Holy Cross (September 14), and after the festival of St. Lucia (December 13). Ember Weeks are the weeks in which the Ember Days appear.

Rogation Days are the three days immediately preceding Holy Thursday or Ascension Day.

## Church Fasts.

THE Roman Catholic Days of fasting are the forty days of Lent, the Ember Days, the Wednesdays and Thursdays of the four weeks in Advent, and certain vigils or evenings prior to the greater feasts. In the American Episcopal Church the days of fasting or abstinence to be observed, according to the Book of Common Prayer, are the forty days of Lent, the Ember Days, the three Rogation Days, and all the Fridays of the year except Christmas Day. In the Greek Church the four principal fasts are those in Lent, the week succeeding Whitsuntide, the fortnight before the Assumption, and forty days before Christmas.

## Divisions of Time.

THE interval between two consecutive transits of a fixed star over any meridian or the interval during which the earth makes one absolute revolution on its axis is called a *Sidereal Day*, and is invariable, while the interval between two consecutive transits of the Sun over any meridian is called an *Apparent Solar Day*, and its length varies from day to day by reason of the variable motion of the earth in its orbit, and the inclination of this orbit to the equator on which time is measured.

A *Mean Solar Day* is the average or mean of all the apparent solar days in a year. *Mean Solar Time* is that shown by a well-regulated clock or watch, while *Apparent Solar Time* is that shown by a well-constructed sun-dial; the difference between the two at any time is the *Equation of Time*, and may amount to 16 minutes and 21 seconds. The Astronomical Day begins at noon and the Civil Day at the preceding midnight. The Sidereal and Mean Solar Days are both invariable, but one day of the latter is equal to 1 day, 3 minutes, and 56.555 seconds of the former.

The interval during which the earth makes one absolute revolution round the Sun is called a *Sidereal Year*, and consists of 365 days, 6 hours, 9 minutes, and 9.6 seconds, which is invariable.

The *Tropical Year* is the interval between two consecutive returns of the Sun to the Vernal Equinox. If this were a fixed point, the Sidereal and Tropical Years would be identical; but in consequence of the disturbing influence of the moon and planets on the spheroidal figure of the earth, the Equinox has a slow, retrograde mean motion of 50'' 26' annually, so that the Sun returns to the Equinox sooner every year than he otherwise would by 20 minutes 23.6 seconds; the *Tropical Year*, therefore, consists of 365 days, 5 hours, 48 minutes, and 46 seconds. The *Tropical Year* is not of uniform length; it is now slowly decreasing at the rate of .595 second per century, but this variation will not always continue.

Julius Cæsar, in B. C. 45, was the first to reform the calendar by ordering that every year whose date number is exactly divisible by 4 contain 366 days, and all other years 365 days. The intercalary day was introduced by counting the *sixth* day before the Kalends of March *twice*; hence the name bissextile, from bis, twice, and sex, six. He also changed the beginning of the year from 1st of March to the 1st of January, and also changed the name of the fifth month (Quintilis) to July, after himself. The average length of the Julian year is therefore 365 $\frac{1}{4}$  days, which, however, is too long by 11 minutes and 14 seconds, and this would accumulate in 400 years to about three days. The Julian Calendar continued in use until A. D. 1582, when the date of the beginning of the seasons occurred 10 days later than in B. C. 45, when this mode of reckoning time was introduced.

The Gregorian Calendar was introduced by Pope Gregory XIII. with the view of keeping the Equinox to the same day of the month. It consists of 365 days, but every year exactly divisible by 4 and the centennial years which are exactly divisible by 400 contain 366 days; and if in addition to this arbitrary arrangement the centennial years exactly divisible by 4,000 contain 366 days, the error in the Gregorian system will amount to only one day in about 20 centuries. If, however, 31 leap years were intercalated in 128 years, instead of 32 as at present, the calendar would be practically exact and the error would not amount to more than a day in 100,000 years. The length of the mean Gregorian Year may therefore be set down at 365 days, 5 hours, 49 minutes, 12 seconds. The Gregorian Calendar was introduced into England and her colonies in 1752, at which time the Equinox had retrograded 11 days since the Council of Nice in A. D. 325, when the festival of Easter was established and the Equinox occurred on March 21; hence September 3, 1752, was called September 14, and at the same time the commencement of the legal year was changed from March 25 to January 1, so that the year 1751 lost the months of January and February and the first 24 days of March. The difference between the Julian and Gregorian Calendars is now 13 days. Russia and the Greek Church still employ the Julian Calendar for civil and ecclesiastical purposes.

## Standard Time.

PRIMARILY, for the convenience of the railroads, a standard of time was established by mutual agreement in 1883, by which trains are run and local time regulated. According to this system, the United States, extending from 65° to 125° west longitude, is divided into four time sections, each of 15° of longitude, exactly equivalent to one hour, commencing with the 75th meridian. The first (eastern) section includes all territory between the Atlantic coast and an irregular line drawn from Detroit to Charleston, S. C., the latter being its most southern point. The second (central) section includes all the territory between the last-named line and an irregular line from Bismarck, N. D., to the mouth of the Rio Grande. The third (mountain) section includes all territory between the last-named line and nearly the western borders of Idaho, Utah, and Arizona. The fourth (Pacific) section covers the rest of the country to the Pacific coast. Standard time is uniform inside each of these sections, and the time of each section differs from that next to it by exactly one hour. Thus at 12 noon in New York City (eastern time), the time at Chicago (central time) is 11 o'clock A. M.; at Denver (mountain time), 10 o'clock A. M., and at San Francisco (Pacific time), 9 o'clock A. M. Standard time is 16 minutes slower at Boston than true local time, 4 minutes slower at New York, 8 minutes faster at Washington, 19 minutes faster at Charleston, 28 minutes slower at Detroit, 13 minutes faster at Kansas City, 10 minutes slower at Chicago, 1 minute faster at St. Louis, 28 minutes faster at Salt Lake City, and 10 minutes faster at San Francisco.

Table of Days Between Two Dates.

A TABLE OF THE NUMBER OF DAYS BETWEEN ANY TWO DAYS WITHIN TWO YEARS.

Table with 24 columns (Day Mo., Jan., Feb., Mar., April, May, June, July, Aug., Sept., Oct., Nov., Dec.) and 24 rows (Day Mo., Jan., Feb., Mar., April, May, June, July, Aug., Sept., Oct., Nov., Dec.).

The above table applies to ordinary years only. For leap year, one day must be added to each number of days after February 28.

EXAMPLE.—To find the number of days between June 3, 1900, and February 16, 1901: The figures opposite the third day in the first June column are 154; those opposite the sixteenth day in the second February column are 412. Subtract the first from the second product—i. e., 154 from 412, and the result is 258, the number of days between the two dates.

Easter Sunday.

A TABLE SHOWING THE DATE OF EASTER SUNDAY IN EACH YEAR OF THE NINETEENTH AND TWENTIETH CENTURIES.

Table with 6 columns showing the date of Easter Sunday for each year from 1801 to 2000.

## Facts About the Earth.

ACCORDING to Clark, the equatorial semi-diameter is 20,926,202 feet—3963,206 miles, and the polar semi-diameter is 20,854,895 feet—3950,738 miles. One degree of latitude at the pole=69,407 miles. One degree of latitude at the equator=68,704 miles.

### POPULATION OF THE EARTH BY CONTINENTS. (From Proceedings of the Royal Geographical Society.)

| CONTINENTAL DIVISIONS. | Area in Square Miles. | INHABITANTS. |               | CONTINENTAL DIVISIONS. | Area in Square Miles. | INHABITANTS.  |               |
|------------------------|-----------------------|--------------|---------------|------------------------|-----------------------|---------------|---------------|
|                        |                       | Number.      | Per Sq. Mile. |                        |                       | Number.       | Per Sq. Mile. |
| Africa .....           | 11,514,000            | 127,000,000  | 11.00         | Australasia            | 3,288,000             | 4,750,000     | 1.40          |
| America, N.            | 6,446,000             | 89,250,000   | 13.80         | Europe.....            | 3,555,000             | 380,200,000   | 106.90        |
| America, S.            | 6,837,000             | 36,420,000   | 5.30          | Polar Reg.....         | 4,888,800             | 300,000       | 0.07          |
| Asia .....             | 14,710,000            | 850,000,000  | 57.70         | Total.....             | 51,238,800            | 1,487,900,000 | 29.00         |

The above estimate was made by Ernest George Ravenstein, F. R. G. S., the geographer and statistician, and is for 1890. The population of North America, 1900, had increased to over 100,000,000.

An estimate of population of the earth, made by Drs. Wagner and Supan, editors of "Bevölkerung der Erde" (Perthes, Gotha, 1891), is as follows: Europe, 357,379,000; Asia, 825,954,000; Africa, 163,953,000; America, 121,713,000; Australia, 3,230,000; Oceanic Islands, 7,420,000; polar regions, 80,400. Total, 1,479,729,400. The estimate of area of the continents and islands by the same authorities is 52,821,684.

Ravenstein's estimate of the earth's fertile region, in square miles, is 28,269,200; steppe, 13,901,000; desert, 4,180,000; polar regions, 4,888,800.

The population of the earth at the death of the Emperor Augustus, estimated by Bodio, was 54,000,000. The population of Europe hardly exceeded 50,000,000 before the fifteenth century.—*Mulhall*.

The area and cubic contents of the earth, according to the data of Clark, given above, are: Surface, 196,971,984 square miles; cubic contents, 259,944,035,515 cubic miles.

Murray (Challenger expedition) states the greatest depth of the Atlantic Ocean at 27,366 feet; Pacific Ocean, 30,000 feet; Indian Ocean, 18,582 feet; Southern Ocean, 25,200 feet; Arctic Ocean, 9,000 feet. The Atlantic Ocean has an area, in square miles, of 24,536,000; Pacific Ocean, 50,309,000; Indian Ocean, 17,084,000; Arctic Ocean, 4,781,000; Southern Ocean, 30,592,000. The highest mountain is believed to be Deodhunga, one of the Himalayas, 29,002 feet.

For population of the earth according to creed, see RELIGIOUS STATISTICS.

### POPULATION OF THE EARTH ACCORDING TO RACE. (Estimated by John Bartholomew, F. R. G. S., Edinburgh.)

| RACE.                                         |  | Location.                 | Number.     | RACE.                              |                          | Location.     | Number. |
|-----------------------------------------------|--|---------------------------|-------------|------------------------------------|--------------------------|---------------|---------|
| Indo-Germanic                                 |  | Europe, Persia, etc.....  | 545,500,000 | Hottentot and Bushman (black)..... | South Africa             | 150,000       |         |
| Aryan (white).....                            |  |                           |             | Malay and Polynesian (brown).....  | Australasia & Polynesia  | 35,000,000    |         |
| Mongolian or Turanian (yellow and brown)..... |  | Greater part of Asia..... | 630,000,000 | American Indian (red).....         | North & So. America..... | 15,000,000    |         |
| Semitic or Hamitic (white).....               |  | North Africa, Arabia..... | 65,000,000  | Total.....                         |                          | 1,440,650,000 |         |
| Negro and Bantu (black).....                  |  | Central Africa.....       | 150,000,000 |                                    |                          |               |         |

The human family is subject to forty-seven principal governments. As to their form they may be classified as follows: *Absolute monarchies*, Abyssinia, Afghanistan, China, Korea, Morocco, Persia, Russia, Siam, Turkey; *Limited monarchies*, Austria-Hungary, Belgium, British Empire, Denmark, Germany, Greece, Italy, Japan, Montenegro, Netherlands, Portugal, Roumania, Servia, Sweden and Norway, Spain; *Republics*, Argentine Republic, Bolivia, Brazil, Chile, Colombia, Costa Rica, Cuba, Ecuador, France, Guatemala, Hayti, Honduras, Liberia, Mexico, Nicaragua, Paraguay, Peru, Salvador, San Domingo, Switzerland, United States of America, Uruguay, Venezuela. Besides these are the undefined despotisms of Central Africa, and a few insignificant independent States.

The average duration of human life is about 33 years. One-quarter of the people on the earth die before age 6, one-half before age 16, and only about 1 person of each 100 born lives to age 65. The deaths are calculated at 67 per minute, 97,790 per day, and 35,639,835 per year; the births at 70 per minute, 100,800 per day, and 36,792,000 per year.

### EUROPEAN LANGUAGES SPOKEN.

| LANGUAGES.    | NUMBER OF PERSONS SPOKEN BY. |             | PROPORTION OF THE WHOLE. | LANGUAGES.   | NUMBER OF PERSONS SPOKEN BY. |             | PROPORTION OF THE WHOLE. |
|---------------|------------------------------|-------------|--------------------------|--------------|------------------------------|-------------|--------------------------|
|               | 1801.                        | 1890.       | 1801. 1890.              |              | 1801.                        | 1890.       | 1801. 1890.              |
| English ..... | 20,520,000                   | 111,100,000 | 12.7 27.7                | Portuguese   | 7,480,000                    | 13,000,000  | 4.7 3.2                  |
| French .....  | 31,450,000                   | 51,200,000  | 19.4 12.7                | Russian .... | 30,770,000                   | 75,000,000  | 19.0 18.7                |
| German .....  | 30,320,000                   | 75,200,000  | 18.7 18.7                | Total .....  | 161,800,000                  | 401,700,000 | 100.0 100.0              |
| Italian ..... | 15,070,000                   | 33,400,000  | 9.3 8.3                  |              |                              |             |                          |
| Spanish ..... | 26,190,000                   | 42,800,000  | 16.2 10.7                |              |                              |             |                          |

These estimates by Mulhall (1891) exhibit the superior growth of the English language in the last ninety years. Another authority (see "English-Speaking Religious Communities") estimates the number using the English language in 1895 at over 124,180,000. English is fast becoming the polite tongue of Europe.



# Legal Holidays in the Various States.

**JANUARY 1. NEW YEAR'S DAY:** In all the States (including the District of Columbia, Arizona, and New Mexico), except Massachusetts, Mississippi, and New Hampshire.

**JANUARY 8. ANNIVERSARY OF THE BATTLE OF NEW ORLEANS:** In Louisiana.

**JANUARY 19. LEE'S BIRTHDAY:** In Florida, Georgia, North Carolina, South Carolina, Virginia, and Alabama.

**FEBRUARY 11, 1903. MARDI-GRAS:** In Alabama and the parish of Orleans, Louisiana.

**FEBRUARY 12. LINCOLN'S BIRTHDAY:** In Connecticut, Illinois, Minnesota, New Jersey, New York, North Dakota, Pennsylvania, Washington (State), and Wyoming.

**FEBRUARY (Third Tuesday). SPRING ELECTION DAY:** In Pennsylvania.

**FEBRUARY 22. WASHINGTON'S BIRTHDAY:** In all the States (including the District of Columbia and Arizona), except Mississippi, where it is observed by exercises in the public schools only.

**MARCH 2. ANNIVERSARY OF TEXAN INDEPENDENCE:** In Texas.

**APRIL 10, 1903. GOOD FRIDAY:** In Alabama, Louisiana, Maryland, Pennsylvania, Tennessee.

**APRIL 19. PATRIOTS' DAY:** In Massachusetts.

**APRIL 21. ANNIVERSARY OF THE BATTLE OF SAN JACINTO:** In Texas.

**APRIL 26. CONFEDERATE MEMORIAL DAY:** In Alabama, Florida, Georgia, and Mississippi.

**MAY 10. CONFEDERATE MEMORIAL DAY:** In North Carolina and South Carolina.

**MAY (Second Friday). CONFEDERATE DAY:** In Tennessee.

**MAY 20. ANNIVERSARY OF THE SIGNING OF THE MECKLENBURG DECLARATION OF INDEPENDENCE:** In North Carolina.

**MAY 30. DECORATION DAY:** In all the States and Territories (and District of Columbia), except Alabama, Florida, Georgia, Idaho, Louisiana, Mississippi, North Carolina, South Carolina, Texas. In Virginia, known as "Confederate Memorial Day."

**JUNE — First Monday in June, even years, general State election in Oregon.**

**JUNE 3. JEFFERSON DAVIS' BIRTHDAY:** In Florida, Georgia, and Alabama. In Louisiana, known as "Confederate Decoration Day."

**JULY 4. INDEPENDENCE DAY:** In all the States, District of Columbia, and Territories.

**JULY 24. PIONEERS' DAY:** In Utah.

**AUGUST 16. BENNINGTON BATTLE DAY:** In Vermont.

**SEPTEMBER 7, 1903. LABOR DAY:** In all the States and Territories (and District of Columbia), except Arizona, Mississippi, Nevada, and North Dakota. In Louisiana, observed in Orleans Parish.

**SEPTEMBER 9. ADMISSION DAY:** In California.

**NOVEMBER 1. ALLSAINTS' DAY:** In Louisiana.

**NOVEMBER — GENERAL ELECTION DAY:** In Arizona, California, Colorado, Idaho, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maryland, Minnesota, Missouri, Montana, Nevada, New

Hampshire, New Jersey, New York, North Dakota, Ohio, Oklahoma, Oregon (vote for Presidential elections only), Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, West Virginia, Washington, Wisconsin, and Wyoming, in the years when elections are held therein. In 1903 in States holding such elections the date is November 3.

**NOVEMBER — 1903. THANKSGIVING DAY (usually the fourth Thursday in November):** Is observed in all the States, and in the District of Columbia, Arizona, and New Mexico, though in some States it is not a statutory holiday.

**DECEMBER 25. CHRISTMAS DAY:** In all the States, and in the District of Columbia, Arizona, New Mexico, and Oklahoma.

Sundays and Fast Days are legal holidays in all the States which designate them as such.

There are no statutory holidays in Mississippi, but by common consent the Fourth of July, Thanksgiving, and Christmas are observed as holidays. In Kansas Decoration Day, Labor Day, and Washington's Birthday are the only legal holidays by legislative enactment; other legal holidays are so only by common consent. In New Mexico, Washington's Birthday, Decoration Day, Labor Day, Flag Day (June 14), and Arbor Day are holidays when so designated by the Governor.

**ARBOR DAY** is a legal holiday in Arizona, Maine, Minnesota, New Mexico, North Dakota, Wisconsin, and Wyoming, the day being set by the Governor; in Texas, February 22; Nebraska, April 22; Utah, April 15; Rhode Island, May 11; Montana, second Tuesday in May; Florida, first Friday in February; Georgia, first Friday in December; Colorado (school holiday only), third Friday in April.

Every Saturday after 12 o'clock noon is a legal holiday in New York, New Jersey, Pennsylvania, Maryland, Tennessee, Virginia, and the city of New Orleans, and in Newcastle County, Del., except in St. George's Hundred; in Louisiana and Missouri in cities of 100,000 or more inhabitants; in Ohio in cities of 50,000 or more inhabitants; and June 1 to August 31 in Denver, Col. In the District of Columbia for all purposes respecting the presentation for payment or acceptance or the protesting of all commercial paper whatsoever. In Connecticut, Maine, and West Virginia banks close at 12 noon on Saturdays.

There is no national holiday, not even the Fourth of July. Congress has at various times appointed special holidays. In the second session of the Fifty-third Congress it passed an act making Labor Day a public holiday in the District of Columbia, and it has recognized the existence of certain days as holidays for commercial purposes, but, with the exception named, there is no general statute on the subject. The proclamation of the President designating a day of Thanksgiving only makes it a legal holiday in the District of Columbia and the Territories, and in those States which provide by law for it.

## Old English Holidays.

THESE holidays, with their names, had their origin in mediæval England when the State religion was that of the Church of Rome, and they are still observed generally or in some parts of England, Scotland, and Ireland.

**JANUARY 6. TWELFTH DAY,** or Twelfth-tide, sometimes called Old Christmas Day, the same as Epiphany. The previous evening is Twelfth Night, with which many social rites have long been connected.

**FEBRUARY 2. CANDLEMAS:** Festival of the Purification of the Virgin. Consecration of the lighted candles to be used in the church during the year.

**FEBRUARY 14. OLD CANDLEMAS:** St. Valentine's Day.

**MARCH 25. LADY DAY:** Annunciation of the Virgin. April 6 is old Lady Day.

**JUNE 24. MIDSUMMER DAY:** Feast of the Nativity of John the Baptist. July 7 is old Midsommer Day.

**JULY 15. ST. SWITHUN'S DAY:** There was an old superstition that if rain fell on this day it would continue forty days.

**AUGUST 1. LAMMAS DAY:** Originally in England the festival of the wheat harvest. In the Church the festival of St. Peter's miraculous deliverance from prison. Old Lammas Day is August 13.

**SEPTEMBER 29. MICHAELMAS:** Feast of St. Michael, the Archangel. Old Michaelmas is October 11.

**NOVEMBER 1. ALLHALLOWMAS:** All-hallows, or All Saints' Day. The previous evening is All-hallow-e'en, observed by home gatherings and old-time festive rites.

**NOVEMBER 2. ALL SOULS' DAY:** Day of prayer for the souls of the dead.

**NOVEMBER 11. MARTINMAS:** Feast of St. Martin. Old Martinmas is November 23.

**DECEMBER 25. CHILDRENAS:** Holy Innocents Day.

**Lady Day, Midsommer Day, Michaelmas, and Christmas** are quarter (rent) days in England, and Whitsunday, Martinmas, Candlemas, and Lammas Day in Scotland.

Shrove Tuesday, the day before Ash Wednesday, and Mandy Thursday, the day before Good Friday, are observed by the Church. Mothering Sunday is Mid-Lent Sunday, in which the old rural custom obtains of visiting one's parents and making them presents.

## Table of Memorable Dates.

| A. D.                                      | A. D.                                        | A. D.                                       |
|--------------------------------------------|----------------------------------------------|---------------------------------------------|
| 1183 Fall of Troy.                         | 1664 The great plague of London.             | 1830 Revolution in France, Orleansist suc-  |
| 1682 Era of the Great Pyramid.             | 1666 The great fire of London began Sept. 2. | cession.                                    |
| 878 Carthage founded.                      | 1679 Habeas Corpus Act passed in Eng-        | 1822 S. Carolina Nullification Ordinance.   |
| 776 Olympic Era began.                     | land.                                        | 1835 Morse invented the telegraph.          |
| 753 Foundation of Rome.                    | 1682 Pennsylvania settled by William Penn    | 1835 Seminole War in Florida began.         |
| 583 Jerusalem taken by Nebuchadnezzar.     | 1685 Revocation of the Edict of Nantes,      | 1837 Accession of Queen Victoria, June 20   |
| 536 Restoration of the Jews under Cyrus.   | Oct. 22.                                     | 1845 Texas annexed.                         |
| 509 Expulsion of Tarquins from Rome.       | 1688 James II. abdicated, Dec. 11.           | 1846 Sewing machine completed by Elias      |
| 460 Xerxes defeated Greeks at Ther-        | 1690 Battle of the Boyne, July 1.            | How.                                        |
| mopylae.                                   | 1690 First newspaper in America; at          | 1846 Irish Potato Famine.                   |
| 55 Caesar conquered Britain.               | Boston.                                      | 1846 British Crown laws repealed, June 26.  |
| 4 Birth of Jesus Christ.                   | 1704 Gibraltar was taken by the English.     | 1846 War with Mexico began.                 |
| A. D.                                      | 1713 Peace of Utrecht, April 11.             | 1848 French Revolution. Republic suc-       |
| 29 The Crucifixion.                        | 1714 Accession of House of Hanover, Aug. 1   | ceeded.                                     |
| 70 Jerusalem was destroyed by Titus.       | 1715 First Jacobite Rebellion in Great       | 1848 Gold discovered in California, Sept.   |
| 313 Constantine converted to Christianity. | Britain.                                     | 1851 Gold discovered in Australia, Feb. 12  |
| 410 The Romans abandoned Britain.          | 1720 South Sea Bubble.                       | 1851 First International Exhibition, London |
| 827 Egbert, first king of all England.     | 1745 Battle of Fontenoy, April 30.           | 1852 Louis Napoleon became Emperor,         |
| 1066 Battle of Hastings. Norman Conquest   | 1745 Second Jacobite Rebellion in Great      | Dec. 2.                                     |
| 1096 The Crusades began.                   | Britain.                                     | 1853 Crimean War began.                     |
| 1172 Ireland was conquered by Henry II.    | 1756 Black Hole Suffocation in Calcutta.     | 1857 The Great Mutiny in India.             |
| 1453 Constantinople taken by the Turks.    | 1757 Clive won Battle of Plassey in India.   | 1857 The Dred Scott decision.               |
| 1495 The Wars of the Roses began.          | 1759 Canada was taken from the French.       | 1859 John Brown's raid into Virginia.       |
| 1492 The Bible was first printed at Mentz. | 1765 Stamp Act enacted.                      | 1860 South Carolina seceded, Dec. 20.       |
| 1471 Caxton set up his printing press.     | 1773 Steam engine perfected by Watt.         | 1861 Emancipation of the Russian serfs.     |
| 1486 The feuds of York and Lancaster       | 1773 Tea destroyed in Boston Harbor,         | 1863 Lincoln's Emancipation Procla-         |
| ended.                                     | Dec. 16.                                     | mation, Jan. 1.                             |
| 1415 Battle of Agincourt, Oct. 25.         | 1775 Battle of Lexington, April 19.          | 1863 Battle of Gettysburg, July 1-3.        |
| 1431 Joan of Arc was burnt, May 30.        | 1775 Battle of Bunker Hill, June 17.         | 1865 Lee surrendered at Appomattox,         |
| 1453 Constantinople taken by the Turks.    | 1776 Declaration of Independence, July 4.    | April 9.                                    |
| 1495 The Wars of the Roses began.          | 1777 Burgoyne's surrender, Oct. 17.          | 1865 President Lincoln assassinated,        |
| 1492 The Bible was first printed at Mentz. | 1779 Capt. Cook was killed, Feb. 14.         | April 14.                                   |
| 1471 Caxton set up his printing press.     | 1781 Cornwallis' surrender at Yorktown,      | 1866 Battle of Sadowa. Prussia beat         |
| 1486 The feuds of York and Lancaster       | Oct. 19.                                     | Austria.                                    |
| ended.                                     | 1781 First settlement in Australia, Jan. 26. | 1867 Emperor Maximilian of Mexico ex-       |
| 1415 Battle of Agincourt, Oct. 25.         | 1783 The French Revolution began July 14     | ecuted.                                     |
| 1431 Joan of Arc was burnt, May 30.        | 1789 Washington first inaugurated President  | 1867 The Dominion of Canada established     |
| 1453 Constantinople taken by the Turks.    | 1789 Cotton-gin invented by Whitney.         | 1870 Franco-German War began, July 19.      |
| 1495 The Wars of the Roses began.          | 1793 Louis XVI. of France executed, Jan. 21  | 1870 Capitulation of French at Sedan,       |
| 1492 The Bible was first printed at Mentz. | 1796 Vaccination discovered by Jenner.       | Sept. 1.                                    |
| 1471 Caxton set up his printing press.     | 1798 The Irish Rebellion.                    | 1870 Rome became the capital of Italy.      |
| 1486 The feuds of York and Lancaster       | 1799 Battle of Seringapatam; death of        | 1871 The German Empire re-established.      |
| ended.                                     | Tippon.                                      | 1871 The Irish Church was disestablished.   |
| 1415 Battle of Agincourt, Oct. 25.         | 1799 Bonaparte declared First Consul,        | 1871 The great fire in Chicago, Oct. 8-11.  |
| 1431 Joan of Arc was burnt, May 30.        | Nov. 10.                                     | 1872 The great fire in Boston, Nov. 9.      |
| 1453 Constantinople taken by the Turks.    | 1801 Union of Great Britain and Ireland,     | 1876 Centennial Exposition at Philadelphia  |
| 1495 The Wars of the Roses began.          | Jan. 1.                                      | 1881 President Garfield shot.               |
| 1492 The Bible was first printed at Mentz. | 1803 Louisians purchased from the French     | 1881 British occupation of Egypt.           |
| 1471 Caxton set up his printing press.     | 1804 Bonaparte became Emperor of France      | 1889 Brazil became a Republic.              |
| 1486 The feuds of York and Lancaster       | 1805 Battle of Trafalgar; death of Nelson.   | 1889 Johnstown, Pa., flood, May 31.         |
| ended.                                     | 1807 Fulton's first steamboat voyage.        | 1893 World's Columbian Exposition at        |
| 1415 Battle of Agincourt, Oct. 25.         | 1812 Second war with Great Britain.          | Chicago.                                    |
| 1431 Joan of Arc was burnt, May 30.        | 1812 The French expedition to Moscow.        | 1894 Chinese-Japanese War began.            |
| 1453 Constantinople taken by the Turks.    | 1813 Perry's victory on Lake Erie, Sept. 10. | 1895 Cuban Revolution began, Feb. 20.       |
| 1495 The Wars of the Roses began.          | 1814 The printing machine invented.          | 1897 The Turkish-Greek War.                 |
| 1492 The Bible was first printed at Mentz. | 1814 Scott's "Waverley" published.           | 1898 The Spanish-American War.              |
| 1471 Caxton set up his printing press.     | 1815 Battle of New Orleans, Jan. 8.          | 1899 Universal Peace Conference.            |
| 1486 The feuds of York and Lancaster       | 1815 Battle of Waterloo, June 18.            | 1899 The South African War began.           |
| ended.                                     | 1819 First steamship crossed the Atlantic.   | 1900 Boxer Insurrection in China and occu-  |
| 1415 Battle of Agincourt, Oct. 25.         | 1820 Missouri Compromise adopted.            | pation of Peking by foreign armies.         |
| 1431 Joan of Arc was burnt, May 30.        | 1823 Monroe Doctrine declared, Dec. 2.       | 1900 The Galveston tornado, Sept. 8.        |
| 1453 Constantinople taken by the Turks.    | 1825 First passenger railroad in the         | 1901 Death of Queen Victoria.               |
| 1495 The Wars of the Roses began.          | United States.                               | 1901 Assassination of President McKinley    |

## The French Revolutionary Era.

In September, 1793, the convention decreed that the common era should be abolished in all civil affairs, and that the new French era should begin on September 22, 1792, the day of the true autumnal equinox, and that each succeeding year should begin at the midnight of the day on which the true autumnal equinox falls. The year was divided into twelve months of thirty days each. In ordinary years there were five extra days, from the 17th to the 21st of our September, and was continued every fourth year was a sixth complimentary day. This reckoning was first used on November 22, 1793, and was discontinued until December 31, 1805, when it was discontinued, and the Gregorian calendar, used throughout the rest of Europe, was resumed. The following were the dates for the year 1804, the last complete year of this style of reckoning:

Vendemiaire (Vintage), September 23 to October 22.  
 Brumaire (Foggy), October 23 to November 22.  
 Frimaire (Sleety), November 23 to December 21.  
 Nivose (Snowy), December 22 to January 21.  
 Pluiose (Rainy), January 21 to February 20.  
 Ventose (Windy), February 20 to March 19.

Germinal (Budding), March 22 to April 21.  
 Floreal (Flowery), April 21 to May 20.  
 Prairial (Pasture), May 21 to June 20.  
 Messidor (Harvest), June 20 to July 19.  
 Thermidor (Hot), July 20 to August 19.  
 Fructidor (Fruit), August 19 to September 18.

The months were divided into three decades of ten days each, but to make up the 365 five were added at the end of September: Primiidi, dedicated to Virtue; Duodi, to Geni; Tridi, to Labor; Quartidi, to Opinion, and Quintidi, to Rewards. To Leap Year, called Olympe, a sixth day, September 22 or 23, Sextidi, "the day of the Revolution," was added.

To each tenth day, thirty-six in all, were assigned thirty-six "Fetes Decadaires," decreed by the National Convention on the eighteenth Prairial, in honor of the Supreme Being and Nature, the Human Race, the French People, Benefactors of Humanity, Martyrs for Liberty, Liberty and Equality, the Republic, Liberty of the World, Love of Country, Hatred of Tyrants, Truth, Justice, Modesty, Glory and Immortality, Friendship, Frugality, Courage, Good Faith, Heroism, Disinterestedness, Stoficism, Love, Conjugal Fidelity, Paternal Love, Maternal Tenderness, Filial Piety, Infancy, Childhood, Manhood, Old Age, Sickness, Agriculture, Industry, Our Ancestors, Our Posterity, Goodness.

1903

1904

| 1903  |      |      |       |      |       |      | 1904  |      |      |       |      |       |      |
|-------|------|------|-------|------|-------|------|-------|------|------|-------|------|-------|------|
| Jan.  | Sun. | Mon. | Tues. | Wed. | Thur. | Fri. | Jan.  | Sun. | Mon. | Tues. | Wed. | Thur. | Fri. |
| 1     | 2    | 3    | 4     | 5    | 6     | 7    | 1     | 2    | 3    | 4     | 5    | 6     | 7    |
| 8     | 9    | 10   | 11    | 12   | 13    | 14   | 8     | 9    | 10   | 11    | 12   | 13    | 14   |
| 15    | 16   | 17   | 18    | 19   | 20    | 21   | 15    | 16   | 17   | 18    | 19   | 20    | 21   |
| 22    | 23   | 24   | 25    | 26   | 27    | 28   | 22    | 23   | 24   | 25    | 26   | 27    | 28   |
| 29    | 30   | 31   |       |      |       |      | 29    | 30   | 31   |       |      |       |      |
| Feb.  | 1    | 2    | 3     | 4    | 5     | 6    | Feb.  | 1    | 2    | 3     | 4    | 5     | 6    |
| 7     | 8    | 9    | 10    | 11   | 12    | 13   | 7     | 8    | 9    | 10    | 11   | 12    | 13   |
| 14    | 15   | 16   | 17    | 18   | 19    | 20   | 14    | 15   | 16   | 17    | 18   | 19    | 20   |
| 21    | 22   | 23   | 24    | 25   | 26    | 27   | 21    | 22   | 23   | 24    | 25   | 26    | 27   |
| 28    | 29   | 30   |       |      |       |      | 28    | 29   | 30   |       |      |       |      |
| Mar.  | 1    | 2    | 3     | 4    | 5     | 6    | Mar.  | 1    | 2    | 3     | 4    | 5     | 6    |
| 7     | 8    | 9    | 10    | 11   | 12    | 13   | 7     | 8    | 9    | 10    | 11   | 12    | 13   |
| 14    | 15   | 16   | 17    | 18   | 19    | 20   | 14    | 15   | 16   | 17    | 18   | 19    | 20   |
| 21    | 22   | 23   | 24    | 25   | 26    | 27   | 21    | 22   | 23   | 24    | 25   | 26    | 27   |
| 28    | 29   | 30   | 31    |      |       |      | 28    | 29   | 30   | 31    |      |       |      |
| Apr.  | 1    | 2    | 3     | 4    | 5     | 6    | Apr.  | 1    | 2    | 3     | 4    | 5     | 6    |
| 7     | 8    | 9    | 10    | 11   | 12    | 13   | 7     | 8    | 9    | 10    | 11   | 12    | 13   |
| 14    | 15   | 16   | 17    | 18   | 19    | 20   | 14    | 15   | 16   | 17    | 18   | 19    | 20   |
| 21    | 22   | 23   | 24    | 25   | 26    | 27   | 21    | 22   | 23   | 24    | 25   | 26    | 27   |
| 28    | 29   | 30   |       |      |       |      | 28    | 29   | 30   |       |      |       |      |
| May.  | 1    | 2    | 3     | 4    | 5     | 6    | May.  | 1    | 2    | 3     | 4    | 5     | 6    |
| 7     | 8    | 9    | 10    | 11   | 12    | 13   | 7     | 8    | 9    | 10    | 11   | 12    | 13   |
| 14    | 15   | 16   | 17    | 18   | 19    | 20   | 14    | 15   | 16   | 17    | 18   | 19    | 20   |
| 21    | 22   | 23   | 24    | 25   | 26    | 27   | 21    | 22   | 23   | 24    | 25   | 26    | 27   |
| 28    | 29   | 30   | 31    |      |       |      | 28    | 29   | 30   | 31    |      |       |      |
| June. | 1    | 2    | 3     | 4    | 5     | 6    | June. | 1    | 2    | 3     | 4    | 5     | 6    |
| 7     | 8    | 9    | 10    | 11   | 12    | 13   | 7     | 8    | 9    | 10    | 11   | 12    | 13   |
| 14    | 15   | 16   | 17    | 18   | 19    | 20   | 14    | 15   | 16   | 17    | 18   | 19    | 20   |
| 21    | 22   | 23   | 24    | 25   | 26    | 27   | 21    | 22   | 23   | 24    | 25   | 26    | 27   |
| 28    | 29   | 30   |       |      |       |      | 28    | 29   | 30   |       |      |       |      |

Anniversaries.

DATES OF HISTORICAL EVENTS CUSTOMARILY OR OCCASIONALLY OBSERVED.

|                                                                                      |                                                                         |
|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| Jan. 1. Emancipation Proclamation by Lincoln, 1863.                                  | July 1. Dominion Day in Canada.                                         |
| Jan. 8. Battle of New Orleans, 1815.                                                 | July 1-3. Battle of Gettysburg, 1863.                                   |
| Jan. 17. Franklin born, 1706.                                                        | July 3. Cervera's fleet was destroyed off Santiago, 1898.               |
| Jan. 17. Battle of the Cowpens, S. C., 1781.                                         | July 4. Declaration of Independence, 1776.                              |
| Jan. 18. Daniel Webster born, 1782.                                                  | July 14. The Bastille was destroyed, 1789.                              |
| Jan. 19. Robert E. Lee born, 1807.                                                   | July 15. Santiago surrendered, 1898.                                    |
| Jan. 27. German Emperor born, 1859.                                                  | July 21. Battle of Bull Run, 1861.                                      |
| Feb. 1. Abraham Lincoln born, 1809.                                                  | Aug. 13. Manila surrendered to the Americans, 1898.                     |
| Feb. 15. Battle-ship Maine blown up, 1898.                                           | Aug. 16. Battle of Bennington, Vt., 1777.                               |
| Feb. 22. George Washington born, 1732.                                               | Sep. 1. Capitulation of Sedan, 1870.                                    |
| Feb. 22-23. Battle of Buena Vista, 1847.                                             | Sep. 6. President McKinley shot at Buffalo, 1901.                       |
| March 5. Boston Massacre, 1770.                                                      | Sep. 8. Battle of Eutaw Springs, S. C., 1781.                           |
| March 15. Andrew Jackson born, 1767.                                                 | Sep. 10. Battle of Lake Erie, Perry's victory, 1813.                    |
| March 18. Grover Cleveland born, 1837.                                               | Sep. 11. Battle of Lake Champlain, McDonough's victory, 1814.           |
| April 1. Bismarck born, 1815.                                                        | Sep. 13. Battle of Chapultepec, 1847.                                   |
| April 9. Lee surrendered at Appomattox, 1865.                                        | Sep. 14. City of Mexico taken by the U. S. troops, 1847.                |
| April 12. Fort Sumter fired upon, 1861.                                              | Sep. 17. Battle of Antietam, 1862.                                      |
| April 12. Henry Clay born, 1777.                                                     | Sep. 19-20. Battle of Chickamauga, 1863.                                |
| April 13. Thomas Jefferson born, 1743.                                               | Sep. 20. Italians occupied Rome, 1870.                                  |
| April 14. Lincoln assassinated, 1865.                                                | Oct. 7. Battle of King's Mountain, N. C., 1780.                         |
| April 19. Primrose Day in England, Lord Beaconsfield died, 1851.                     | Oct. 8-11. Great fire of Chicago, 1871.                                 |
| April 19. Battles of Lexington and Concord, 1775.                                    | Oct. 12. Columbus discovered America, 1492.                             |
| April 23. Shakespeare born, 1564.                                                    | Oct. 17. Burgoyne surrendered at Saratoga, 1777.                        |
| April 27. Gen. U. S. Grant born, 1822.                                               | Oct. 19. Cornwallis surrendered at Yorktown, 1781.                      |
| April 30. Washington was inaugurated first President, 1789.                          | Nov. 5. Guy Fawkes Day in England. The Gunpowder Plot discovered, 1604. |
| May 1. Dewey destroyed the Spanish fleet at Manila, 1898.                            | Nov. 9. King Edward VII. born, 1841.                                    |
| May 13. First English settlement in America, at Jamestown, 1607.                     | Nov. 9. Great fire of Boston, 1872.                                     |
| May 13. Society of the Cincinnati organized by officers of Revolutionary Army, 1783. | Nov. 10. Martin Luther born, 1483.                                      |
| May 18. The Czar of Russia born, 1868.                                               | Nov. 25. British evacuated New York, 1783.                              |
| May 20. Mecklenburg, N. C., Declaration of Independence, 1775.                       | Dec. 2. Battle of Austerlitz, 1805.                                     |
| May 24. Queen Victoria born, 1819.                                                   | Dec. 14. Washington died, 1799.                                         |
| June 6. Gen. Nathanael Greene born, 1742.                                            | Dec. 16. Boston "Tea Party," 1773.                                      |
| June 15. King John granted Magna Charter at Runnymede, 1215.                         | Dec. 16. The great fire in New York, 1835.                              |
| June 17. Battle of Bunker Hill, 1775.                                                | Dec. 22. Mayflower pilgrims landed at Plymouth Rock, 1620.              |
| June 18. Battle of Waterloo, 1815.                                                   | Dec. 25-26. Battle of Trenton, N. J., 1776.                             |
| June 28. Battle of Fort Moultrie, Charleston, S. C., 1776.                           | Dec. 29. William Ewart Gladstone born, 1809.                            |

# Ready-Reference Calendar.—1.

For ascertaining the Day of the Week for any given Time from the Beginning of the Christian Era to the Year 2200.

TABLE OF CENTURIES.

|   |   |          |   |   |   |   |
|---|---|----------|---|---|---|---|
| G | F | E        | D | C | B | A |
| A | G | <u>F</u> | E | D | C | B |
| B | A | G        | F | E | D | C |
| C | B | A        | G | F | E | D |
| D | C | B        | A | G | F | E |
| E | D | C        | B | A | G | F |
| F | E | D        | C | B | A | G |

TABLE OF YEARS.

|           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |    |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----|
|           | 05        | 11        | <u>16</u> | 22        |           | 33        | 39        | <u>44</u> | 50        |           | 61        | 67        | <u>72</u> | 78        |           | 89        | 95 |
| <u>00</u> | 06        |           | 17        | 23        | <u>28</u> | 34        |           | 45        | 51        | <u>56</u> | 62        |           | 73        | 79        | <u>84</u> | 90        |    |
| 01        | 07        | <u>12</u> | 18        |           | 29        | 35        | <u>40</u> | 46        |           | 57        | 63        | <u>68</u> | 74        |           | 85        | 91        | 96 |
| 02        |           | 13        | 19        | <u>24</u> | 30        |           | 41        | 47        | <u>52</u> | 58        |           | 69        | 75        | <u>80</u> | 86        |           | 97 |
| 03        | <u>08</u> | 14        |           | 25        | 31        | <u>36</u> | 42        |           | 53        | 59        | <u>64</u> | 70        | /         | 81        | 87        | <u>92</u> | 98 |
|           | 09        | 15        | <u>20</u> | 26        |           | 37        | 43        | <u>48</u> | 54        |           | 65        | 71        | <u>76</u> | 82        |           | 93        | 99 |
| 04        | 10        |           | 21        | 27        | <u>32</u> | 38        |           | 49        | 55        | <u>60</u> | 66        |           | 77        | 83        | <u>88</u> | 94        |    |

Figures below for the Gregorian New Style. Refer to the letters above.

|    |    |  |    |  |    |
|----|----|--|----|--|----|
| 15 | 16 |  | 17 |  | 18 |
| 19 | 20 |  | 21 |  | 22 |

Figures below for the Julian Old Style. Refer to the letters above.

|    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|
|    |    |    |    | 0  | 1  | 2  |
| 3  | 4  | 5  | 6  | 7  | 8  | 9  |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 17 | 18 | 19 | 20 |    |    |    |

DIRECTIONS.—1. In the Table of Centuries find the first two figures of the year desired, and in the Table of Years find the last two figures of that year. The letter at the intersection of the columns of the two tables is the *Year Letter*. 2. Under the Year Letter in the Table of Months find the *Key Figure* opposite the month desired. 3. The day of the week desired can then be found in the Table of Days at the intersection of the columns of the Key Figure and the day of the month.\*

TABLE OF MONTHS.

|            |       | A | B | C | D | E | F | G |
|------------|-------|---|---|---|---|---|---|---|
| Leap Year. | Jan.  | 2 | 3 | 4 | 5 | 6 | 7 | 1 |
|            | Feb.  | 5 | 6 | 7 | 1 | 2 | 3 | 4 |
|            | Jan.  | 3 | 4 | 5 | 6 | 7 | 1 | 2 |
|            | Feb.  | 6 | 7 | 1 | 2 | 3 | 4 | 5 |
|            | Mar.  | 6 | 7 | 1 | 2 | 3 | 4 | 5 |
|            | Apr.  | 2 | 3 | 4 | 5 | 6 | 7 | 1 |
|            | May   | 4 | 5 | 6 | 7 | 1 | 2 | 3 |
|            | June  | 7 | 1 | 2 | 3 | 4 | 5 | 6 |
|            | July  | 2 | 3 | 4 | 5 | 6 | 7 | 1 |
|            | Aug.  | 5 | 6 | 7 | 1 | 2 | 3 | 4 |
|            | Sept. | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|            | Oct.  | 3 | 4 | 5 | 6 | 7 | 1 | 2 |
|            | Nov.  | 6 | 7 | 1 | 2 | 3 | 4 | 5 |
|            | Dec.  | 1 | 2 | 3 | 4 | 5 | 6 | 7 |

TABLE OF DAYS.

Key Figure.

|   |      |      |      |      |      |      |      |
|---|------|------|------|------|------|------|------|
| 1 | Sun. | Mon. | Tue. | Wed. | Thu. | Fri. | Sat. |
| 2 | Mon. | Tue. | Wed. | Thu. | Fri. | Sat. | Sun. |
| 3 | Tue. | Wed. | Thu. | Fri. | Sat. | Sun. | Mon. |
| 4 | Wed. | Thu. | Fri. | Sat. | Sun. | Mon. | Tue. |
| 5 | Thu. | Fri. | Sat. | Sun. | Mon. | Tue. | Wed. |
| 6 | Fri. | Sat. | Sun. | Mon. | Tue. | Wed. | Thu. |
| 7 | Sat. | Sun. | Mon. | Tue. | Wed. | Thu. | Fri. |
|   | 1    | 2    | 3    | 4    | 5    | 6    | 7    |
|   | 8    | 9    | 10   | 11   | 12   | 13   | 14   |
|   | 15   | 16   | 17   | 18   | 19   | 20   | 21   |
|   | 22   | 23   | 24   | 25   | 26   | 27   | 28   |
|   | 29   | 30   | 31   |      |      |      |      |

\*EXAMPLE.—To find the day of the week on which July 4, 1902, falls: Find 19 in the Table of Centuries and 02 in the Table of Years. The Year Letter at the intersection of their columns is E. In the Table of Months the key figure at the intersection of the B and July columns is 3. In the Table of Days the day of the week at the intersection of the key figure (3) and day of the month (4th) columns is Friday, which gives the information desired.

LEAP YEARS.—For Leap Years use January and February at the top of the Table of Months opposite the words "Leap Year." In the Table of Years leap years are underlined. Years ending in 00 in Old Style dates are leap years; in New Style dates only when the Year Letter is F.

**Ready-Reference Calendar.—2.**

For ascertaining any Day of the Week for any given Time within Two Hundred Years from the introduction of the New Style, 1753, to 1952 inclusive.

| YEARS 1753 TO 1952. |                |                |                |                |                |                |                |   | Jan. | Feb. | Mar. | Apr. | May. | June. | July. | Aug. | Sept. | Oct. | Nov. | Dec. |
|---------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---|------|------|------|------|------|-------|-------|------|-------|------|------|------|
| 1753g<br>1754d      | 1781g<br>1782d | 1800e<br>1801a | 1828g<br>1829a | 1856q<br>1857a | 1884q<br>1885a | 1900g<br>1901d | 1928h<br>1929d | a | 4    | 7    | 7    | 3    | 5    | 1     | 3     | 6    | 2     | 4    | 7    | 2    |
| 1755e<br>1756p      | 1783e<br>1784p | 1802b<br>1803c | 1830b<br>1831c | 1858b<br>1859c | 1886b<br>1887c | 1902e<br>1903a | 1930e<br>1931a | b | 5    | 1    | 1    | 4    | 6    | 2     | 4     | 7    | 3     | 5    | 1    | 3    |
| 1757c<br>1758f      | 1785c<br>1786f | 1804h<br>1805d | 1832h<br>1833d | 1860h<br>1861d | 1888h<br>1889d | 1904k<br>1905f | 1932k<br>1933f | c | 6    | 2    | 2    | 5    | 7    | 3     | 5     | 1    | 4     | 6    | 2    | 4    |
| 1759g<br>1760q      | 1787g<br>1788q | 1806e<br>1807a | 1834e<br>1835a | 1862e<br>1863a | 1890e<br>1891a | 1906g<br>1907d | 1934g<br>1935d | d | 2    | 5    | 5    | 1    | 3    | 6     | 1     | 4    | 7     | 2    | 5    | 7    |
| 1761a<br>1762b      | 1789a<br>1790b | 1808k<br>1809f | 1836k<br>1837f | 1864k<br>1865f | 1892k<br>1893f | 1908l<br>1909b | 1936l<br>1937b | e | 3    | 6    | 6    | 2    | 4    | 7     | 2     | 5    | 1     | 3    | 6    | 1    |
| 1763c<br>1764h      | 1791c<br>1792h | 1810g<br>1811d | 1838g<br>1839d | 1866g<br>1867d | 1894g<br>1895d | 1910c<br>1911f | 1938c<br>1939f | f | 7    | 3    | 3    | 6    | 1    | 4     | 6     | 2    | 5     | 7    | 3    | 5    |
| 1765d<br>1766e      | 1793d<br>1794e | 1812i<br>1813b | 1840i<br>1841b | 1868i<br>1869b | 1896i<br>1897b | 1912m<br>1913e | 1940m<br>1941e | g | 1    | 4    | 4    | 7    | 2    | 5     | 7     | 3    | 6     | 1    | 4    | 6    |
| 1767a<br>1768k      | 1795a<br>1796k | 1814c<br>1815f | 1842c<br>1843f | 1870c<br>1871f | 1898c<br>1899f | 1914a<br>1915b | 1942a<br>1943b | h | 7    | 3    | 4    | 7    | 2    | 5     | 7     | 3    | 6     | 1    | 4    | 6    |
| 1769f<br>1770g      | 1797f<br>1798g | 1816m<br>1817e | 1844m<br>1845e | 1872m<br>1873e |                | 1916n<br>1917g | 1944n<br>1945g | k | 5    | 1    | 2    | 5    | 7    | 3     | 5     | 1    | 4     | 6    | 2    | 4    |
| 1771d<br>1772l      | 1799d          | 1818a<br>1819b | 1846a<br>1847b | 1874a<br>1875b |                | 1918d<br>1919e | 1946d<br>1947e | l | 3    | 6    | 7    | 3    | 5    | 1     | 3     | 6    | 2     | 4    | 7    | 2    |
| 1773b<br>1774c      |                | 1820n<br>1821g | 1848n<br>1849g | 1876n<br>1877g |                | 1920p<br>1921c | 1948p<br>1949c | m | 1    | 4    | 5    | 1    | 3    | 6     | 1     | 4    | 7     | 2    | 5    | 7    |
| 1775f<br>1776m      |                | 1822d<br>1823e | 1850d<br>1851e | 1878d<br>1879e |                | 1922f<br>1923g | 1950f<br>1951g | n | 6    | 2    | 3    | 6    | 1    | 4     | 6     | 2    | 5     | 7    | 3    | 5    |
| 1777e<br>1778a      |                | 1824b<br>1825c | 1852p<br>1853c | 1880p<br>1881c |                | 1924q<br>1925a | 1952q          | p | 4    | 7    | 1    | 4    | 6    | 2     | 4     | 7    | 3     | 5    | 1    | 3    |
| 1779b<br>1780n      |                | 1826f<br>1827g | 1854f<br>1855g | 1882f<br>1883g |                | 1926b<br>1927c |                | q | 2    | 5    | 6    | 2    | 4    | 7     | 2     | 5    | 1     | 3    | 6    | 1    |

NOTE.—The letters in the list of "Years from 1753 to 1952," refer to the table headed with the Months, the figures in which refer to the same figures at the head of the table of Days. For example: To know on what day July 4, 1903 will fall look for 1903 in the table of Years. The letter "a" is attached. Look for the same letter in the table of Months and in a parallel line under July is the figure 3, which directs to column 3 in the table of Days below, in which it will be seen that July 4 falls on Saturday.

TABLE OF DAYS.

|           | 1  | 2         | 3  | 4         | 5  | 6         | 7  |
|-----------|----|-----------|----|-----------|----|-----------|----|
| Monday    | 1  | Tuesday   | 2  | Wednesday | 3  | Thursday  | 4  |
| Tuesday   | 2  | Wednesday | 3  | Thursday  | 4  | Friday    | 5  |
| Wednesday | 3  | Thursday  | 4  | Friday    | 5  | SATURDAY  | 6  |
| Thursday  | 4  | Friday    | 5  | SATURDAY  | 6  | SUNDAY    | 7  |
| Friday    | 5  | SATURDAY  | 6  | SUNDAY    | 7  | Monday    | 8  |
| Saturday  | 6  | SUNDAY    | 7  | Monday    | 8  | Tuesday   | 9  |
| SUNDAY    | 7  | Monday    | 8  | Tuesday   | 9  | Wednesday | 10 |
| Monday    | 8  | Tuesday   | 9  | Wednesday | 10 | Thursday  | 11 |
| Tuesday   | 9  | Wednesday | 10 | Thursday  | 11 | Friday    | 12 |
| Wednesd.  | 10 | Thursday  | 11 | Friday    | 12 | SATURDAY  | 13 |
| Thursday  | 11 | Friday    | 12 | SATURDAY  | 13 | SUNDAY    | 14 |
| Friday    | 12 | SATURDAY  | 13 | SUNDAY    | 14 | Monday    | 15 |
| Saturday  | 13 | SUNDAY    | 14 | Monday    | 15 | Tuesday   | 16 |
| SUNDAY    | 14 | Monday    | 15 | Tuesday   | 16 | Wednesday | 17 |
| Monday    | 15 | Tuesday   | 16 | Wednesday | 17 | Thursday  | 18 |
| Tuesday   | 16 | Wednesday | 17 | Thursday  | 18 | Friday    | 19 |
| Wednesday | 17 | Thursday  | 18 | Friday    | 19 | SATURDAY  | 20 |
| Thursday  | 18 | Friday    | 19 | SATURDAY  | 20 | SUNDAY    | 21 |
| Friday    | 19 | SATURDAY  | 20 | SUNDAY    | 21 | Monday    | 22 |
| Saturday  | 20 | SUNDAY    | 21 | Monday    | 22 | Tuesday   | 23 |
| SUNDAY    | 21 | Monday    | 22 | Tuesday   | 23 | Wednesday | 24 |
| Monday    | 22 | Tuesday   | 23 | Wednesday | 24 | Thursday  | 25 |
| Tuesday   | 23 | Wednesday | 24 | Thursday  | 25 | Friday    | 26 |
| Wednesday | 24 | Thursday  | 25 | Friday    | 26 | SATURDAY  | 27 |
| Thursday  | 25 | Friday    | 26 | SATURDAY  | 27 | SUNDAY    | 28 |
| Friday    | 26 | SATURDAY  | 27 | SUNDAY    | 28 | Monday    | 29 |
| Saturday  | 27 | SUNDAY    | 28 | Monday    | 29 | Tuesday   | 30 |
| SUNDAY    | 28 | Monday    | 29 | Tuesday   | 30 | Wednesday | 31 |
| Monday    | 29 | Tuesday   | 30 | Wednesday | 31 | Thursday  |    |
| Tuesday   | 30 | Wednesday | 31 | Thursday  |    | Friday    |    |
| Wednesday | 31 | Thursday  |    | Friday    |    | SATURDAY  |    |

## Ritualistic Calendar.

COLORS FOR THE ALTAR IN USE IN RITUALISTIC EPISCOPAL CHURCHES IN THE UNITED STATES.

*White.*—From the First Service (First Vespers) of Christmas Day to the Octave of Epiphany, inclusive (except on the Feasts of Martyrs); on Maundy Thursday (for the celebration); from the First Service of Easter Day to the Vigil of Pentecost (except on Feasts of Martyrs and Rogation Days); on Trinity Sunday, Conversion of St. Paul, Purification, Annunciation, St. John Baptist, St. Michael, St. Luke, All Saints, Saluts who are not Martyrs, and Patron Saints (Transfiguration and Dedication of Church).

*Red.*—From First Vespers of Pentecost to the First Vespers of Trinity Sunday (which includes Ember Days), Holy Innocents (if on a Sunday), and Feasts of all Martyrs.

*Violet.*—From Septuagesima to Maundy Thursday (Easter Eve); Advent Sunday to Christmas Eve; Vigils, Ember Days (except in Whitsun Week), and Rogation Days; Holy Innocents (unless on Sunday).

*Black.*—Good Friday and at funerals. *Green.*—All other days.

These regulations as to colors are general. A more minute code changing with each year is published in the church almanacs.

## Jewish Calendar, 1903.

| NEW MOON, FASTS, FEASTS, ETC. |                                              |         | NEW MOON, FASTS, FEASTS, ETC. |                                           |          |
|-------------------------------|----------------------------------------------|---------|-------------------------------|-------------------------------------------|----------|
| 5663.                         |                                              | 1903.   | 5664.                         |                                           | 1903.    |
| Tebet                         | 2 Fast of Tebet.....                         | Jan. 9  | Tisri                         | 1 New Moon (New Year), Rosh Hashonah..... | Sept. 22 |
| Sebat                         | 1 New Moon.....                              | Jan. 29 | "                             | 3 Fast of Guadaliah.....                  | Sept. 24 |
| Adar                          | 14 Purim.....                                | Feb. 28 | "                             | 10 Expiation (Yom Kippur).....            | Oct. 1   |
|                               | 1 New Moon.....                              | Mar. 13 | "                             | 15 Feast of Tabernacles.....              | " 6      |
| Nisan                         | 15 Passover.....                             | Mar. 29 | "                             | 22 Eighth Day.....                        | " 13     |
| Yyar                          | 1 New Moon.....                              | Apr. 12 | "                             | 23 Rejoicing with the Law.....            | " 14     |
| "                             | 14 Second Passover.....                      | Apr. 28 | Hesvan                        | 1 New Moon.....                           | " 22     |
| Siyan                         | 1 New Moon.....                              | May 11  | Kislev                        | 1 Dedication of the Temple.....           | Nov. 20  |
| "                             | 6 Pentecost.....                             | May 27  | "                             | 25 Dedication of the Temple.....          | Dec. 14  |
| Tamuz                         | 1 New Moon.....                              | June 1  | Tebet                         | 1 New Moon.....                           | " 20     |
| "                             | 17 Fast of Tamuz.....                        | June 26 | "                             | 10 Fast of Tebet.....                     | " 29     |
| Ab                            | 1 New Moon.....                              | July 12 |                               |                                           | 1904.    |
| "                             | 9 Fast of Ab (Destruction of Jerusalem)..... | July 25 | Sebat                         | 1 New Moon.....                           | Jan. 18  |
|                               | 1 New Moon.....                              | Aug. 2  | Adar                          | 1 Purim.....                              | Feb. 17  |
| Elul                          | 1 New Moon.....                              | Aug. 24 | "                             | 14 Purim.....                             | March 1  |

The year 5663 is an ordinary perfect year of 355 days, and the year 5664 is an ordinary common year of 354 days.

## Mohammedan Calendar, 1903.

| YEAR.  | Names of Months.         | Month Begins. | YEAR.  | Names of Months.                   | Month Begins. |
|--------|--------------------------|---------------|--------|------------------------------------|---------------|
| 1320.. | Shawall.....             | Jan. 1, 1903  | 1321.. | Jomadhi I.....                     | July 26, 1903 |
| "      | Dulkaada.....            | Jan. 30, "    | "      | " II.....                          | Aug. 25, "    |
| "      | Dulheggia.....           | Mar. 1, "     | "      | Rajab.....                         | Sept. 23, "   |
| 1321.. | Muharram (New Year)..... | Mar. 30, "    | "      | Shabaan.....                       | Oct. 23, "    |
| "      | Saphar.....              | Apr. 29, "    | "      | Ramadan (Month of Abstinence)..... | Nov. 21, "    |
| "      | Rabia I.....             | May 28, "     | "      | Shawall.....                       | Dec. 21, "    |
| "      | Rabia II.....            | June 27, "    | "      | Dulkaada.....                      | Jan. 19, 1904 |

## Greek Church and Russian Calendar, 1903.

A. D. 1903, A. M. 8012.

| NEW STYLE. | Holy Days.                      | OLD STYLE. | NEW STYLE. | Holy Days.                          | OLD STYLE. |
|------------|---------------------------------|------------|------------|-------------------------------------|------------|
| Jan. 14    | Circumcision.....               | Jan. 1     | June 8     | Holy Ghost.....                     | May 26     |
| " 19       | Theophany (Epiphany).....       | " 6        | July 12    | Peter and Paul, Chief Apostles..... | June 29    |
| Feb. 15    | Hypapante (Purification).....   | Feb. 2     | Aug. 14    | First Day of Fast of Theotokos..... | Aug. 1     |
| March 1    | Carnival Sunday.....            | " 16       | " 19       | Transfiguration.....                | " 6        |
| " 4        | Ash Wednesday.....              | " 19       | " 28       | Repose of Theotokos.....            | " 15       |
| " 8        | First Sunday in Lent.....       | " 23       | Sept. 12   | St. Alexander Nevsky.....           | " 30       |
| April 7    | Annunciation.....               | March 25   | " 21       | Nativity of Theotokos.....          | Sept. 8    |
| " 12       | Palm Sunday.....                | " 30       | " 27       | Exaltation of the Cross.....        | " 14       |
| " 17       | Great Friday (Good Friday)..... | April 4    | Oct. 14    | Patronage of Theotokos.....         | Oct. 1     |
| " 19       | Holy Pasch (Easter).....        | " 6        | Nov. 28    | First Day of Fast of Nativity.....  | Nov. 15    |
| May 6      | St. George.....                 | " 23       | Dec. 4     | Entrance of Theotokos.....          | " 21       |
| " 22       | St. Nicholas.....               | May 9      | " 22       | Conception of Theotokos.....        | Dec. 9     |
| " 27       | Coronation of the Emperor.....  | " 14       | 1904.      |                                     |            |
| " 28       | Ascension Day.....              | " 15       | Jan. 7     | Nativity (Christmas).....           | " 25       |
| June 7     | Pentecost (Whit Sunday).....    | " 25       |            |                                     |            |

\*Peculiar to Russia.

| Day of the Month. | Day of the Week. | Calendar for<br>Boston,<br>New England, N. Y. State,<br>Michigan, Wisconsin,<br>N. and S. Dakota,<br>and Oregon. |    |              |    |                 |    | Calendar for<br>New York City,<br>Connecticut, Pennsyl-<br>vania, Ohio, Indiana,<br>Illinois, Nebraska, and<br>Northern California. |    |              |    |                 |    | Calendar for<br>WASHINGTON,<br>Virginia, Kentucky,<br>Missouri, Kansas, Colorado,<br>Utah, Nevada,<br>and Central California. |    |              |    |                 |    | Calendar for<br>CHARLESTON,<br>Georgia, Alabama,<br>Louisiana, Texas, New<br>Mexico, Arizona,<br>and Southern California. |    |              |    |                 |    |
|-------------------|------------------|------------------------------------------------------------------------------------------------------------------|----|--------------|----|-----------------|----|-------------------------------------------------------------------------------------------------------------------------------------|----|--------------|----|-----------------|----|-------------------------------------------------------------------------------------------------------------------------------|----|--------------|----|-----------------|----|---------------------------------------------------------------------------------------------------------------------------|----|--------------|----|-----------------|----|
|                   |                  | SUN<br>RISES.                                                                                                    |    | SUN<br>SETS. |    | MOON<br>R. & S. |    | SUN<br>RISES.                                                                                                                       |    | SUN<br>SETS. |    | MOON<br>R. & S. |    | SUN<br>RISES.                                                                                                                 |    | SUN<br>SETS. |    | MOON<br>R. & S. |    | SUN<br>RISES.                                                                                                             |    | SUN<br>SETS. |    | MOON<br>R. & S. |    |
|                   |                  | H.                                                                                                               | M. | H.           | M. | H.              | M. | H.                                                                                                                                  | M. | H.           | M. | H.              | M. | H.                                                                                                                            | M. | H.           | M. | H.              | M. | H.                                                                                                                        | M. | H.           | M. | H.              | M. |
| 1                 | Th               | 7                                                                                                                | 30 | 4            | 37 | 7               | 34 | 7                                                                                                                                   | 24 | 4            | 43 | 7               | 37 | 7                                                                                                                             | 19 | 4            | 48 | 7               | 40 | 7                                                                                                                         | 4  | 5            | 3  | 7               | 48 |
| 2                 | Fr               | 7                                                                                                                | 30 | 4            | 38 | 8               | 32 | 7                                                                                                                                   | 24 | 4            | 44 | 8               | 33 | 7                                                                                                                             | 19 | 4            | 49 | 8               | 36 | 7                                                                                                                         | 4  | 5            | 4  | 8               | 42 |
| 3                 | Sa               | 7                                                                                                                | 30 | 4            | 39 | 9               | 31 | 7                                                                                                                                   | 24 | 4            | 45 | 9               | 32 | 7                                                                                                                             | 19 | 4            | 50 | 9               | 33 | 7                                                                                                                         | 4  | 5            | 5  | 9               | 37 |
| 4                 | S                | 7                                                                                                                | 30 | 4            | 40 | 10              | 31 | 7                                                                                                                                   | 24 | 4            | 46 | 10              | 31 | 7                                                                                                                             | 19 | 4            | 51 | 10              | 32 | 7                                                                                                                         | 4  | 5            | 6  | 10              | 32 |
| 5                 | M                | 7                                                                                                                | 30 | 4            | 41 | 11              | 33 | 7                                                                                                                                   | 24 | 4            | 47 | 11              | 32 | 7                                                                                                                             | 19 | 4            | 52 | 11              | 32 | 7                                                                                                                         | 4  | 5            | 7  | 11              | 28 |
| 6                 | Tu               | 7                                                                                                                | 30 | 4            | 42 | A. M.           |    | 7                                                                                                                                   | 24 | 4            | 48 | A. M.           |    | 7                                                                                                                             | 19 | 4            | 53 | A. M.           |    | 7                                                                                                                         | 4  | 5            | 8  | A. M.           |    |
| 7                 | W                | 7                                                                                                                | 30 | 4            | 43 | 12              | 37 | 7                                                                                                                                   | 24 | 4            | 49 | 12              | 36 | 7                                                                                                                             | 19 | 4            | 54 | 12              | 34 | 7                                                                                                                         | 4  | 5            | 9  | 12              | 29 |
| 8                 | Th               | 7                                                                                                                | 30 | 4            | 44 | 1               | 42 | 7                                                                                                                                   | 24 | 4            | 50 | 1               | 40 | 7                                                                                                                             | 19 | 4            | 55 | 1               | 37 | 7                                                                                                                         | 4  | 5            | 9  | 1               | 30 |
| 9                 | Fr               | 7                                                                                                                | 30 | 4            | 45 | 2               | 50 | 7                                                                                                                                   | 24 | 4            | 51 | 2               | 47 | 7                                                                                                                             | 19 | 4            | 56 | 2               | 43 | 7                                                                                                                         | 4  | 5            | 10 | 2               | 33 |
| 10                | Sa               | 7                                                                                                                | 30 | 4            | 46 | 3               | 58 | 7                                                                                                                                   | 24 | 4            | 52 | 3               | 54 | 7                                                                                                                             | 19 | 4            | 58 | 3               | 50 | 7                                                                                                                         | 4  | 5            | 11 | 3               | 38 |
| 11                | S                | 7                                                                                                                | 29 | 4            | 47 | 5               | 5  | 7                                                                                                                                   | 24 | 4            | 53 | 5               | 0  | 7                                                                                                                             | 19 | 4            | 59 | 4               | 56 | 7                                                                                                                         | 4  | 5            | 12 | 4               | 43 |
| 12                | M                | 7                                                                                                                | 29 | 4            | 48 | 6               | 7  | 7                                                                                                                                   | 23 | 4            | 54 | 6               | 2  | 7                                                                                                                             | 18 | 5            | 0  | 5               | 58 | 7                                                                                                                         | 4  | 5            | 13 | 5               | 40 |
| 13                | Tu               | 7                                                                                                                | 29 | 4            | 49 | rises.          |    | 7                                                                                                                                   | 23 | 4            | 55 | rises.          |    | 7                                                                                                                             | 18 | 5            | 1  | rises.          |    | 7                                                                                                                         | 4  | 5            | 13 | rises.          |    |
| 14                | W                | 7                                                                                                                | 28 | 4            | 50 | 6               | 43 | 7                                                                                                                                   | 23 | 4            | 56 | 6               | 46 | 7                                                                                                                             | 18 | 5            | 2  | 6               | 48 | 7                                                                                                                         | 4  | 5            | 14 | 6               | 57 |
| 15                | Th               | 7                                                                                                                | 28 | 4            | 51 | 7               | 54 | 7                                                                                                                                   | 22 | 4            | 57 | 7               | 56 | 7                                                                                                                             | 17 | 5            | 3  | 7               | 58 | 7                                                                                                                         | 3  | 5            | 15 | 8               | 3  |
| 16                | Fr               | 7                                                                                                                | 27 | 4            | 53 | 9               | 5  | 7                                                                                                                                   | 22 | 4            | 58 | 9               | 7  | 7                                                                                                                             | 17 | 5            | 4  | 9               | 7  | 7                                                                                                                         | 3  | 5            | 16 | 9               | 9  |
| 17                | Sa               | 7                                                                                                                | 27 | 4            | 54 | 10              | 13 | 7                                                                                                                                   | 22 | 4            | 59 | 10              | 12 | 7                                                                                                                             | 17 | 5            | 5  | 10              | 12 | 7                                                                                                                         | 3  | 5            | 17 | 10              | 11 |
| 18                | S                | 7                                                                                                                | 26 | 4            | 55 | 11              | 18 | 7                                                                                                                                   | 21 | 5            | 0  | 11              | 16 | 7                                                                                                                             | 16 | 5            | 6  | 11              | 15 | 7                                                                                                                         | 3  | 5            | 18 | 11              | 11 |
| 19                | M                | 7                                                                                                                | 26 | 4            | 56 | A. M.           |    | 7                                                                                                                                   | 21 | 5            | 1  | A. M.           |    | 7                                                                                                                             | 16 | 5            | 7  | A. M.           |    | 7                                                                                                                         | 2  | 5            | 19 | A. M.           |    |
| 20                | Tu               | 7                                                                                                                | 25 | 4            | 58 | 12              | 21 | 7                                                                                                                                   | 20 | 5            | 2  | 12              | 18 | 7                                                                                                                             | 15 | 5            | 8  | 12              | 16 | 7                                                                                                                         | 2  | 5            | 20 | 12              | 10 |
| 21                | W                | 7                                                                                                                | 24 | 4            | 59 | 1               | 21 | 7                                                                                                                                   | 19 | 5            | 4  | 1               | 18 | 7                                                                                                                             | 14 | 5            | 9  | 1               | 15 | 7                                                                                                                         | 2  | 5            | 21 | 1               | 6  |
| 22                | Th               | 7                                                                                                                | 23 | 5            | 0  | 2               | 19 | 7                                                                                                                                   | 18 | 5            | 5  | 2               | 15 | 7                                                                                                                             | 13 | 5            | 10 | 2               | 12 | 7                                                                                                                         | 1  | 5            | 22 | 2               | 1  |
| 23                | Fr               | 7                                                                                                                | 22 | 5            | 1  | 3               | 14 | 7                                                                                                                                   | 18 | 5            | 6  | 3               | 10 | 7                                                                                                                             | 12 | 5            | 12 | 3               | 6  | 7                                                                                                                         | 1  | 5            | 23 | 2               | 53 |
| 24                | Sa               | 7                                                                                                                | 22 | 5            | 3  | 4               | 6  | 7                                                                                                                                   | 17 | 5            | 7  | 4               | 2  | 7                                                                                                                             | 12 | 5            | 13 | 3               | 57 | 7                                                                                                                         | 0  | 5            | 24 | 3               | 44 |
| 25                | S                | 7                                                                                                                | 21 | 5            | 4  | 4               | 54 | 7                                                                                                                                   | 16 | 5            | 9  | 4               | 50 | 7                                                                                                                             | 11 | 5            | 14 | 4               | 45 | 7                                                                                                                         | 0  | 5            | 25 | 4               | 32 |
| 26                | M                | 7                                                                                                                | 20 | 5            | 6  | 5               | 39 | 7                                                                                                                                   | 16 | 5            | 10 | 5               | 35 | 7                                                                                                                             | 10 | 5            | 15 | 5               | 30 | 7                                                                                                                         | 0  | 5            | 26 | 5               | 17 |
| 27                | Tu               | 7                                                                                                                | 19 | 5            | 7  | 6               | 19 | 7                                                                                                                                   | 15 | 5            | 11 | 6               | 15 | 7                                                                                                                             | 9  | 5            | 16 | 6               | 11 | 6                                                                                                                         | 59 | 5            | 27 | 5               | 59 |
| 28                | W                | 7                                                                                                                | 19 | 5            | 8  | sets.           |    | 7                                                                                                                                   | 14 | 5            | 12 | sets.           |    | 7                                                                                                                             | 9  | 5            | 17 | sets.           |    | 6                                                                                                                         | 59 | 5            | 28 | sets.           |    |
| 29                | Th               | 7                                                                                                                | 18 | 5            | 10 | 6               | 27 | 7                                                                                                                                   | 13 | 5            | 13 | 6               | 29 | 7                                                                                                                             | 8  | 5            | 18 | 6               | 31 | 6                                                                                                                         | 58 | 5            | 29 | 6               | 38 |
| 30                | Fr               | 7                                                                                                                | 17 | 5            | 11 | 7               | 25 | 7                                                                                                                                   | 12 | 5            | 15 | 7               | 26 | 7                                                                                                                             | 8  | 5            | 19 | 7               | 28 | 6                                                                                                                         | 58 | 5            | 30 | 7               | 32 |
| 31                | Sa               | 7                                                                                                                | 16 | 5            | 12 | 8               | 25 | 7                                                                                                                                   | 12 | 5            | 16 | 8               | 26 | 7                                                                                                                             | 7  | 5            | 20 | 8               | 26 | 6                                                                                                                         | 57 | 5            | 31 | 8               | 27 |

SUN ON MERIDIAN.

| DAY OF MONTH. | DAY OF MONTH. |    |    | DAY OF MONTH. |    |    | DAY OF MONTH. |    |    | DAY OF MONTH. |    |    |    |    |    |    |    |    |    |  |
|---------------|---------------|----|----|---------------|----|----|---------------|----|----|---------------|----|----|----|----|----|----|----|----|----|--|
|               | H.            | M. | S. | H.            | M. | S. | H.            | M. | S. | H.            | M. | S. |    |    |    |    |    |    |    |  |
| 1             | 12            | 3  | 24 | 8             | 12 | 6  | 35            | 14 | 12 | 8             | 59 | 20 | 12 | 11 | 0  | 26 | 12 | 12 | 35 |  |
| 2             | 12            | 3  | 52 | 9             | 12 | 7  | 0             | 15 | 12 | 9             | 21 | 21 | 12 | 11 | 18 | 27 | 12 | 12 | 48 |  |
| 3             | 12            | 4  | 21 | 10            | 12 | 7  | 25            | 16 | 12 | 9             | 42 | 22 | 12 | 11 | 34 | 28 | 12 | 13 | 0  |  |
| 4             | 12            | 4  | 48 | 11            | 12 | 7  | 50            | 17 | 12 | 10            | 2  | 23 | 12 | 11 | 51 | 29 | 12 | 13 | 12 |  |
| 5             | 12            | 5  | 16 | 12            | 12 | 8  | 13            | 18 | 12 | 10            | 22 | 24 | 12 | 12 | 6  | 30 | 12 | 13 | 22 |  |
| 6             | 12            | 5  | 43 | 13            | 12 | 8  | 36            | 19 | 12 | 10            | 41 | 25 | 12 | 12 | 21 | 31 | 12 | 13 | 32 |  |
| 7             | 12            | 6  | 9  |               |    |    |               |    |    |               |    |    |    |    |    |    |    |    |    |  |

TWILIGHT.

| PLACES.      | Jan. | Begins, A. M. |    | Ends, P. M. |    | Jan. | Begins, A. M. |    | Ends, P. M. |    | Jan. | Begins, A. M. |    | Ends, P. M. |    |
|--------------|------|---------------|----|-------------|----|------|---------------|----|-------------|----|------|---------------|----|-------------|----|
|              |      | H.            | M. | H.          | M. |      | H.            | M. | H.          | M. |      | H.            | M. |             |    |
| Boston.....  | 1    | 5             | 48 | 6           | 19 | 11   | 5             | 48 | 6           | 28 | 21   | 5             | 46 | 6           | 38 |
| New York..   | 1    | 5             | 46 | 6           | 21 | 11   | 5             | 46 | 6           | 30 | 21   | 5             | 44 | 6           | 39 |
| Wash'ton.    | 1    | 5             | 43 | 6           | 24 | 11   | 5             | 44 | 6           | 32 | 21   | 5             | 42 | 6           | 41 |
| Charleston.. | 1    | 5             | 35 | 6           | 33 | 11   | 5             | 36 | 6           | 40 | 21   | 5             | 30 | 6           | 57 |

| Day of the Month. | Day of the Week. | Calendar for<br>BOSTON,<br>New England, N. Y. State,<br>Michigan, Wisconsin,<br>N. and S. Dakota,<br>and Oregon. |              |                 | Calendar for<br>NEW YORK CITY,<br>Connecticut, Pennsylv-<br>ania, Ohio, Indiana,<br>Illinois, Nebraska, and<br>Northern California. |              |                 | Calendar for<br>WASHINGTON,<br>Virginia, Kentucky,<br>Missouri, Kansas, Colorado,<br>Utah, Nevada,<br>and Central California. |              |                 | Calendar for<br>CHARLESTON,<br>Georgia, Alabama,<br>Louisiana, Texas, New<br>Mexico, Arizona,<br>and Southern California. |              |                 |
|-------------------|------------------|------------------------------------------------------------------------------------------------------------------|--------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------|---------------------------------------------------------------------------------------------------------------------------|--------------|-----------------|
|                   |                  | SUN<br>RISES.                                                                                                    | SUN<br>SETS. | MOON<br>R. & S. | SUN<br>RISES.                                                                                                                       | SUN<br>SETS. | MOON<br>R. & S. | SUN<br>RISES.                                                                                                                 | SUN<br>SETS. | MOON<br>R. & S. | SUN<br>RISES.                                                                                                             | SUN<br>SETS. | MOON<br>R. & S. |
|                   |                  | H. M.                                                                                                            | H. M.        | M. H.           | H. M.                                                                                                                               | H. M.        | H. M.           | H. M.                                                                                                                         | H. M.        | H. M.           | H. M.                                                                                                                     | H. M.        | H. M.           |
| 1                 | S                | 7 15                                                                                                             | 5 13         | 9 26            | 7 11                                                                                                                                | 5 17         | 9 25            | 7 7                                                                                                                           | 5 21         | 9 25            | 6 56                                                                                                                      | 5 32         | 9 24            |
| 2                 | M                | 7 14                                                                                                             | 5 14         | 10 28           | 7 10                                                                                                                                | 5 18         | 10 27           | 7 6                                                                                                                           | 5 22         | 10 26           | 6 56                                                                                                                      | 5 32         | 10 22           |
| 3                 | Tu               | 7 13                                                                                                             | 5 15         | 11 32           | 7 9                                                                                                                                 | 5 19         | 11 30           | 7 5                                                                                                                           | 5 23         | 11 27           | 6 55                                                                                                                      | 5 33         | 11 21           |
| 4                 | W                | 7 11                                                                                                             | 5 16         | A. M.           | 7 7                                                                                                                                 | 5 20         | A. M.           | 7 4                                                                                                                           | 5 24         | A. M.           | 6 54                                                                                                                      | 5 34         | A. M.           |
| 5                 | Th               | 7 10                                                                                                             | 5 18         | 12 37           | 7 6                                                                                                                                 | 5 22         | 12 34           | 7 3                                                                                                                           | 5 25         | 12 31           | 6 53                                                                                                                      | 5 35         | 12 21           |
| 6                 | Fr               | 7 9                                                                                                              | 5 19         | 1 40            | 7 5                                                                                                                                 | 5 23         | 1 36            | 7 2                                                                                                                           | 5 26         | 1 33            | 6 52                                                                                                                      | 5 36         | 1 21            |
| 7                 | Sa               | 7 8                                                                                                              | 5 20         | 2 49            | 7 4                                                                                                                                 | 5 24         | 2 42            | 7 1                                                                                                                           | 5 27         | 2 38            | 6 51                                                                                                                      | 5 37         | 2 26            |
| 8                 | S                | 7 7                                                                                                              | 5 22         | 3 49            | 7 3                                                                                                                                 | 5 25         | 3 44            | 7 0                                                                                                                           | 5 28         | 3 40            | 6 50                                                                                                                      | 5 38         | 3 27            |
| 9                 | M                | 7 6                                                                                                              | 5 23         | 4 45            | 7 2                                                                                                                                 | 5 26         | 4 41            | 6 59                                                                                                                          | 5 29         | 4 37            | 6 49                                                                                                                      | 5 39         | 4 25            |
| 10                | Tu               | 7 5                                                                                                              | 5 25         | 5 37            | 7 1                                                                                                                                 | 5 28         | 5 33            | 6 58                                                                                                                          | 5 31         | 5 30            | 6 48                                                                                                                      | 5 40         | 5 19            |
| 11                | W                | 7 4                                                                                                              | 5 26         | rises.          | 7 0                                                                                                                                 | 5 29         | rises.          | 6 57                                                                                                                          | 5 32         | rises.          | 6 47                                                                                                                      | 5 41         | rises.          |
| 12                | Th               | 7 2                                                                                                              | 5 27         | 6 40            | 6 59                                                                                                                                | 5 30         | 6 41            | 6 56                                                                                                                          | 5 33         | 6 42            | 6 46                                                                                                                      | 5 42         | 6 46            |
| 13                | Fr               | 7 1                                                                                                              | 5 29         | 7 50            | 6 58                                                                                                                                | 5 31         | 7 50            | 6 55                                                                                                                          | 5 34         | 7 50            | 6 46                                                                                                                      | 5 43         | 7 51            |
| 14                | Sa               | 7 0                                                                                                              | 5 30         | 8 58            | 6 57                                                                                                                                | 5 33         | 8 57            | 6 54                                                                                                                          | 5 35         | 8 57            | 6 45                                                                                                                      | 5 44         | 8 54            |
| 15                | S                | 6 59                                                                                                             | 5 31         | 10 4            | 6 55                                                                                                                                | 5 34         | 10 2            | 6 53                                                                                                                          | 5 36         | 10 1            | 6 44                                                                                                                      | 5 45         | 9 55            |
| 16                | M                | 6 57                                                                                                             | 5 32         | 11 8            | 6 54                                                                                                                                | 5 36         | 11 5            | 6 52                                                                                                                          | 5 38         | 11 2            | 6 43                                                                                                                      | 5 46         | 10 54           |
| 17                | Tu               | 6 55                                                                                                             | 5 33         | A. M.           | 6 52                                                                                                                                | 5 37         | A. M.           | 6 51                                                                                                                          | 5 39         | A. M.           | 6 42                                                                                                                      | 5 47         | 11 51           |
| 18                | W                | 6 54                                                                                                             | 5 35         | 12 8            | 6 51                                                                                                                                | 5 38         | 12 5            | 6 49                                                                                                                          | 5 40         | 12 1            | 6 41                                                                                                                      | 5 48         | A. M.           |
| 19                | Th               | 6 52                                                                                                             | 5 36         | 1 5             | 6 49                                                                                                                                | 5 39         | 1 2             | 6 48                                                                                                                          | 5 41         | 12 57           | 6 40                                                                                                                      | 5 49         | 12 45           |
| 20                | Fr               | 6 51                                                                                                             | 5 38         | 1 59            | 6 48                                                                                                                                | 5 41         | 1 55            | 6 47                                                                                                                          | 5 42         | 1 50            | 6 39                                                                                                                      | 5 50         | 1 37            |
| 21                | Sa               | 6 50                                                                                                             | 5 39         | 2 49            | 6 46                                                                                                                                | 5 42         | 2 45            | 6 46                                                                                                                          | 5 43         | 2 40            | 6 38                                                                                                                      | 5 51         | 2 27            |
| 22                | S                | 6 48                                                                                                             | 5 40         | 3 35            | 6 45                                                                                                                                | 5 44         | 3 31            | 6 44                                                                                                                          | 5 44         | 3 26            | 6 37                                                                                                                      | 5 52         | 3 13            |
| 23                | M                | 6 47                                                                                                             | 5 42         | 4 5             | 6 43                                                                                                                                | 5 45         | 4 13            | 6 43                                                                                                                          | 5 46         | 4 9             | 6 36                                                                                                                      | 5 53         | 3 56            |
| 24                | Tu               | 6 46                                                                                                             | 5 43         | 4 55            | 6 42                                                                                                                                | 5 47         | 4 51            | 6 41                                                                                                                          | 5 47         | 4 49            | 6 35                                                                                                                      | 5 54         | 4 37            |
| 25                | W                | 6 44                                                                                                             | 5 44         | 5 30            | 6 40                                                                                                                                | 5 48         | 5 27            | 6 40                                                                                                                          | 5 48         | 5 24            | 6 34                                                                                                                      | 5 55         | 5 15            |
| 26                | Th               | 6 42                                                                                                             | 5 46         | 6 2             | 6 39                                                                                                                                | 5 49         | 6 0             | 6 38                                                                                                                          | 5 49         | 5 58            | 6 32                                                                                                                      | 5 56         | 5 52            |
| 27                | Fr               | 6 40                                                                                                             | 5 47         | sets.           | 6 37                                                                                                                                | 5 50         | sets.           | 6 37                                                                                                                          | 5 50         | sets.           | 6 31                                                                                                                      | 5 56         | sets.           |
| 28                | Sa               | 6 39                                                                                                             | 5 48         | 7 18            | 6 36                                                                                                                                | 5 51         | 7 18            | 6 35                                                                                                                          | 5 51         | 7 18            | 6 30                                                                                                                      | 5 57         | 7 18            |
| .....             | .....            | .....                                                                                                            | .....        | .....           | .....                                                                                                                               | .....        | .....           | .....                                                                                                                         | .....        | .....           | .....                                                                                                                     | .....        | .....           |
| .....             | .....            | .....                                                                                                            | .....        | .....           | .....                                                                                                                               | .....        | .....           | .....                                                                                                                         | .....        | .....           | .....                                                                                                                     | .....        | .....           |

SUN ON MERIDIAN.

| DAY OF MONTH. | DAY OF MONTH. |       | DAY OF MONTH. | DAY OF MONTH. |       | DAY OF MONTH. | DAY OF MONTH. |       |    |    |       |    |    |       |
|---------------|---------------|-------|---------------|---------------|-------|---------------|---------------|-------|----|----|-------|----|----|-------|
|               | H.            | M.    |               | H.            | M.    |               | H.            | M.    | H. | M. |       |    |    |       |
| 1             | 12            | 13 41 | 7             | 12            | 14 17 | 13            | 12            | 14 24 | 19 | 12 | 14 5  | 24 | 12 | 13 30 |
| 2             | 12            | 13 49 | 8             | 12            | 14 21 | 14            | 12            | 14 23 | 20 | 12 | 13 59 | 25 | 12 | 13 21 |
| 3             | 12            | 13 57 | 9             | 12            | 14 23 | 15            | 12            | 14 21 | 21 | 12 | 13 53 | 26 | 12 | 13 11 |
| 4             | 12            | 14 3  | 10            | 12            | 14 25 | 16            | 12            | 14 18 | 22 | 12 | 13 45 | 27 | 12 | 13 1  |
| 5             | 12            | 14 9  | 11            | 12            | 14 25 | 17            | 12            | 14 14 | 23 | 12 | 13 38 | 28 | 12 | 12 51 |
| 6             | 12            | 14 14 | 12            | 12            | 14 25 | 18            | 12            | 14 10 |    |    |       |    |    |       |

TWILIGHT.

| PLACES.     | Feb. | Begins, A. M. |    | Ends, P. M. |    | Feb. | Begins, A. M. |    | Ends, P. M. |    | Feb. | Begins, A. M. |    | Ends, P. M. |    |
|-------------|------|---------------|----|-------------|----|------|---------------|----|-------------|----|------|---------------|----|-------------|----|
|             |      | H.            | M. | H.          | M. |      | H.            | M. | H.          | M. |      | H.            | M. |             |    |
| Boston..... | 1    | 5             | 37 | 6           | 50 | 11   | 5             | 27 | 7           | 1  | 21   | 5             | 14 | 7           | 13 |
| New York.   | 1    | 5             | 36 | 6           | 51 | 11   | 5             | 27 | 7           | 1  | 21   | 5             | 15 | 7           | 13 |
| Wash'ton.   | 1    | 5             | 35 | 6           | 52 | 11   | 5             | 26 | 7           | 2  | 21   | 5             | 15 | 7           | 13 |
| Charleston  | 1    | 5             | 30 | 6           | 57 | 11   | 5             | 24 | 7           | 5  | 21   | 5             | 15 | 7           | 13 |



| Day of the Month. | Day of the Week. | Calendar for<br>Boston,<br>New England, N. Y. State,<br>Michigan, Wisconsin,<br>N. and S. Dakota,<br>and Oregon. |      |              |      |                 |        | Calendar for<br>New York City,<br>Connecticut, Pennsyl-<br>vania, Ohio, Indiana,<br>Illinois, Nebraska, and<br>Northern California. |      |              |      |                 |        | Calendar for<br>Washington,<br>Virginia, Kentucky,<br>Missouri, Kansas, Colorado,<br>Utah, Nevada,<br>and Central California. |    |              |    |                 |    | Calendar for<br>Charleston,<br>Georgia, Alabama,<br>Louisiana, Texas, New<br>Mexico, Arizona,<br>and Southern California. |    |              |    |                 |    |
|-------------------|------------------|------------------------------------------------------------------------------------------------------------------|------|--------------|------|-----------------|--------|-------------------------------------------------------------------------------------------------------------------------------------|------|--------------|------|-----------------|--------|-------------------------------------------------------------------------------------------------------------------------------|----|--------------|----|-----------------|----|---------------------------------------------------------------------------------------------------------------------------|----|--------------|----|-----------------|----|
|                   |                  | SUN<br>RISES.                                                                                                    |      | SUN<br>SETS. |      | MOON<br>R. & S. |        | SUN<br>RISES.                                                                                                                       |      | SUN<br>SETS. |      | MOON<br>R. & S. |        | SUN<br>RISES.                                                                                                                 |    | SUN<br>SETS. |    | MOON<br>R. & S. |    | SUN<br>RISES.                                                                                                             |    | SUN<br>SETS. |    | MOON<br>R. & S. |    |
|                   |                  | H.                                                                                                               | M.   | H.           | M.   | H.              | M.     | H.                                                                                                                                  | M.   | H.           | M.   | H.              | M.     | H.                                                                                                                            | M. | H.           | M. | H.              | M. | H.                                                                                                                        | M. | H.           | M. | H.              | M. |
| 1                 | S                | 6 38                                                                                                             | 5 49 | 8 21         | 6 35 | 5 52            | 8 20   | 6 34                                                                                                                                | 5 52 | 8 19         | 6 29 | 5 58            | 8 16   |                                                                                                                               |    |              |    |                 |    |                                                                                                                           |    |              |    |                 |    |
| 2                 | M                | 6 36                                                                                                             | 5 50 | 9 25         | 6 34 | 5 53            | 9 23   | 6 33                                                                                                                                | 5 53 | 9 21         | 6 28 | 5 58            | 9 15   |                                                                                                                               |    |              |    |                 |    |                                                                                                                           |    |              |    |                 |    |
| 3                 | Tu               | 6 35                                                                                                             | 5 51 | 10 30        | 6 32 | 5 54            | 10 27  | 6 31                                                                                                                                | 5 54 | 10 24        | 6 27 | 5 58            | 10 15  |                                                                                                                               |    |              |    |                 |    |                                                                                                                           |    |              |    |                 |    |
| 4                 | W                | 6 33                                                                                                             | 5 52 | 11 34        | 6 31 | 5 55            | 11 31  | 6 30                                                                                                                                | 5 55 | 11 27        | 6 26 | 5 59            | 11 16  |                                                                                                                               |    |              |    |                 |    |                                                                                                                           |    |              |    |                 |    |
| 5                 | Th               | 6 32                                                                                                             | 5 54 | A. M.        | 6 29 | 5 56            | A. M.  | 6 28                                                                                                                                | 5 56 | A. M.        | 6 25 | 6 0             | A. M.  |                                                                                                                               |    |              |    |                 |    |                                                                                                                           |    |              |    |                 |    |
| 6                 | Fr               | 6 30                                                                                                             | 5 55 | 12 38        | 6 28 | 5 57            | 12 34  | 6 27                                                                                                                                | 5 57 | 12 30        | 6 24 | 6 0             | 12 17  |                                                                                                                               |    |              |    |                 |    |                                                                                                                           |    |              |    |                 |    |
| 7                 | Sa               | 6 29                                                                                                             | 5 56 | 1 39         | 6 27 | 5 59            | 1 35   | 6 26                                                                                                                                | 5 58 | 1 31         | 6 23 | 6 1             | 1 17   |                                                                                                                               |    |              |    |                 |    |                                                                                                                           |    |              |    |                 |    |
| 8                 | S                | 6 27                                                                                                             | 5 58 | 2 36         | 6 25 | 6 0             | 2 31   | 6 24                                                                                                                                | 5 59 | 2 27         | 6 22 | 6 2             | 2 14   |                                                                                                                               |    |              |    |                 |    |                                                                                                                           |    |              |    |                 |    |
| 9                 | M                | 6 26                                                                                                             | 5 59 | 3 28         | 6 24 | 6 1             | 3 24   | 6 23                                                                                                                                | 6 0  | 3 20         | 6 21 | 6 3             | 3 8    |                                                                                                                               |    |              |    |                 |    |                                                                                                                           |    |              |    |                 |    |
| 10                | Tu               | 6 24                                                                                                             | 6 0  | 4 14         | 6 22 | 6 2             | 4 11   | 6 21                                                                                                                                | 6 1  | 4 8          | 6 20 | 6 3             | 3 58   |                                                                                                                               |    |              |    |                 |    |                                                                                                                           |    |              |    |                 |    |
| 11                | W                | 6 23                                                                                                             | 6 1  | 4 55         | 6 20 | 6 3             | 4 52   | 6 19                                                                                                                                | 6 2  | 4 50         | 6 19 | 6 4             | 4 44   |                                                                                                                               |    |              |    |                 |    |                                                                                                                           |    |              |    |                 |    |
| 12                | Th               | 6 21                                                                                                             | 6 2  | 5 33         | 6 18 | 6 4             | 5 31   | 6 18                                                                                                                                | 6 3  | 5 30         | 6 17 | 6 5             | 5 26   |                                                                                                                               |    |              |    |                 |    |                                                                                                                           |    |              |    |                 |    |
| 13                | Fr               | 6 19                                                                                                             | 6 3  | rises.       | 6 16 | 6 5             | rises. | 6 16                                                                                                                                | 6 4  | rises.       | 6 16 | 6 6             | rises. |                                                                                                                               |    |              |    |                 |    |                                                                                                                           |    |              |    |                 |    |
| 14                | Sa               | 6 17                                                                                                             | 6 4  | 7 42         | 6 15 | 6 6             | 7 41   | 6 15                                                                                                                                | 6 5  | 7 40         | 6 14 | 6 6             | 7 36   |                                                                                                                               |    |              |    |                 |    |                                                                                                                           |    |              |    |                 |    |
| 15                | S                | 6 15                                                                                                             | 6 5  | 8 48         | 6 13 | 6 7             | 8 46   | 6 13                                                                                                                                | 6 6  | 8 44         | 6 13 | 6 7             | 8 38   |                                                                                                                               |    |              |    |                 |    |                                                                                                                           |    |              |    |                 |    |
| 16                | M                | 6 13                                                                                                             | 6 7  | 9 52         | 6 12 | 6 8             | 9 49   | 6 12                                                                                                                                | 6 7  | 9 46         | 6 11 | 6 8             | 9 37   |                                                                                                                               |    |              |    |                 |    |                                                                                                                           |    |              |    |                 |    |
| 17                | Tu               | 6 11                                                                                                             | 6 8  | 10 51        | 6 10 | 6 9             | 10 48  | 6 10                                                                                                                                | 6 8  | 10 44        | 6 10 | 6 9             | 10 33  |                                                                                                                               |    |              |    |                 |    |                                                                                                                           |    |              |    |                 |    |
| 18                | W                | 6 9                                                                                                              | 6 9  | 11 49        | 6 9  | 6 10            | 11 44  | 6 9                                                                                                                                 | 6 9  | 11 40        | 6 9  | 6 9             | 11 28  |                                                                                                                               |    |              |    |                 |    |                                                                                                                           |    |              |    |                 |    |
| 19                | Th               | 6 7                                                                                                              | 6 10 | A. M.        | 6 7  | 6 11            | A. M.  | 6 7                                                                                                                                 | 6 10 | A. M.        | 6 8  | 6 10            | A. M.  |                                                                                                                               |    |              |    |                 |    |                                                                                                                           |    |              |    |                 |    |
| 20                | Fr               | 6 5                                                                                                              | 6 11 | 12 41        | 6 5  | 6 12            | 12 36  | 6 5                                                                                                                                 | 6 11 | 12 32        | 6 6  | 6 11            | 12 19  |                                                                                                                               |    |              |    |                 |    |                                                                                                                           |    |              |    |                 |    |
| 21                | Sa               | 6 2                                                                                                              | 6 12 | 1 29         | 6 3  | 6 13            | 1 25   | 6 3                                                                                                                                 | 6 12 | 1 20         | 6 5  | 6 12            | 1 7    |                                                                                                                               |    |              |    |                 |    |                                                                                                                           |    |              |    |                 |    |
| 22                | S                | 6 0                                                                                                              | 6 14 | 2 12         | 6 2  | 6 14            | 2 8    | 6 2                                                                                                                                 | 6 13 | 2 4          | 6 3  | 6 12            | 1 51   |                                                                                                                               |    |              |    |                 |    |                                                                                                                           |    |              |    |                 |    |
| 23                | M                | 5 59                                                                                                             | 6 15 | 2 51         | 6 1  | 6 15            | 2 48   | 6 0                                                                                                                                 | 6 14 | 2 44         | 6 2  | 6 13            | 2 33   |                                                                                                                               |    |              |    |                 |    |                                                                                                                           |    |              |    |                 |    |
| 24                | Tu               | 5 57                                                                                                             | 6 16 | 3 28         | 6 0  | 6 16            | 3 25   | 5 58                                                                                                                                | 6 15 | 3 21         | 6 1  | 6 14            | 3 12   |                                                                                                                               |    |              |    |                 |    |                                                                                                                           |    |              |    |                 |    |
| 25                | W                | 5 55                                                                                                             | 6 17 | 4 1          | 5 58 | 6 17            | 3 59   | 5 56                                                                                                                                | 6 16 | 3 56         | 5 59 | 6 14            | 3 49   |                                                                                                                               |    |              |    |                 |    |                                                                                                                           |    |              |    |                 |    |
| 26                | Th               | 5 53                                                                                                             | 6 19 | 4 33         | 5 56 | 6 18            | 4 31   | 5 55                                                                                                                                | 6 17 | 4 29         | 5 58 | 6 15            | 4 25   |                                                                                                                               |    |              |    |                 |    |                                                                                                                           |    |              |    |                 |    |
| 27                | Fr               | 5 51                                                                                                             | 6 20 | 5 4          | 5 54 | 6 19            | 5 3    | 5 54                                                                                                                                | 6 18 | 5 2          | 5 57 | 6 16            | 5 0    |                                                                                                                               |    |              |    |                 |    |                                                                                                                           |    |              |    |                 |    |
| 28                | Sa               | 5 50                                                                                                             | 6 21 | sets.        | 5 53 | 6 20            | sets.  | 5 53                                                                                                                                | 6 19 | sets.        | 5 56 | 6 16            | sets.  |                                                                                                                               |    |              |    |                 |    |                                                                                                                           |    |              |    |                 |    |
| 29                | S                | 5 48                                                                                                             | 6 22 | 7 14         | 5 52 | 6 21            | 7 13   | 5 52                                                                                                                                | 6 20 | 7 11         | 5 55 | 6 17            | 7 6    |                                                                                                                               |    |              |    |                 |    |                                                                                                                           |    |              |    |                 |    |
| 30                | M                | 5 46                                                                                                             | 6 23 | 8 20         | 5 50 | 6 22            | 8 17   | 5 51                                                                                                                                | 6 21 | 8 15         | 5 54 | 6 18            | 8 7    |                                                                                                                               |    |              |    |                 |    |                                                                                                                           |    |              |    |                 |    |
| 31                | Tu               | 5 45                                                                                                             | 6 24 | 9 26         | 5 48 | 6 23            | 9 23   | 5 49                                                                                                                                | 6 21 | 9 20         | 5 52 | 6 18            | 9 10   |                                                                                                                               |    |              |    |                 |    |                                                                                                                           |    |              |    |                 |    |

SUN ON MERIDIAN.

| DAY OF MONTH. | DAY OF MONTH. |    |    | DAY OF MONTH. |    |    | DAY OF MONTH. |    |    | DAY OF MONTH. |    |    |    |   |    |    |    |   |    |
|---------------|---------------|----|----|---------------|----|----|---------------|----|----|---------------|----|----|----|---|----|----|----|---|----|
|               | H.            | M. | S. | H.            | M. | S. | H.            | M. | S. | H.            | M. | S. |    |   |    |    |    |   |    |
| 1             | 12            | 12 | 40 | 8             | 12 | 11 | 8             | 14 | 12 | 9             | 33 | 20 | 12 | 7 | 49 | 26 | 12 | 6 | 0  |
| 2             | 12            | 12 | 28 | 9             | 12 | 10 | 53            | 15 | 12 | 9             | 17 | 21 | 12 | 7 | 31 | 27 | 12 | 5 | 42 |
| 3             | 12            | 12 | 16 | 10            | 12 | 10 | 38            | 16 | 12 | 9             | 0  | 22 | 12 | 7 | 13 | 28 | 12 | 5 | 24 |
| 4             | 12            | 12 | 3  | 11            | 12 | 10 | 22            | 17 | 12 | 8             | 42 | 23 | 12 | 6 | 55 | 29 | 12 | 5 | 6  |
| 5             | 12            | 11 | 50 | 12            | 12 | 10 | 6             | 18 | 12 | 8             | 25 | 24 | 12 | 6 | 37 | 30 | 12 | 4 | 47 |
| 6             | 12            | 11 | 36 | 13            | 12 | 9  | 50            | 19 | 12 | 8             | 7  | 25 | 12 | 6 | 19 | 31 | 12 | 4 | 29 |
| 7             | 12            | 11 | 22 |               |    |    |               |    |    |               |    |    |    |   |    |    |    |   |    |

TWILIGHT.

| PLACES.     | Mar. | Begins, A. M. |    | Ends, P. M. |    | Mar. | Begins, A. M. |    | Ends, P. M. |    | Mar. | Begins, A. M. |    | Ends, P. M. |    |
|-------------|------|---------------|----|-------------|----|------|---------------|----|-------------|----|------|---------------|----|-------------|----|
|             |      | H.            | M. | H.          | M. |      | H.            | M. | H.          | M. |      | H.            | M. |             |    |
| Boston..... | 1    | 5             | 2  | 7           | 23 | 11   | 4             | 45 | 7           | 35 | 21   | 4             | 27 | 7           | 47 |
| New York    | 1    | 5             | 3  | 7           | 22 | 11   | 4             | 47 | 7           | 33 | 21   | 4             | 30 | 7           | 45 |
| Wash' ton.  | 1    | 5             | 4  | 7           | 21 | 11   | 4             | 49 | 7           | 31 | 21   | 4             | 33 | 7           | 42 |
| Charleston  | 1    | 5             | 6  | 7           | 19 | 11   | 4             | 53 | 7           | 27 | 21   | 4             | 40 | 7           | 35 |

| Day of the Month. | Day of the Week. | Calendar for<br>Boston,<br>New England, N. Y. State,<br>Michigan, Wisconsin,<br>N. and S. Dakota,<br>and Oregon. |              |                 | Calendar for<br>New York City,<br>Connecticut, Pennsylvania,<br>Ohio, Indiana,<br>Illinois, Nebraska, and<br>Northern California. |              |                 | Calendar for<br>Washington,<br>Virginia, Kentucky,<br>Missouri, Kansas, Colorado,<br>Utah, Nevada,<br>and Central California. |              |                 | Calendar for<br>Charleston,<br>Georgia, Alabama,<br>Louisiana, Texas, New<br>Mexico, Arizona,<br>and Southern California. |              |                 |
|-------------------|------------------|------------------------------------------------------------------------------------------------------------------|--------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------|---------------------------------------------------------------------------------------------------------------------------|--------------|-----------------|
|                   |                  | SUN<br>RISES.                                                                                                    | SUN<br>SETS. | MOON<br>R. & S. | SUN<br>RISES.                                                                                                                     | SUN<br>SETS. | MOON<br>R. & S. | SUN<br>RISES.                                                                                                                 | SUN<br>SETS. | MOON<br>R. & S. | SUN<br>RISES.                                                                                                             | SUN<br>SETS. | MOON<br>R. & S. |
|                   |                  | H. M.                                                                                                            | H. M.        | H. M.           | H. M.                                                                                                                             | H. M.        | H. M.           | H. M.                                                                                                                         | H. M.        | H. M.           | H. M.                                                                                                                     | H. M.        | H. M.           |
| 1                 | W                | 5 43                                                                                                             | 6 25         | 10 31           | 5 46                                                                                                                              | 6 23         | 10 27           | 5 48                                                                                                                          | 6 22         | 10 23           | 5 50                                                                                                                      | 6 19         | 10 11           |
| 2                 | Th               | 5 43                                                                                                             | 6 26         | 11 33           | 5 45                                                                                                                              | 6 24         | 11 29           | 5 46                                                                                                                          | 6 23         | 11 25           | 5 49                                                                                                                      | 6 20         | 11 12           |
| 3                 | Fr               | 5 42                                                                                                             | 6 28         | A. M.           | 5 44                                                                                                                              | 6 26         | A. M.           | 5 45                                                                                                                          | 6 24         | A. M.           | 5 48                                                                                                                      | 6 21         | A. M.           |
| 4                 | Sa               | 5 40                                                                                                             | 6 29         | 12 32           | 5 42                                                                                                                              | 6 27         | 12 27           | 5 43                                                                                                                          | 6 25         | 12 24           | 5 46                                                                                                                      | 6 21         | 12 10           |
| 5                 | S                | 5 38                                                                                                             | 6 30         | 1 24            | 5 40                                                                                                                              | 6 28         | 1 20            | 5 41                                                                                                                          | 6 26         | 1 16            | 5 44                                                                                                                      | 6 22         | 1 3             |
| 6                 | M                | 5 36                                                                                                             | 6 31         | 2 11            | 5 38                                                                                                                              | 6 29         | 2 7             | 5 40                                                                                                                          | 6 27         | 2 4             | 5 42                                                                                                                      | 6 23         | 1 54            |
| 7                 | Tu               | 5 34                                                                                                             | 6 32         | 2 52            | 5 36                                                                                                                              | 6 30         | 2 50            | 5 38                                                                                                                          | 6 28         | 2 47            | 5 41                                                                                                                      | 6 23         | 2 40            |
| 8                 | W                | 5 32                                                                                                             | 6 33         | 3 30            | 5 34                                                                                                                              | 6 31         | 3 28            | 5 36                                                                                                                          | 6 29         | 3 26            | 5 39                                                                                                                      | 6 24         | 3 21            |
| 9                 | Th               | 5 31                                                                                                             | 6 34         | 4 5             | 5 33                                                                                                                              | 6 32         | 4 5             | 5 35                                                                                                                          | 6 30         | 4 4             | 5 38                                                                                                                      | 6 25         | 4 2             |
| 10                | Fr               | 5 29                                                                                                             | 6 35         | 4 39            | 5 31                                                                                                                              | 6 33         | 4 39            | 5 33                                                                                                                          | 6 31         | 4 39            | 5 37                                                                                                                      | 6 25         | 4 40            |
| 11                | Sa               | 5 27                                                                                                             | 6 36         | rises.          | 5 29                                                                                                                              | 6 34         | rises.          | 5 31                                                                                                                          | 6 32         | rises.          | 5 35                                                                                                                      | 6 26         | rises.          |
| 12                | S                | 5 26                                                                                                             | 6 37         | 7 35            | 5 28                                                                                                                              | 6 35         | 7 32            | 5 30                                                                                                                          | 6 33         | 7 30            | 5 34                                                                                                                      | 6 27         | 7 22            |
| 13                | M                | 5 24                                                                                                             | 6 38         | 8 36            | 5 26                                                                                                                              | 6 36         | 8 33            | 5 28                                                                                                                          | 6 34         | 8 30            | 5 33                                                                                                                      | 6 27         | 8 20            |
| 14                | Tu               | 5 23                                                                                                             | 6 40         | 9 36            | 5 25                                                                                                                              | 6 37         | 9 32            | 5 27                                                                                                                          | 6 35         | 9 28            | 5 32                                                                                                                      | 6 28         | 9 16            |
| 15                | W                | 5 21                                                                                                             | 6 41         | 10 31           | 5 24                                                                                                                              | 6 38         | 10 27           | 5 26                                                                                                                          | 6 36         | 10 22           | 5 31                                                                                                                      | 6 29         | 10 9            |
| 16                | Th               | 5 19                                                                                                             | 6 42         | 11 21           | 5 22                                                                                                                              | 6 39         | 11 17           | 5 24                                                                                                                          | 6 37         | 11 12           | 5 30                                                                                                                      | 6 30         | 10 59           |
| 17                | Fr               | 5 18                                                                                                             | 6 43         | A. M.           | 5 21                                                                                                                              | 6 40         | A. M.           | 5 23                                                                                                                          | 6 38         | 11 59           | 5 29                                                                                                                      | 6 30         | 11 46           |
| 18                | Sa               | 5 16                                                                                                             | 6 44         | 12 7            | 5 19                                                                                                                              | 6 41         | 12 13           | 5 22                                                                                                                          | 6 40         | A. M.           | 5 28                                                                                                                      | 6 31         | A. M.           |
| 19                | S                | 5 14                                                                                                             | 6 45         | 12 48           | 5 17                                                                                                                              | 6 42         | 12 44           | 5 20                                                                                                                          | 6 41         | 12 40           | 5 27                                                                                                                      | 6 32         | 12 28           |
| 20                | M                | 5 13                                                                                                             | 6 46         | 1 25            | 5 16                                                                                                                              | 6 43         | 1 22            | 5 19                                                                                                                          | 6 42         | 1 19            | 5 25                                                                                                                      | 6 32         | 1 8             |
| 21                | Tu               | 5 11                                                                                                             | 6 48         | 1 59            | 5 14                                                                                                                              | 6 44         | 1 57            | 5 17                                                                                                                          | 6 43         | 1 54            | 5 24                                                                                                                      | 6 33         | 1 46            |
| 22                | W                | 5 10                                                                                                             | 6 49         | 2 31            | 5 13                                                                                                                              | 6 45         | 2 30            | 5 16                                                                                                                          | 6 44         | 2 28            | 5 23                                                                                                                      | 6 34         | 2 21            |
| 23                | Th               | 5 8                                                                                                              | 6 50         | 3 2             | 5 11                                                                                                                              | 6 46         | 3 1             | 5 14                                                                                                                          | 6 45         | 3 0             | 5 22                                                                                                                      | 6 35         | 2 56            |
| 24                | Fr               | 5 6                                                                                                              | 6 51         | 3 33            | 5 10                                                                                                                              | 6 47         | 3 32            | 5 13                                                                                                                          | 6 46         | 3 32            | 5 21                                                                                                                      | 6 35         | 3 32            |
| 25                | Sa               | 5 5                                                                                                              | 6 52         | 4 4             | 5 9                                                                                                                               | 6 48         | 4 4             | 5 12                                                                                                                          | 6 47         | 4 5             | 5 20                                                                                                                      | 6 36         | 4 7             |
| 26                | S                | 5 3                                                                                                              | 6 53         | 4 37            | 5 7                                                                                                                               | 6 49         | 4 39            | 5 10                                                                                                                          | 6 48         | 4 40            | 5 19                                                                                                                      | 6 37         | 4 45            |
| 27                | M                | 5 2                                                                                                              | 6 54         | sets.           | 5 6                                                                                                                               | 6 50         | sets.           | 5 9                                                                                                                           | 6 48         | sets.           | 5 18                                                                                                                      | 6 37         | sets.           |
| 28                | Tu               | 5 1                                                                                                              | 6 55         | 8 18            | 5 5                                                                                                                               | 6 52         | 8 14            | 5 8                                                                                                                           | 6 49         | 8 11            | 5 17                                                                                                                      | 6 38         | 8 0             |
| 29                | W                | 4 59                                                                                                             | 6 56         | 9 24            | 5 3                                                                                                                               | 6 53         | 9 20            | 5 6                                                                                                                           | 6 50         | 9 16            | 5 16                                                                                                                      | 6 39         | 9 3             |
| 30                | Th               | 4 58                                                                                                             | 6 57         | 10 26           | 5 2                                                                                                                               | 6 54         | 10 22           | 5 5                                                                                                                           | 6 51         | 10 17           | 5 15                                                                                                                      | 6 39         | 10 4            |

SUN ON MERIDIAN.

| DAY OF MONTH. | DAY OF MONTH. |      |    | DAY OF MONTH. |      |      | DAY OF MONTH. |      |      | DAY OF MONTH. |       |    |       |       |   |
|---------------|---------------|------|----|---------------|------|------|---------------|------|------|---------------|-------|----|-------|-------|---|
|               | H.            | M.   | S. | H.            | M.   | S.   | H.            | M.   | S.   | H.            | M.    | S. |       |       |   |
| 1             | 12            | 4    | 11 | 7             | 12   | 2 25 | 13            | 12   | 0 45 | 19            | 11 59 | 17 | 25    | 11 58 | 3 |
| 2             | 12            | 3 53 | 8  | 12            | 2 7  | 14   | 12            | 0 29 | 20   | 11 59         | 3     | 26 | 11 57 | 53    |   |
| 3             | 12            | 3 35 | 9  | 12            | 1 50 | 15   | 12            | 0 14 | 21   | 11 58         | 50    | 27 | 11 57 | 43    |   |
| 4             | 12            | 3 17 | 10 | 12            | 1 34 | 16   | 11 59         | 59   | 22   | 11 58         | 38    | 28 | 11 57 | 33    |   |
| 5             | 12            | 2 59 | 11 | 12            | 1 17 | 17   | 11 59         | 45   | 23   | 11 58         | 26    | 29 | 11 57 | 24    |   |
| 6             | 12            | 2 42 | 12 | 12            | 1 1  | 18   | 11 59         | 30   | 24   | 11 58         | 14    | 30 | 11 57 | 15    |   |

TWILIGHT.

| PLACES.     | Apr. | Begins, A. M. |    | Ends, P. M. |    | Apr. | Begins, A. M. |    | Ends, P. M. |    | Apr. | Begins, A. M. |    | Ends, P. M. |    |
|-------------|------|---------------|----|-------------|----|------|---------------|----|-------------|----|------|---------------|----|-------------|----|
|             |      | H.            | M. | H.          | M. |      | H.            | M. | H.          | M. |      | H.            | M. | H.          | M. |
| Boston..... | 1    | 4             | 6  | 8           | 2  | 11   | 3             | 36 | 8           | 16 | 21   | 3             | 25 | 8           | 32 |
| New York.   | 1    | 4             | 10 | 7           | 58 | 11   | 3             | 50 | 8           | 12 | 21   | 3             | 31 | 8           | 26 |
| Wash'ton.   | 1    | 4             | 14 | 7           | 54 | 11   | 3             | 56 | 8           | 7  | 21   | 3             | 37 | 8           | 20 |
| Charleston  | 1    | 4             | 24 | 7           | 43 | 11   | 4             | 10 | 7           | 52 | 21   | 3             | 55 | 8           | 2  |

| Day of the Month. | Day of the Week. | Calendar for<br>BOSTON,<br>New England, N. Y. State,<br>Michigan, Wisconsin,<br>N. and S. Dakota,<br>and Oregon. |              |                 | Calendar for<br>NEW YORK CITY,<br>Connecticut, Pennsylv-<br>ania, Ohio, Indiana,<br>Illinois, Nebraska, and<br>Northern California. |              |                 | Calendar for<br>WASHINGTON,<br>Virginia, Kentucky,<br>Missouri, Kansas, Colorado,<br>Utah, Nevada,<br>and Central California. |              |                 | Calendar for<br>CHARLESTON,<br>Georgia, Alabama,<br>Louisiana, Texas, New<br>Mexico, Arizona,<br>and Southern California. |              |                 |
|-------------------|------------------|------------------------------------------------------------------------------------------------------------------|--------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------|---------------------------------------------------------------------------------------------------------------------------|--------------|-----------------|
|                   |                  | SUN<br>RISES.                                                                                                    | SUN<br>SETS. | MOON<br>R. & S. | SUN<br>RISES.                                                                                                                       | SUN<br>SETS. | MOON<br>R. & S. | SUN<br>RISES.                                                                                                                 | SUN<br>SETS. | MOON<br>R. & S. | SUN<br>RISES.                                                                                                             | SUN<br>SETS. | MOON<br>R. & S. |
|                   |                  | H. M.                                                                                                            | H. M.        | H. M.           | H. M.                                                                                                                               | H. M.        | H. M.           | H. M.                                                                                                                         | H. M.        | H. M.           | H. M.                                                                                                                     | H. M.        | H. M.           |
| 1                 | Fr               | 4 56                                                                                                             | 6 59         | 11 21           | 5 0                                                                                                                                 | 6 55         | 11 17           | 5 3                                                                                                                           | 6 51         | 11 13           | 5 14                                                                                                                      | 6 40         | 11 0            |
| 2                 | Sa               | 4 55                                                                                                             | 7 0          | A. M.           | 4 59                                                                                                                                | 6 56         | A. M.           | 5 2                                                                                                                           | 6 52         | A. M.           | 5 13                                                                                                                      | 6 41         | 11 52           |
| 3                 | S                | 4 53                                                                                                             | 7 1          | 12 10           | 4 57                                                                                                                                | 6 57         | 12 7            | 5 1                                                                                                                           | 6 53         | 12 3            | 5 12                                                                                                                      | 6 42         | A. M.           |
| 4                 | M                | 4 52                                                                                                             | 7 2          | 12 53           | 4 56                                                                                                                                | 6 58         | 12 51           | 5 0                                                                                                                           | 6 54         | 12 48           | 5 11                                                                                                                      | 6 43         | 12 39           |
| 5                 | Tu               | 4 50                                                                                                             | 7 3          | 1 32            | 4 54                                                                                                                                | 6 59         | 1 30            | 4 59                                                                                                                          | 6 55         | 1 28            | 5 10                                                                                                                      | 6 44         | 1 22            |
| 6                 | W                | 4 49                                                                                                             | 7 4          | 2 7             | 4 53                                                                                                                                | 7 0          | 2 6             | 4 57                                                                                                                          | 6 56         | 2 5             | 5 10                                                                                                                      | 6 45         | 2 2             |
| 7                 | Th               | 4 48                                                                                                             | 7 5          | 2 40            | 4 52                                                                                                                                | 7 1          | 2 40            | 4 56                                                                                                                          | 6 57         | 2 40            | 5 9                                                                                                                       | 6 45         | 2 40            |
| 8                 | Fr               | 4 47                                                                                                             | 7 6          | 3 12            | 4 51                                                                                                                                | 7 2          | 3 13            | 4 55                                                                                                                          | 6 58         | 3 14            | 5 8                                                                                                                       | 6 46         | 3 17            |
| 9                 | Sa               | 4 46                                                                                                             | 7 7          | 3 46            | 4 50                                                                                                                                | 7 3          | 3 47            | 4 54                                                                                                                          | 6 59         | 3 49            | 5 7                                                                                                                       | 6 47         | 3 55            |
| 10                | S                | 4 45                                                                                                             | 7 8          | 4 20            | 4 49                                                                                                                                | 7 4          | 4 22            | 4 53                                                                                                                          | 7 0          | 4 25            | 5 6                                                                                                                       | 6 47         | 4 33            |
| 11                | M                | 4 44                                                                                                             | 7 9          | rises.          | 4 48                                                                                                                                | 7 5          | rises.          | 4 52                                                                                                                          | 7 1          | rises.          | 5 5                                                                                                                       | 6 48         | rises.          |
| 12                | Tu               | 4 43                                                                                                             | 7 10         | 8 21            | 4 47                                                                                                                                | 7 6          | 8 17            | 4 51                                                                                                                          | 7 2          | 8 13            | 5 5                                                                                                                       | 6 49         | 8 0             |
| 13                | W                | 4 42                                                                                                             | 7 11         | 9 14            | 4 46                                                                                                                                | 7 7          | 9 10            | 4 50                                                                                                                          | 7 3          | 9 5             | 5 4                                                                                                                       | 6 49         | 8 52            |
| 14                | Th               | 4 41                                                                                                             | 7 12         | 10 2            | 4 45                                                                                                                                | 7 8          | 9 57            | 4 49                                                                                                                          | 7 4          | 9 52            | 5 3                                                                                                                       | 6 50         | 9 39            |
| 15                | Fr               | 4 40                                                                                                             | 7 13         | 10 47           | 4 44                                                                                                                                | 7 9          | 10 41           | 4 48                                                                                                                          | 7 5          | 10 36           | 5 2                                                                                                                       | 6 51         | 10 24           |
| 16                | Sa               | 4 39                                                                                                             | 7 14         | 11 24           | 4 43                                                                                                                                | 7 10         | 11 20           | 4 47                                                                                                                          | 7 6          | 11 17           | 5 2                                                                                                                       | 6 51         | 11 5            |
| 17                | S                | 4 38                                                                                                             | 7 15         | 11 59           | 4 42                                                                                                                                | 7 11         | 11 56           | 4 46                                                                                                                          | 7 7          | 11 53           | 5 1                                                                                                                       | 6 52         | 11 43           |
| 18                | M                | 4 37                                                                                                             | 7 16         | A. M.           | 4 42                                                                                                                                | 7 11         | A. M.           | 4 46                                                                                                                          | 7 8          | A. M.           | 5 0                                                                                                                       | 6 53         | A. M.           |
| 19                | Tu               | 4 36                                                                                                             | 7 17         | 12 31           | 4 41                                                                                                                                | 7 12         | 12 29           | 4 45                                                                                                                          | 7 8          | 12 26           | 5 0                                                                                                                       | 6 53         | 12 20           |
| 20                | W                | 4 35                                                                                                             | 7 19         | 1 2             | 4 40                                                                                                                                | 7 13         | 1 0             | 4 44                                                                                                                          | 7 9          | 12 58           | 4 59                                                                                                                      | 6 54         | 12 54           |
| 21                | Th               | 4 34                                                                                                             | 7 20         | 1 31            | 4 39                                                                                                                                | 7 14         | 1 31            | 4 44                                                                                                                          | 7 10         | 1 30            | 4 58                                                                                                                      | 6 54         | 1 28            |
| 22                | Fr               | 4 33                                                                                                             | 7 21         | 2 2             | 4 39                                                                                                                                | 7 15         | 2 2             | 4 43                                                                                                                          | 7 10         | 2 2             | 4 58                                                                                                                      | 6 55         | 2 3             |
| 23                | Sa               | 4 32                                                                                                             | 7 22         | 2 34            | 4 38                                                                                                                                | 7 16         | 2 35            | 4 43                                                                                                                          | 7 11         | 2 36            | 4 57                                                                                                                      | 6 56         | 2 39            |
| 24                | S                | 4 31                                                                                                             | 7 23         | 3 7             | 4 37                                                                                                                                | 7 17         | 3 10            | 4 42                                                                                                                          | 7 12         | 3 12            | 4 57                                                                                                                      | 6 57         | 3 18            |
| 25                | M                | 4 30                                                                                                             | 7 24         | 3 46            | 4 36                                                                                                                                | 7 18         | 3 49            | 4 42                                                                                                                          | 7 13         | 3 52            | 4 56                                                                                                                      | 6 57         | 4 1             |
| 26                | Tu               | 4 30                                                                                                             | 7 25         | sets.           | 4 35                                                                                                                                | 7 19         | sets.           | 4 41                                                                                                                          | 7 14         | sets.           | 4 56                                                                                                                      | 6 58         | sets.           |
| 27                | W                | 4 29                                                                                                             | 7 26         | 8 12            | 4 35                                                                                                                                | 7 20         | 8 8             | 4 41                                                                                                                          | 7 15         | 8 4             | 4 55                                                                                                                      | 6 58         | 7 51            |
| 28                | Th               | 4 29                                                                                                             | 7 27         | 9 12            | 4 34                                                                                                                                | 7 20         | 9 8             | 4 40                                                                                                                          | 7 15         | 9 4             | 4 55                                                                                                                      | 6 59         | 8 51            |
| 29                | Fr               | 4 28                                                                                                             | 7 27         | 10 6            | 4 34                                                                                                                                | 7 21         | 10 2            | 4 40                                                                                                                          | 7 16         | 9 58            | 4 55                                                                                                                      | 7 0          | 9 46            |
| 30                | Sa               | 4 27                                                                                                             | 7 28         | 10 53           | 4 33                                                                                                                                | 7 22         | 10 50           | 4 39                                                                                                                          | 7 17         | 10 46           | 4 55                                                                                                                      | 7 0          | 10 37           |
| 31                | S                | 4 27                                                                                                             | 7 29         | 11 33           | 4 33                                                                                                                                | 7 23         | 11 31           | 4 38                                                                                                                          | 7 18         | 11 29           | 4 54                                                                                                                      | 7 1          | 11 22           |

SUN ON MERIDIAN.

| DAY OF MONTH. | DAY OF MONTH. |    |    | DAY OF MONTH. |    |    | DAY OF MONTH. |    |    | DAY OF MONTH. |    |    |       |    |
|---------------|---------------|----|----|---------------|----|----|---------------|----|----|---------------|----|----|-------|----|
|               | H.            | M. | S. | H.            | M. | S. | H.            | M. | S. | H.            | M. | S. |       |    |
| 1             | 11 57         | 7  | 8  | 11 56         | 25 | 14 | 11 56         | 11 | 20 | 11 56         | 18 | 26 | 11 56 | 45 |
| 2             | 11 57         | 0  | 9  | 11 56         | 22 | 15 | 11 56         | 11 | 21 | 11 56         | 21 | 27 | 11 56 | 51 |
| 3             | 11 56         | 53 | 10 | 11 56         | 18 | 16 | 11 56         | 11 | 22 | 11 56         | 25 | 28 | 11 56 | 58 |
| 4             | 11 56         | 46 | 11 | 11 56         | 16 | 17 | 11 56         | 12 | 23 | 11 56         | 29 | 29 | 11 57 | 5  |
| 5             | 11 56         | 40 | 12 | 11 56         | 14 | 18 | 11 56         | 13 | 24 | 11 56         | 33 | 30 | 11 57 | 12 |
| 6             | 11 56         | 35 | 13 | 11 56         | 12 | 19 | 11 56         | 15 | 25 | 11 56         | 39 | 31 | 11 57 | 21 |
| 7             | 11 56         | 30 |    |               |    |    |               |    |    |               |    |    |       |    |

TWILIGHT.

| PLACES.     | May. | Begins, A. M. |    | Ends, P. M. |    | May. | Begins, A. M. |    | Ends, P. M. |    | May. | Begins, A. M. |    | Ends, P. M. |    |
|-------------|------|---------------|----|-------------|----|------|---------------|----|-------------|----|------|---------------|----|-------------|----|
|             |      | H.            | M. | H.          | M. |      | H.            | M. | H.          | M. |      | H.            | M. | H.          | M. |
| Boston. . . | 1    | 3             | 6  | 8           | 48 | 11   | 2             | 47 | 9           | 6  | 21   | 2             | 31 | 9           | 22 |
| New York.   | 1    | 3             | 13 | 8           | 40 | 11   | 2             | 56 | 8           | 56 | 21   | 2             | 42 | 9           | 11 |
| Wash'ton.   | 1    | 3             | 21 | 8           | 33 | 11   | 3             | 5  | 8           | 47 | 21   | 2             | 52 | 9           | 0  |
| Charleston  | 1    | 3             | 42 | 8           | 21 | 11   | 3             | 30 | 8           | 22 | 21   | 3             | 21 | 8           | 32 |

| Day of the Month. | Day of the Week. | Calendar for BOSTON, New England, N. Y. State, Michigan, Wisconsin, N. and S. Dakota, and Oregon. |           |              | Calendar for NEW YORK CITY, Connecticut, Pennsylvania, Ohio, Indiana, Illinois, Nebraska, and Northern California. |           |              | Calendar for WASHINGTON, Virginia, Kentucky, Missouri, Kansas, Colorado, Utah, Nevada, and Central California. |           |              | Calendar for CHARLESTON, Georgia, Alabama, Louisiana, Texas, New Mexico, Arizona, and Southern California. |           |              |
|-------------------|------------------|---------------------------------------------------------------------------------------------------|-----------|--------------|--------------------------------------------------------------------------------------------------------------------|-----------|--------------|----------------------------------------------------------------------------------------------------------------|-----------|--------------|------------------------------------------------------------------------------------------------------------|-----------|--------------|
|                   |                  | SUN RISES.                                                                                        | SUN SETS. | MOON R. & S. | SUN RISES.                                                                                                         | SUN SETS. | MOON R. & S. | SUN RISES.                                                                                                     | SUN SETS. | MOON R. & S. | SUN RISES.                                                                                                 | SUN SETS. | MOON R. & S. |
|                   |                  | H. M.                                                                                             | H. M.     | H. M.        | H. M.                                                                                                              | H. M.     | H. M.        | H. M.                                                                                                          | H. M.     | H. M.        | H. M.                                                                                                      | H. M.     | H. M.        |
| 1                 | M                | 4 26                                                                                              | 7 29      | A. M.        | 4 32                                                                                                               | 7 23      | A. M.        | 4 38                                                                                                           | 7 19      | A. M.        | 4 54                                                                                                       | 7 1       | A. M.        |
| 2                 | Tu               | 4 26                                                                                              | 7 30      | 12 10        | 4 32                                                                                                               | 7 24      | 12 9         | 4 37                                                                                                           | 7 19      | 12 7         | 4 54                                                                                                       | 7 2       | 12 3         |
| 3                 | W                | 4 25                                                                                              | 7 31      | 12 44        | 4 31                                                                                                               | 7 25      | 12 44        | 4 37                                                                                                           | 7 19      | 12 43        | 4 53                                                                                                       | 7 2       | 12 42        |
| 4                 | Th               | 4 24                                                                                              | 7 32      | 1 16         | 4 31                                                                                                               | 7 26      | 1 17         | 4 36                                                                                                           | 7 20      | 1 17         | 4 53                                                                                                       | 7 3       | 1 19         |
| 5                 | Fr               | 4 24                                                                                              | 7 32      | 1 50         | 4 30                                                                                                               | 7 26      | 1 50         | 4 36                                                                                                           | 7 20      | 1 51         | 4 53                                                                                                       | 7 3       | 1 56         |
| 6                 | Sa               | 4 23                                                                                              | 7 33      | 2 21         | 4 30                                                                                                               | 7 27      | 2 24         | 4 36                                                                                                           | 7 21      | 2 26         | 4 52                                                                                                       | 7 3       | 2 33         |
| 7                 | S                | 4 23                                                                                              | 7 33      | 2 56         | 4 29                                                                                                               | 7 27      | 2 59         | 4 35                                                                                                           | 7 21      | 3 3          | 4 52                                                                                                       | 7 4       | 3 12         |
| 8                 | M                | 4 23                                                                                              | 7 34      | 3 34         | 4 29                                                                                                               | 7 28      | 3 38         | 4 35                                                                                                           | 7 22      | 3 42         | 4 52                                                                                                       | 7 4       | 3 53         |
| 9                 | Tu               | 4 22                                                                                              | 7 35      | rises.       | 4 28                                                                                                               | 7 28      | rises.       | 4 35                                                                                                           | 7 23      | rises.       | 4 52                                                                                                       | 7 5       | rises.       |
| 10                | W                | 4 22                                                                                              | 7 36      | 7 58         | 4 28                                                                                                               | 7 29      | 7 53         | 4 34                                                                                                           | 7 23      | 7 49         | 4 52                                                                                                       | 7 6       | 7 35         |
| 11                | Th               | 4 22                                                                                              | 7 37      | 8 42         | 4 28                                                                                                               | 7 30      | 8 38         | 4 34                                                                                                           | 7 24      | 8 34         | 4 52                                                                                                       | 7 6       | 8 21         |
| 12                | Fr               | 4 22                                                                                              | 7 37      | 9 23         | 4 28                                                                                                               | 7 30      | 9 19         | 4 34                                                                                                           | 7 24      | 9 15         | 4 52                                                                                                       | 7 7       | 9 3          |
| 13                | Sa               | 4 22                                                                                              | 7 38      | 9 59         | 4 28                                                                                                               | 7 31      | 9 56         | 4 34                                                                                                           | 7 25      | 9 53         | 4 52                                                                                                       | 7 7       | 9 43         |
| 14                | S                | 4 22                                                                                              | 7 38      | 10 33        | 4 28                                                                                                               | 7 31      | 10 30        | 4 34                                                                                                           | 7 25      | 10 27        | 4 52                                                                                                       | 7 8       | 10 19        |
| 15                | M                | 4 22                                                                                              | 7 38      | 11 4         | 4 28                                                                                                               | 7 32      | 11 2         | 4 34                                                                                                           | 7 26      | 11 0         | 4 52                                                                                                       | 7 8       | 10 54        |
| 16                | Tu               | 4 22                                                                                              | 7 39      | 11 33        | 4 28                                                                                                               | 7 32      | 11 32        | 4 34                                                                                                           | 7 26      | 11 31        | 4 52                                                                                                       | 7 8       | 11 28        |
| 17                | W                | 4 22                                                                                              | 7 39      | A. M.        | 4 28                                                                                                               | 7 32      | A. M.        | 4 34                                                                                                           | 7 26      | A. M.        | 4 52                                                                                                       | 7 9       | A. M.        |
| 18                | Th               | 4 22                                                                                              | 7 39      | 12 2         | 4 28                                                                                                               | 7 33      | 12 2         | 4 34                                                                                                           | 7 27      | 12 2         | 4 52                                                                                                       | 7 9       | 12 1         |
| 19                | Fr               | 4 22                                                                                              | 7 39      | 12 32        | 4 28                                                                                                               | 7 33      | 12 33        | 4 34                                                                                                           | 7 27      | 12 34        | 4 52                                                                                                       | 7 9       | 12 36        |
| 20                | Sa               | 4 22                                                                                              | 7 39      | 1 4          | 4 28                                                                                                               | 7 33      | 1 6          | 4 34                                                                                                           | 7 27      | 1 8          | 4 52                                                                                                       | 7 10      | 1 13         |
| 21                | S                | 4 22                                                                                              | 7 39      | 1 40         | 4 28                                                                                                               | 7 33      | 1 42         | 4 34                                                                                                           | 7 27      | 1 45         | 4 52                                                                                                       | 7 10      | 1 52         |
| 22                | M                | 4 22                                                                                              | 7 40      | 2 20         | 4 28                                                                                                               | 7 34      | 2 23         | 4 34                                                                                                           | 7 28      | 2 27         | 4 52                                                                                                       | 7 11      | 2 37         |
| 23                | Tu               | 4 23                                                                                              | 7 40      | 3 7          | 4 29                                                                                                               | 7 34      | 3 11         | 4 35                                                                                                           | 7 28      | 3 15         | 4 53                                                                                                       | 7 11      | 3 27         |
| 24                | W                | 4 23                                                                                              | 7 40      | 4 2          | 4 29                                                                                                               | 7 34      | 4 6          | 4 35                                                                                                           | 7 28      | 4 10         | 4 53                                                                                                       | 7 11      | 4 23         |
| 25                | Th               | 4 23                                                                                              | 7 40      | sets.        | 4 29                                                                                                               | 7 34      | sets.        | 4 35                                                                                                           | 7 28      | sets.        | 4 53                                                                                                       | 7 11      | sets.        |
| 26                | Fr               | 4 23                                                                                              | 7 40      | 8 46         | 4 29                                                                                                               | 7 34      | 8 43         | 4 35                                                                                                           | 7 28      | 8 39         | 4 53                                                                                                       | 7 11      | 8 28         |
| 27                | Sa               | 4 23                                                                                              | 7 40      | 9 30         | 4 30                                                                                                               | 7 34      | 9 28         | 4 36                                                                                                           | 7 29      | 9 25         | 4 53                                                                                                       | 7 11      | 9 17         |
| 28                | S                | 4 24                                                                                              | 7 40      | 10 10        | 4 30                                                                                                               | 7 34      | 10 8         | 4 36                                                                                                           | 7 29      | 10 6         | 4 54                                                                                                       | 7 11      | 10 1         |
| 29                | M                | 4 24                                                                                              | 7 40      | 10 46        | 4 30                                                                                                               | 7 34      | 10 45        | 4 36                                                                                                           | 7 29      | 10 44        | 4 54                                                                                                       | 7 11      | 10 42        |
| 30                | Tu               | 4 24                                                                                              | 7 40      | 11 19        | 4 31                                                                                                               | 7 35      | 11 19        | 4 36                                                                                                           | 7 29      | 11 20        | 4 54                                                                                                       | 7 11      | 11 20        |

SUN ON MERIDIAN.

| DAY OF MONTH. | H. | M. | S. | DAY OF MONTH. | H. | M. | S. | DAY OF MONTH. | H. | M. | S. | DAY OF MONTH. | H. | M. | S. |
|---------------|----|----|----|---------------|----|----|----|---------------|----|----|----|---------------|----|----|----|
| 1             | 11 | 57 | 29 | 7             | 11 | 58 | 28 | 13            | 11 | 59 | 37 | 19            | 12 | 0  | 53 |
| 2             | 11 | 57 | 38 | 8             | 11 | 58 | 39 | 14            | 11 | 59 | 50 | 20            | 12 | 1  | 6  |
| 3             | 11 | 57 | 47 | 9             | 11 | 58 | 50 | 15            | 12 | 0  | 2  | 21            | 12 | 1  | 19 |
| 4             | 11 | 57 | 57 | 10            | 11 | 59 | 1  | 16            | 12 | 0  | 15 | 22            | 12 | 1  | 32 |
| 5             | 11 | 58 | 7  | 11            | 11 | 59 | 13 | 17            | 12 | 0  | 27 | 23            | 12 | 1  | 46 |
| 6             | 11 | 58 | 17 | 12            | 11 | 59 | 25 | 18            | 12 | 0  | 40 | 24            | 12 | 1  | 59 |

TWILIGHT.

| PLACES.     | June. | Begins, A. M. |    | Ends, P. M. |    | June. | Begins, A. M. |    | Ends, P. M. |    | June. | Begins, A. M. |    | Ends, P. M. |    |
|-------------|-------|---------------|----|-------------|----|-------|---------------|----|-------------|----|-------|---------------|----|-------------|----|
|             |       | H.            | M. | H.          | M. |       | H.            | M. | H.          | M. |       | H.            | M. | H.          | M. |
| Boston..... | 1     | 2             | 17 | 9           | 38 | 11    | 2             | 9  | 9           | 51 | 21    | 2             | 8  | 9           | 55 |
| New York..  | 1     | 2             | 29 | 9           | 26 | 11    | 2             | 23 | 9           | 37 | 21    | 2             | 22 | 9           | 41 |
| Wash'ton..  | 1     | 2             | 41 | 9           | 14 | 11    | 2             | 36 | 9           | 24 | 21    | 2             | 35 | 9           | 28 |
| Charleston. | 1     | 3             | 13 | 8           | 43 | 11    | 3             | 9  | 8           | 51 | 21    | 3             | 9  | 8           | 54 |

| Day of the Month. | Day of the Week. | Calendar for<br>BOSTON,<br>New England, N. Y. State,<br>Michigan, Wisconsin,<br>N. and S. Dakota,<br>and Oregon. |              |                 | Calendar for<br>NEW YORK CITY,<br>Connecticut, Pennsyl-<br>vania, Ohio, Indiana,<br>Illinois, Nebraska, and<br>Northern California. |              |                 | Calendar for<br>WASHINGTON,<br>Virginia, Kentucky,<br>Missouri, Kansas, Colorado,<br>Utah, Nevada,<br>and Central California. |              |                 | Calendar for<br>CHARLESTON,<br>Georgia, Alabama,<br>Louisiana, Texas, New<br>Mexico, Arizona,<br>and Southern California. |              |                 |
|-------------------|------------------|------------------------------------------------------------------------------------------------------------------|--------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------|---------------------------------------------------------------------------------------------------------------------------|--------------|-----------------|
|                   |                  | SUN<br>RISES.                                                                                                    | SUN<br>SETS. | MOON<br>R. & S. | SUN<br>RISES.                                                                                                                       | SUN<br>SETS. | MOON<br>R. & S. | SUN<br>RISES.                                                                                                                 | SUN<br>SETS. | MOON<br>R. & S. | SUN<br>RISES.                                                                                                             | SUN<br>SETS. | MOON<br>R. & S. |
|                   |                  | H. M.                                                                                                            | H. M.        | H. M.           | H. M.                                                                                                                               | H. M.        | H. M.           | H. M.                                                                                                                         | H. M.        | H. M.           | H. M.                                                                                                                     | H. M.        | H. M.           |
| 1                 | W                | 4 25                                                                                                             | 7 40         | 11 52           | 4 31                                                                                                                                | 7 35         | 11 53           | 4 37                                                                                                                          | 7 29         | 11 54           | 4 55                                                                                                                      | 7 11         | 11 58           |
| 2                 | Th               | 4 25                                                                                                             | 7 40         | A. M.           | 4 31                                                                                                                                | 7 34         | A. M.           | 4 37                                                                                                                          | 7 29         | A. M.           | 4 55                                                                                                                      | 7 11         | A. M.           |
| 3                 | Fr               | 4 26                                                                                                             | 7 40         | 12 25           | 4 32                                                                                                                                | 7 34         | 12 27           | 4 37                                                                                                                          | 7 29         | 12 29           | 4 55                                                                                                                      | 7 11         | 12 35           |
| 4                 | Sa               | 4 27                                                                                                             | 7 40         | 12 59           | 4 33                                                                                                                                | 7 34         | 1 1             | 4 38                                                                                                                          | 7 29         | 1 4             | 4 56                                                                                                                      | 7 11         | 1 13            |
| 5                 | S                | 4 27                                                                                                             | 7 39         | 1 36            | 4 34                                                                                                                                | 7 33         | 1 39            | 4 38                                                                                                                          | 7 28         | 1 43            | 4 56                                                                                                                      | 7 11         | 1 54            |
| 6                 | M                | 4 28                                                                                                             | 7 39         | 2 15            | 4 35                                                                                                                                | 7 33         | 2 19            | 4 39                                                                                                                          | 7 28         | 2 23            | 4 57                                                                                                                      | 7 11         | 2 36            |
| 7                 | Tu               | 4 29                                                                                                             | 7 39         | 2 59            | 4 35                                                                                                                                | 7 33         | 3 3             | 4 40                                                                                                                          | 7 28         | 3 8             | 4 57                                                                                                                      | 7 11         | 3 21            |
| 8                 | W                | 4 29                                                                                                             | 7 39         | 3 46            | 4 36                                                                                                                                | 7 33         | 3 50            | 4 40                                                                                                                          | 7 28         | 3 55            | 4 58                                                                                                                      | 7 11         | 4 8             |
| 9                 | Th               | 4 30                                                                                                             | 7 38         | rises.          | 4 37                                                                                                                                | 7 32         | rises.          | 4 41                                                                                                                          | 7 27         | rises.          | 4 58                                                                                                                      | 7 10         | rises.          |
| 10                | Fr               | 4 31                                                                                                             | 7 38         | 8 1             | 4 37                                                                                                                                | 7 32         | 7 57            | 4 41                                                                                                                          | 7 27         | 7 54            | 4 59                                                                                                                      | 7 10         | 7 43            |
| 11                | Sa               | 4 32                                                                                                             | 7 38         | 8 35            | 4 38                                                                                                                                | 7 32         | 8 32            | 4 42                                                                                                                          | 7 26         | 8 29            | 5 0                                                                                                                       | 7 10         | 8 21            |
| 12                | S                | 4 33                                                                                                             | 7 37         | 9 7             | 4 39                                                                                                                                | 7 31         | 9 5             | 4 43                                                                                                                          | 7 26         | 9 3             | 5 0                                                                                                                       | 7 10         | 8 56            |
| 13                | M                | 4 33                                                                                                             | 7 37         | 9 37            | 4 40                                                                                                                                | 7 31         | 9 36            | 4 43                                                                                                                          | 7 25         | 9 34            | 5 1                                                                                                                       | 7 9          | 9 30            |
| 14                | Tu               | 4 34                                                                                                             | 7 37         | 10 6            | 4 40                                                                                                                                | 7 30         | 10 5            | 4 44                                                                                                                          | 7 25         | 10 4            | 5 1                                                                                                                       | 7 9          | 10 3            |
| 15                | W                | 4 35                                                                                                             | 7 36         | 10 35           | 4 41                                                                                                                                | 7 30         | 10 35           | 4 45                                                                                                                          | 7 24         | 10 36           | 5 2                                                                                                                       | 7 9          | 10 37           |
| 16                | Th               | 4 36                                                                                                             | 7 36         | 11 5            | 4 42                                                                                                                                | 7 29         | 11 6            | 4 46                                                                                                                          | 7 24         | 11 8            | 5 3                                                                                                                       | 7 8          | 11 11           |
| 17                | Fr               | 4 37                                                                                                             | 7 35         | 11 39           | 4 43                                                                                                                                | 7 29         | 11 40           | 4 47                                                                                                                          | 7 23         | 11 42           | 5 3                                                                                                                       | 7 8          | 11 49           |
| 18                | Sa               | 4 37                                                                                                             | 7 34         | A. M.           | 4 44                                                                                                                                | 7 28         | A. M.           | 4 48                                                                                                                          | 7 23         | A. M.           | 5 4                                                                                                                       | 7 8          | A. M.           |
| 19                | S                | 4 38                                                                                                             | 7 33         | 12 15           | 4 45                                                                                                                                | 7 28         | 12 18           | 4 49                                                                                                                          | 7 22         | 12 21           | 5 4                                                                                                                       | 7 7          | 12 29           |
| 20                | M                | 4 39                                                                                                             | 7 32         | 12 57           | 4 46                                                                                                                                | 7 27         | 1 0             | 4 50                                                                                                                          | 7 21         | 1 4             | 5 5                                                                                                                       | 7 7          | 1 15            |
| 21                | Tu               | 4 40                                                                                                             | 7 32         | 1 46            | 4 46                                                                                                                                | 7 26         | 1 50            | 4 50                                                                                                                          | 7 21         | 1 54            | 5 5                                                                                                                       | 7 6          | 2 6             |
| 22                | W                | 4 41                                                                                                             | 7 31         | 2 43            | 4 47                                                                                                                                | 7 26         | 2 47            | 4 51                                                                                                                          | 7 20         | 2 52            | 5 6                                                                                                                       | 7 6          | 3 5             |
| 23                | Th               | 4 42                                                                                                             | 7 30         | 3 47            | 4 48                                                                                                                                | 7 25         | 3 52            | 4 52                                                                                                                          | 7 19         | 3 56            | 5 7                                                                                                                       | 7 5          | 4 9             |
| 24                | Fr               | 4 43                                                                                                             | 7 29         | sets.           | 4 49                                                                                                                                | 7 24         | sets.           | 4 53                                                                                                                          | 7 18         | sets.           | 5 7                                                                                                                       | 7 5          | sets.           |
| 25                | Sa               | 4 44                                                                                                             | 7 28         | 8 5             | 4 50                                                                                                                                | 7 23         | 8 3             | 4 54                                                                                                                          | 7 17         | 8 1             | 5 8                                                                                                                       | 7 4          | 7 53            |
| 26                | S                | 4 45                                                                                                             | 7 27         | 8 43            | 4 51                                                                                                                                | 7 22         | 8 42            | 4 55                                                                                                                          | 7 17         | 8 40            | 5 9                                                                                                                       | 7 3          | 8 37            |
| 27                | M                | 4 46                                                                                                             | 7 26         | 9 19            | 4 52                                                                                                                                | 7 21         | 9 19            | 4 56                                                                                                                          | 7 16         | 9 18            | 5 9                                                                                                                       | 7 3          | 9 17            |
| 28                | Tu               | 4 47                                                                                                             | 7 25         | 9 53            | 4 53                                                                                                                                | 7 20         | 9 54            | 4 57                                                                                                                          | 7 15         | 9 55            | 5 10                                                                                                                      | 7 2          | 9 57            |
| 29                | W                | 4 48                                                                                                             | 7 24         | 10 26           | 4 54                                                                                                                                | 7 19         | 10 28           | 4 57                                                                                                                          | 7 14         | 10 30           | 5 11                                                                                                                      | 7 1          | 10 35           |
| 30                | Th               | 4 49                                                                                                             | 7 23         | 11 1            | 4 54                                                                                                                                | 7 18         | 11 3            | 4 58                                                                                                                          | 7 14         | 11 6            | 5 11                                                                                                                      | 7 0          | 11 13           |
| 31                | Fr               | 4 50                                                                                                             | 7 22         | 11 37           | 4 55                                                                                                                                | 7 18         | 11 40           | 4 58                                                                                                                          | 7 14         | 11 43           | 5 12                                                                                                                      | 7 0          | 11 54           |

SUN ON MERIDIAN.

| DAY OF MONTH. | DAY OF MONTH. |    |    | DAY OF MONTH. |    |    | DAY OF MONTH. |    |    | DAY OF MONTH. |    |    |    |   |    |    |    |   |    |
|---------------|---------------|----|----|---------------|----|----|---------------|----|----|---------------|----|----|----|---|----|----|----|---|----|
|               | H.            | M. | S. | H.            | M. | S. | H.            | M. | S. | H.            | M. | S. |    |   |    |    |    |   |    |
| 1             | 12            | 3  | 26 | 8             | 12 | 4  | 41            | 14 | 12 | 5             | 31 | 20 | 12 | 6 | 4  | 26 | 12 | 6 | 18 |
| 2             | 12            | 3  | 38 | 9             | 12 | 4  | 51            | 15 | 12 | 5             | 38 | 21 | 12 | 6 | 8  | 27 | 12 | 6 | 19 |
| 3             | 12            | 3  | 49 | 10            | 12 | 5  | 0             | 16 | 12 | 5             | 44 | 22 | 12 | 6 | 11 | 28 | 12 | 6 | 18 |
| 4             | 12            | 4  | 0  | 11            | 12 | 5  | 8             | 17 | 12 | 5             | 50 | 23 | 12 | 6 | 14 | 29 | 12 | 6 | 17 |
| 5             | 12            | 4  | 11 | 12            | 12 | 5  | 16            | 18 | 12 | 5             | 55 | 24 | 12 | 6 | 16 | 30 | 12 | 6 | 16 |
| 6             | 12            | 4  | 21 | 13            | 12 | 5  | 24            | 19 | 12 | 6             | 0  | 25 | 12 | 6 | 17 | 31 | 12 | 6 | 14 |
| 7             | 12            | 4  | 32 |               |    |    |               |    |    |               |    |    |    |   |    |    |    |   |    |

TWILIGHT.

| PLACES.     | July. | Begins, A. M. |    | Ends, P. M. |    | July. | Begins, A. M. |    | Ends, P. M. |    | July. | Begins, A. M. |    | Ends, P. M. |    |
|-------------|-------|---------------|----|-------------|----|-------|---------------|----|-------------|----|-------|---------------|----|-------------|----|
|             |       | H.            | M. | H.          | M. |       | H.            | M. | H.          | M. |       | H.            | M. | H.          | M. |
| Boston..... | 1     | 2             | 14 | 9           | 54 | 11    | 2             | 24 | 9           | 45 | 21    | 2             | 39 | 9           | 34 |
| New York.   | 1     | 2             | 27 | 9           | 40 | 11    | 2             | 37 | 9           | 34 | 21    | 2             | 49 | 9           | 23 |
| Wash' ton., | 1     | 2             | 40 | 9           | 27 | 11    | 2             | 49 | 9           | 22 | 21    | 3             | 0  | 9           | 12 |
| Charleston, | 1     | 3             | 13 | 8           | 54 | 11    | 3             | 20 | 8           | 50 | 21    | 3             | 29 | 8           | 43 |

| Day of the Month. | Day of the Week. | Calendar for<br>Boston,<br>New England, N. Y. State,<br>Michigan, Wisconsin,<br>N. and S. Dakota,<br>and Oregon. |              |                 | Calendar for<br>New York City,<br>Connecticut, Pennsylvania,<br>Ohio, Indiana,<br>Illinois, Nebraska, and<br>Northern California. |              |                 | Calendar for<br>Washington,<br>Virginia, Kentucky,<br>Missouri, Kansas, Colorado,<br>Utah, Nevada,<br>and Central California. |              |                 | Calendar for<br>Charleston,<br>Georgia, Alabama,<br>Louisiana, Texas, New<br>Mexico, Arizona,<br>and Southern California. |              |                 |
|-------------------|------------------|------------------------------------------------------------------------------------------------------------------|--------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------|---------------------------------------------------------------------------------------------------------------------------|--------------|-----------------|
|                   |                  | SUN<br>RISES.                                                                                                    | SUN<br>SETS. | MOON<br>R. & S. | SUN<br>RISES.                                                                                                                     | SUN<br>SETS. | MOON<br>R. & S. | SUN<br>RISES.                                                                                                                 | SUN<br>SETS. | MOON<br>R. & S. | SUN<br>RISES.                                                                                                             | SUN<br>SETS. | MOON<br>R. & S. |
|                   |                  | H. M.                                                                                                            | H. M.        | H. M.           | H. M.                                                                                                                             | H. M.        | H. M.           | H. M.                                                                                                                         | H. M.        | H. M.           | H. M.                                                                                                                     | H. M.        | H. M.           |
| 1                 | Sa               | 4 51                                                                                                             | 7 21         | A. M.           | 4 55                                                                                                                              | 7 17         | A. M.           | 4 59                                                                                                                          | 7 13         | A. M.           | 5 13                                                                                                                      | 6 59         | A. M.           |
| 2                 | S                | 4 52                                                                                                             | 7 20         | 12 16           | 4 56                                                                                                                              | 7 16         | 12 20           | 5 0                                                                                                                           | 7 12         | 12 24           | 5 14                                                                                                                      | 6 58         | 12 36           |
| 3                 | M                | 4 53                                                                                                             | 7 19         | 12 58           | 4 57                                                                                                                              | 7 15         | 1 2             | 5 1                                                                                                                           | 7 11         | 1 7             | 5 14                                                                                                                      | 6 57         | 1 19            |
| 4                 | Tu               | 4 54                                                                                                             | 7 18         | 1 44            | 4 58                                                                                                                              | 7 14         | 1 48            | 5 1                                                                                                                           | 7 10         | 1 53            | 5 15                                                                                                                      | 6 56         | 2 6             |
| 5                 | W                | 4 55                                                                                                             | 7 17         | 2 33            | 4 59                                                                                                                              | 7 12         | 2 37            | 5 2                                                                                                                           | 7 9          | 2 41            | 5 16                                                                                                                      | 6 55         | 2 55            |
| 6                 | Th               | 4 56                                                                                                             | 7 16         | 3 25            | 5 0                                                                                                                               | 7 11         | 3 29            | 5 3                                                                                                                           | 7 8          | 3 33            | 5 16                                                                                                                      | 6 55         | 3 45            |
| 7                 | Fr               | 4 57                                                                                                             | 7 15         | 4 19            | 5 1                                                                                                                               | 7 10         | 4 23            | 5 4                                                                                                                           | 7 7          | 4 26            | 5 17                                                                                                                      | 6 54         | 4 37            |
| 8                 | Sa               | 4 58                                                                                                             | 7 14         | rises.          | 5 2                                                                                                                               | 7 9          | rises.          | 5 5                                                                                                                           | 7 6          | rises.          | 5 18                                                                                                                      | 6 53         | rises.          |
| 9                 | S                | 4 59                                                                                                             | 7 13         | 7 40            | 5 3                                                                                                                               | 7 7          | 7 39            | 5 6                                                                                                                           | 7 6          | 7 37            | 5 18                                                                                                                      | 6 52         | 7 32            |
| 10                | M                | 5 0                                                                                                              | 7 11         | 8 10            | 5 4                                                                                                                               | 7 6          | 8 9             | 5 7                                                                                                                           | 7 5          | 8 9             | 5 19                                                                                                                      | 6 51         | 8 6             |
| 11                | Tu               | 5 1                                                                                                              | 7 10         | 8 40            | 5 5                                                                                                                               | 7 5          | 8 39            | 5 8                                                                                                                           | 7 3          | 8 40            | 5 20                                                                                                                      | 6 50         | 8 40            |
| 12                | W                | 5 2                                                                                                              | 7 9          | 9 9             | 5 6                                                                                                                               | 7 4          | 9 10            | 5 9                                                                                                                           | 7 2          | 9 11            | 5 21                                                                                                                      | 6 48         | 9 13            |
| 13                | Th               | 5 3                                                                                                              | 7 8          | 9 41            | 5 7                                                                                                                               | 7 3          | 9 42            | 5 10                                                                                                                          | 7 0          | 9 44            | 5 21                                                                                                                      | 6 47         | 9 49            |
| 14                | Fr               | 5 4                                                                                                              | 7 7          | 10 15           | 5 8                                                                                                                               | 7 1          | 10 17           | 5 11                                                                                                                          | 6 59         | 10 20           | 5 22                                                                                                                      | 6 46         | 10 28           |
| 15                | Sa               | 5 5                                                                                                              | 7 5          | 10 53           | 5 9                                                                                                                               | 7 0          | 10 56           | 5 12                                                                                                                          | 6 58         | 11 0            | 5 23                                                                                                                      | 6 45         | 11 10           |
| 16                | S                | 5 6                                                                                                              | 7 4          | 11 38           | 5 10                                                                                                                              | 6 58         | 11 42           | 5 13                                                                                                                          | 6 57         | 11 46           | 5 23                                                                                                                      | 6 44         | 11 58           |
| 17                | M                | 5 7                                                                                                              | 7 3          | A. M.           | 5 11                                                                                                                              | 6 57         | A. M.           | 5 14                                                                                                                          | 6 55         | A. M.           | 5 24                                                                                                                      | 6 43         | A. M.           |
| 18                | Tu               | 5 8                                                                                                              | 7 1          | 12 29           | 5 12                                                                                                                              | 6 56         | 12 34           | 5 15                                                                                                                          | 6 54         | 12 38           | 5 25                                                                                                                      | 6 42         | 12 51           |
| 19                | W                | 5 9                                                                                                              | 6 59         | 1 28            | 5 13                                                                                                                              | 6 55         | 1 33            | 5 16                                                                                                                          | 6 52         | 1 37            | 5 25                                                                                                                      | 6 41         | 1 50            |
| 20                | Th               | 5 10                                                                                                             | 6 57         | 2 34            | 5 14                                                                                                                              | 6 54         | 2 38            | 5 17                                                                                                                          | 6 51         | 2 42            | 5 26                                                                                                                      | 6 40         | 2 54            |
| 21                | Fr               | 5 11                                                                                                             | 6 55         | 3 46            | 5 15                                                                                                                              | 6 53         | 3 49            | 5 18                                                                                                                          | 6 49         | 3 52            | 5 27                                                                                                                      | 6 39         | 4 2             |
| 22                | Sa               | 5 12                                                                                                             | 6 54         | sets.           | 5 16                                                                                                                              | 6 51         | sets.           | 5 19                                                                                                                          | 6 48         | sets.           | 5 27                                                                                                                      | 6 38         | sets.           |
| 23                | S                | 5 13                                                                                                             | 6 52         | 7 13            | 5 17                                                                                                                              | 6 50         | 7 12            | 5 20                                                                                                                          | 6 46         | 7 11            | 5 28                                                                                                                      | 6 36         | 7 9             |
| 24                | M                | 5 14                                                                                                             | 6 51         | 7 49            | 5 18                                                                                                                              | 6 48         | 7 49            | 5 21                                                                                                                          | 6 45         | 7 50            | 5 29                                                                                                                      | 6 35         | 7 50            |
| 25                | Tu               | 5 15                                                                                                             | 6 50         | 8 24            | 5 19                                                                                                                              | 6 46         | 8 26            | 5 22                                                                                                                          | 6 44         | 8 27            | 5 29                                                                                                                      | 6 34         | 8 31            |
| 26                | W                | 5 16                                                                                                             | 6 48         | 8 59            | 5 20                                                                                                                              | 6 44         | 9 1             | 5 23                                                                                                                          | 6 42         | 9 4             | 5 30                                                                                                                      | 6 33         | 9 10            |
| 27                | Th               | 5 17                                                                                                             | 6 47         | 9 36            | 5 21                                                                                                                              | 6 42         | 9 39            | 5 24                                                                                                                          | 6 41         | 9 42            | 5 31                                                                                                                      | 6 32         | 9 51            |
| 28                | Fr               | 5 18                                                                                                             | 6 45         | 10 15           | 5 22                                                                                                                              | 6 41         | 10 18           | 5 25                                                                                                                          | 6 40         | 10 22           | 5 31                                                                                                                      | 6 31         | 10 33           |
| 29                | Sa               | 5 19                                                                                                             | 6 43         | 10 56           | 5 23                                                                                                                              | 6 39         | 11 0            | 5 26                                                                                                                          | 6 38         | 11 04           | 5 32                                                                                                                      | 6 30         | 11 17           |
| 30                | S                | 5 20                                                                                                             | 6 41         | 11 41           | 5 24                                                                                                                              | 6 38         | 11 45           | 5 27                                                                                                                          | 6 37         | 11 50           | 5 33                                                                                                                      | 6 28         | A. M.           |
| 31                | M                | 5 22                                                                                                             | 6 39         | A. M.           | 5 25                                                                                                                              | 6 36         | A. M.           | 5 27                                                                                                                          | 6 35         | A. M.           | 5 33                                                                                                                      | 6 27         | 12 2            |

SUN ON MERIDIAN.

| DAY OF MONTH. | DAY OF MONTH. |    |    | DAY OF MONTH. |    |    | DAY OF MONTH. |    |    | DAY OF MONTH. |    |    |    |   |    |    |    |   |    |
|---------------|---------------|----|----|---------------|----|----|---------------|----|----|---------------|----|----|----|---|----|----|----|---|----|
|               | H.            | M. | S. | H.            | M. | S. | H.            | M. | S. | H.            | M. | S. |    |   |    |    |    |   |    |
| 1             | 12            | 6  | 11 | 8             | 12 | 5  | 34            | 14 | 12 | 4             | 40 | 20 | 12 | 3 | 26 | 26 | 12 | 1 | 56 |
| 2             | 12            | 6  | 7  | 9             | 12 | 5  | 26            | 15 | 12 | 4             | 29 | 21 | 12 | 3 | 12 | 27 | 12 | 1 | 39 |
| 3             | 12            | 6  | 3  | 10            | 12 | 5  | 18            | 16 | 12 | 4             | 17 | 22 | 12 | 2 | 58 | 28 | 12 | 1 | 22 |
| 4             | 12            | 5  | 59 | 11            | 12 | 5  | 9             | 17 | 12 | 4             | 5  | 23 | 12 | 2 | 43 | 29 | 12 | 1 | 5  |
| 5             | 12            | 5  | 54 | 12            | 12 | 5  | 0             | 18 | 12 | 3             | 53 | 24 | 12 | 2 | 28 | 30 | 12 | 0 | 47 |
| 6             | 12            | 5  | 48 | 13            | 12 | 4  | 50            | 19 | 12 | 3             | 40 | 25 | 12 | 2 | 12 | 31 | 12 | 0 | 29 |
| 7             | 12            | 5  | 41 |               |    |    |               |    |    |               |    |    |    |   |    |    |    |   |    |

TWILIGHT.

| PLACES.     | Aug. | Begins, A. M. |    | Ends, P. M. |    | Aug. | Begins, A. M. |    | Ends, P. M. |    | Aug. | Begins, A. M. |    | Ends, P. M. |    |
|-------------|------|---------------|----|-------------|----|------|---------------|----|-------------|----|------|---------------|----|-------------|----|
|             |      | H.            | M. | H.          | M. |      | H.            | M. | H.          | M. |      | H.            | M. | H.          | M. |
| Boston..... | 1    | 2             | 57 | 9           | 16 | 11   | 3             | 13 | 8           | 57 | 21   | 3             | 29 | 8           | 37 |
| New York.   | 1    | 3             | 6  | 9           | 6  | 11   | 3             | 22 | 8           | 48 | 21   | 3             | 35 | 8           | 31 |
| Wash' ton.  | 1    | 3             | 15 | 8           | 57 | 11   | 3             | 29 | 8           | 41 | 21   | 3             | 41 | 8           | 24 |
| Charleston. | 1    | 3             | 40 | 8           | 32 | 11   | 3             | 50 | 8           | 20 | 21   | 3             | 59 | 8           | 7  |

| Day of the Month. | Day of the Week. | Calendar for<br>Boston,<br>New England, N. Y. State,<br>Michigan, Wisconsin,<br>N. and S. Dakota,<br>and Oregon. |              |                 | Calendar for<br>New York City,<br>Connecticut, Pennsyl-<br>vania, Ohio, Indiana,<br>Illinois, Nebraska, and<br>Northern California. |              |                 | Calendar for<br>Washington,<br>Virginia, Kentucky,<br>Missouri, Kansas, Colorado,<br>Utah, Nevada,<br>and Central California. |              |                 | Calendar for<br>Charleston,<br>Georgia, Alabama,<br>Louisiana, Texas, New<br>Mexico, Arizona,<br>and Southern California. |              |                 |
|-------------------|------------------|------------------------------------------------------------------------------------------------------------------|--------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------|---------------------------------------------------------------------------------------------------------------------------|--------------|-----------------|
|                   |                  | SUN<br>RISES.                                                                                                    | SUN<br>SETS. | MOON<br>R. & S. | SUN<br>RISES.                                                                                                                       | SUN<br>SETS. | MOON<br>R. & S. | SUN<br>RISES.                                                                                                                 | SUN<br>SETS. | MOON<br>R. & S. | SUN<br>RISES.                                                                                                             | SUN<br>SETS. | MOON<br>R. & S. |
|                   |                  | H. M.                                                                                                            | H. M.        | H. M.           | H. M.                                                                                                                               | H. M.        | H. M.           | H. M.                                                                                                                         | H. M.        | H. M.           | H. M.                                                                                                                     | H. M.        | H. M.           |
| 1 Tu              | 5 23             | 6 37                                                                                                             | 12 29        | 5 26            | 6 35                                                                                                                                | 12 33        | 5 28            | 6 33                                                                                                                          | 12 37        | 5 34            | 6 26                                                                                                                      | 12 50        |                 |
| 2 W               | 5 24             | 6 35                                                                                                             | 1 20         | 5 27            | 6 33                                                                                                                                | 1 24         | 5 29            | 6 31                                                                                                                          | 1 30         | 5 35            | 6 25                                                                                                                      | 1 40         |                 |
| 3 Th              | 5 26             | 6 33                                                                                                             | 2 13         | 5 28            | 6 31                                                                                                                                | 2 17         | 5 30            | 6 29                                                                                                                          | 2 20         | 5 35            | 6 24                                                                                                                      | 2 32         |                 |
| 4 Fr              | 5 27             | 6 32                                                                                                             | 3 9          | 5 29            | 6 30                                                                                                                                | 3 12         | 5 31            | 6 28                                                                                                                          | 3 15         | 5 36            | 6 22                                                                                                                      | 3 24         |                 |
| 5 Sa              | 5 28             | 6 30                                                                                                             | 4 5          | 5 30            | 6 28                                                                                                                                | 4 7          | 5 32            | 6 27                                                                                                                          | 4 10         | 5 37            | 6 21                                                                                                                      | 4 17         |                 |
| 6 S               | 5 29             | 6 28                                                                                                             | rises.       | 5 31            | 6 26                                                                                                                                | rises.       | 5 33            | 6 24                                                                                                                          | rises.       | 5 37            | 6 19                                                                                                                      | rises.       |                 |
| 7 M               | 5 30             | 6 26                                                                                                             | 6 42         | 5 32            | 6 24                                                                                                                                | 6 42         | 5 34            | 6 23                                                                                                                          | 6 41         | 5 38            | 6 18                                                                                                                      | 6 41         |                 |
| 8 Tu              | 5 31             | 6 25                                                                                                             | 7 13         | 5 33            | 6 23                                                                                                                                | 7 13         | 5 35            | 6 21                                                                                                                          | 7 14         | 5 38            | 6 16                                                                                                                      | 7 16         |                 |
| 9 W               | 5 32             | 6 23                                                                                                             | 7 43         | 5 34            | 6 21                                                                                                                                | 7 45         | 5 36            | 6 20                                                                                                                          | 7 46         | 5 39            | 6 15                                                                                                                      | 7 51         |                 |
| 10 Th             | 5 33             | 6 21                                                                                                             | 8 17         | 5 35            | 6 19                                                                                                                                | 8 19         | 5 37            | 6 18                                                                                                                          | 8 22         | 5 40            | 6 14                                                                                                                      | 8 29         |                 |
| 11 Fr             | 5 35             | 6 19                                                                                                             | 8 54         | 5 36            | 6 17                                                                                                                                | 8 57         | 5 38            | 6 16                                                                                                                          | 9 0          | 5 40            | 6 12                                                                                                                      | 9 9          |                 |
| 12 Sa             | 5 36             | 6 17                                                                                                             | 9 36         | 5 37            | 6 16                                                                                                                                | 9 40         | 5 39            | 6 15                                                                                                                          | 9 43         | 5 41            | 6 11                                                                                                                      | 9 55         |                 |
| 13 S              | 5 37             | 6 15                                                                                                             | 10 24        | 5 38            | 6 14                                                                                                                                | 10 28        | 5 40            | 6 13                                                                                                                          | 10 32        | 5 42            | 6 9                                                                                                                       | 10 44        |                 |
| 14 M              | 5 38             | 6 14                                                                                                             | 11 18        | 5 39            | 6 13                                                                                                                                | 11 23        | 5 41            | 6 12                                                                                                                          | 11 27        | 5 42            | 6 8                                                                                                                       | 11 39        |                 |
| 15 Tu             | 5 39             | 6 12                                                                                                             | A. M.        | 5 40            | 6 11                                                                                                                                | A. M.        | 5 41            | 6 10                                                                                                                          | A. M.        | 5 43            | 6 7                                                                                                                       | A. M.        |                 |
| 16 W              | 5 40             | 6 10                                                                                                             | 12 19        | 5 41            | 6 9                                                                                                                                 | 12 23        | 5 42            | 6 9                                                                                                                           | 12 27        | 5 43            | 6 6                                                                                                                       | 12 40        |                 |
| 17 Th             | 5 41             | 6 8                                                                                                              | 1 26         | 5 42            | 6 7                                                                                                                                 | 1 29         | 5 43            | 6 7                                                                                                                           | 1 33         | 5 44            | 6 5                                                                                                                       | 1 44         |                 |
| 18 Fr             | 5 42             | 6 6                                                                                                              | 2 36         | 5 43            | 6 5                                                                                                                                 | 2 39         | 5 44            | 6 5                                                                                                                           | 2 42         | 5 45            | 6 4                                                                                                                       | 2 50         |                 |
| 19 Sa             | 5 43             | 6 5                                                                                                              | 3 49         | 5 44            | 6 4                                                                                                                                 | 3 50         | 5 45            | 6 4                                                                                                                           | 3 52         | 5 45            | 6 3                                                                                                                       | 3 57         |                 |
| 20 S              | 5 44             | 6 3                                                                                                              | 5 0          | 5 44            | 6 2                                                                                                                                 | 5 1          | 5 46            | 6 2                                                                                                                           | 5 2          | 5 46            | 6 1                                                                                                                       | 5 4          |                 |
| 21 M              | 5 45             | 6 1                                                                                                              | sets.        | 5 45            | 6 1                                                                                                                                 | sets.        | 5 47            | 6 0                                                                                                                           | sets.        | 5 47            | 6 0                                                                                                                       | sets.        |                 |
| 22 Tu             | 5 46             | 6 0                                                                                                              | 6 54         | 5 46            | 6 0                                                                                                                                 | 6 55         | 5 48            | 5 59                                                                                                                          | 6 57         | 5 47            | 5 59                                                                                                                      | 7 2          |                 |
| 23 W              | 5 47             | 5 58                                                                                                             | 7 30         | 5 47            | 5 58                                                                                                                                | 7 33         | 5 49            | 5 57                                                                                                                          | 7 36         | 5 48            | 5 57                                                                                                                      | 7 43         |                 |
| 24 Th             | 5 48             | 5 56                                                                                                             | 8 9          | 5 48            | 5 56                                                                                                                                | 8 13         | 5 50            | 5 56                                                                                                                          | 8 16         | 5 48            | 5 56                                                                                                                      | 8 26         |                 |
| 25 Fr             | 5 50             | 5 54                                                                                                             | 8 50         | 5 49            | 5 54                                                                                                                                | 8 53         | 5 51            | 5 54                                                                                                                          | 8 58         | 5 49            | 5 54                                                                                                                      | 9 10         |                 |
| 26 Sa             | 5 51             | 5 52                                                                                                             | 9 35         | 5 50            | 5 53                                                                                                                                | 9 39         | 5 52            | 5 53                                                                                                                          | 9 44         | 5 50            | 5 53                                                                                                                      | 9 56         |                 |
| 27 S              | 5 52             | 5 50                                                                                                             | 10 23        | 5 51            | 5 51                                                                                                                                | 10 27        | 5 53            | 5 51                                                                                                                          | 10 31        | 5 50            | 5 51                                                                                                                      | 10 44        |                 |
| 28 M              | 5 53             | 5 49                                                                                                             | 11 13        | 5 52            | 5 49                                                                                                                                | 11 17        | 5 53            | 5 49                                                                                                                          | 11 21        | 5 51            | 5 50                                                                                                                      | 11 34        |                 |
| 29 Tu             | 5 54             | 5 47                                                                                                             | A. M.        | 5 53            | 5 48                                                                                                                                | A. M.        | 5 54            | 5 48                                                                                                                          | A. M.        | 5 52            | 5 49                                                                                                                      | A. M.        |                 |
| 30 W              | 5 55             | 5 46                                                                                                             | 12 5         | 5 54            | 5 46                                                                                                                                | 12 8         | 5 55            | 5 46                                                                                                                          | 12 13        | 5 52            | 5 48                                                                                                                      | 12 25        |                 |

SUN ON MERIDIAN.

| DAY OF MONTH. | DAY OF MONTH. |    |    | DAY OF MONTH. |    |    | DAY OF MONTH. |    |    | DAY OF MONTH. |    |    |    |    |    |    |    |    |    |
|---------------|---------------|----|----|---------------|----|----|---------------|----|----|---------------|----|----|----|----|----|----|----|----|----|
|               | H.            | M. | S. | H.            | M. | S. | H.            | M. | S. | H.            | M. | S. |    |    |    |    |    |    |    |
| 1             | 12            | 0  | 10 | 7             | 11 | 58 | 14            | 13 | 11 | 56            | 9  | 19 | 11 | 54 | 3  | 25 | 11 | 51 | 57 |
| 2             | 11            | 59 | 52 | 8             | 11 | 57 | 53            | 14 | 11 | 55            | 48 | 20 | 11 | 53 | 41 | 26 | 11 | 51 | 36 |
| 3             | 11            | 59 | 33 | 9             | 11 | 57 | 33            | 15 | 11 | 55            | 27 | 21 | 11 | 53 | 20 | 27 | 11 | 51 | 16 |
| 4             | 11            | 59 | 13 | 10            | 11 | 57 | 12            | 16 | 11 | 55            | 6  | 22 | 11 | 52 | 59 | 28 | 11 | 50 | 56 |
| 5             | 11            | 58 | 54 | 11            | 11 | 57 | 51            | 17 | 11 | 54            | 45 | 23 | 11 | 52 | 39 | 29 | 11 | 50 | 36 |
| 6             | 11            | 58 | 34 | 12            | 11 | 56 | 30            | 18 | 11 | 54            | 24 | 24 | 11 | 52 | 18 | 30 | 11 | 50 | 16 |

TWILIGHT.

| PLACES.     | Sept. | Begins, A. M. |    | Ends, P. M. |    | Sept. | Begins, A. M. |    | Ends, P. M. |    | Sept. | Begins, A. M. |    | Ends, P. M. |    |
|-------------|-------|---------------|----|-------------|----|-------|---------------|----|-------------|----|-------|---------------|----|-------------|----|
|             |       | H.            | M. | H.          | M. |       | H.            | M. | H.          | M. |       | H.            | M. | H.          | M. |
| Boston..... | 1     | 3             | 45 | 8           | 14 | 11    | 3             | 59 | 7           | 54 | 21    | 4             | 12 | 7           | 34 |
| New York.   | 1     | 3             | 50 | 8           | 9  | 11    | 4             | 3  | 7           | 50 | 21    | 4             | 15 | 7           | 31 |
| Wash' ton.  | 1     | 3             | 55 | 8           | 4  | 11    | 4             | 7  | 7           | 46 | 21    | 4             | 18 | 7           | 28 |
| Charleston  | 1     | 4             | 9  | 7           | 51 | 11    | 4             | 17 | 7           | 36 | 21    | 4             | 20 | 7           | 20 |

| Day of the Month. | Day of the Week. | Calendar for<br>Boston,<br>New England, N. Y. State,<br>Michigan, Wisconsin,<br>N. and S. Dakota,<br>and Oregon. |              |                 | Calendar for<br>New York City,<br>Connecticut, Pennsylv-<br>ania, Ohio, Indiana,<br>Illinois, Nebraska, and<br>Northern California. |              |                 | Calendar for<br>Washington,<br>Virginia, Kentucky,<br>Missouri, Kansas, Colorado,<br>Utah, Nevada,<br>and Central California. |              |                 | Calendar for<br>Charleston,<br>Georgia, Alabama,<br>Louisiana, Texas, New<br>Mexico, Arizona,<br>and Southern California. |              |                 |
|-------------------|------------------|------------------------------------------------------------------------------------------------------------------|--------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------|---------------------------------------------------------------------------------------------------------------------------|--------------|-----------------|
|                   |                  | SUN<br>RISES.                                                                                                    | SUN<br>SETS. | MOON<br>R. & S. | SUN<br>RISES.                                                                                                                       | SUN<br>SETS. | MOON<br>R. & S. | SUN<br>RISES.                                                                                                                 | SUN<br>SETS. | MOON<br>R. & S. | SUN<br>RISES.                                                                                                             | SUN<br>SETS. | MOON<br>R. & S. |
|                   |                  | H. M.                                                                                                            | H. M.        | H. M.           | H. M.                                                                                                                               | H. M.        | H. M.           | H. M.                                                                                                                         | H. M.        | H. M.           | H. M.                                                                                                                     | H. M.        | H. M.           |
| 1                 | Th               | 5 56                                                                                                             | 5 44         | 1 0             | 5 55                                                                                                                                | 5 45         | 1 3             | 5 55                                                                                                                          | 5 45         | 1 7             | 5 53                                                                                                                      | 5 47         | 1 17            |
| 2                 | Fr               | 5 57                                                                                                             | 5 42         | 1 56            | 5 56                                                                                                                                | 5 43         | 1 59            | 5 56                                                                                                                          | 5 44         | 2 1             | 5 54                                                                                                                      | 5 45         | 2 10            |
| 3                 | Sa               | 5 58                                                                                                             | 5 40         | 2 54            | 5 57                                                                                                                                | 5 41         | 2 55            | 5 57                                                                                                                          | 5 42         | 2 57            | 5 55                                                                                                                      | 5 43         | 3 3             |
| 4                 | S                | 5 59                                                                                                             | 5 39         | 3 52            | 5 58                                                                                                                                | 5 40         | 3 53            | 5 58                                                                                                                          | 5 41         | 3 54            | 5 56                                                                                                                      | 5 42         | 3 57            |
| 5                 | M                | 6 1                                                                                                              | 5 38         | 4 52            | 6 0                                                                                                                                 | 5 38         | 4 52            | 5 59                                                                                                                          | 5 39         | 4 52            | 5 57                                                                                                                      | 5 41         | 4 52            |
| 6                 | Tu               | 6 2                                                                                                              | 5 36         | rises.          | 6 1                                                                                                                                 | 5 37         | rises.          | 6 0                                                                                                                           | 5 38         | rises.          | 5 57                                                                                                                      | 5 40         | rises.          |
| 7                 | W                | 6 3                                                                                                              | 5 34         | 6 18            | 6 2                                                                                                                                 | 5 35         | 6 20            | 6 1                                                                                                                           | 5 36         | 6 22            | 5 58                                                                                                                      | 5 39         | 6 28            |
| 8                 | Th               | 6 4                                                                                                              | 5 32         | 6 54            | 6 3                                                                                                                                 | 5 33         | 6 57            | 6 2                                                                                                                           | 5 35         | 7 0             | 5 59                                                                                                                      | 5 37         | 7 8             |
| 9                 | Fr               | 6 5                                                                                                              | 5 31         | 7 35            | 6 4                                                                                                                                 | 5 32         | 7 39            | 6 3                                                                                                                           | 5 34         | 7 42            | 5 59                                                                                                                      | 5 36         | 7 53            |
| 10                | Sa               | 6 6                                                                                                              | 5 30         | 8 22            | 6 5                                                                                                                                 | 5 30         | 8 26            | 6 4                                                                                                                           | 5 32         | 8 28            | 6 0                                                                                                                       | 5 35         | 8 40            |
| 11                | S                | 6 8                                                                                                              | 5 29         | 9 14            | 6 6                                                                                                                                 | 5 28         | 9 18            | 6 5                                                                                                                           | 5 30         | 9 22            | 6 1                                                                                                                       | 5 34         | 9 35            |
| 12                | M                | 6 9                                                                                                              | 5 27         | 10 12           | 6 7                                                                                                                                 | 5 27         | 10 16           | 6 6                                                                                                                           | 5 28         | 10 20           | 6 1                                                                                                                       | 5 33         | 10 33           |
| 13                | Tu               | 6 10                                                                                                             | 5 25         | 11 15           | 6 8                                                                                                                                 | 5 25         | 11 19           | 6 7                                                                                                                           | 5 26         | 11 22           | 6 2                                                                                                                       | 5 31         | 11 34           |
| 14                | W                | 6 11                                                                                                             | 5 23         | A. M.           | 6 9                                                                                                                                 | 5 24         | A. M.           | 6 8                                                                                                                           | 5 24         | A. M.           | 6 3                                                                                                                       | 5 30         | A. M.           |
| 15                | Th               | 6 12                                                                                                             | 5 22         | 12 22           | 6 10                                                                                                                                | 5 22         | 12 25           | 6 9                                                                                                                           | 5 23         | 12 29           | 6 3                                                                                                                       | 5 29         | 12 38           |
| 16                | Fr               | 6 13                                                                                                             | 5 20         | 1 32            | 6 11                                                                                                                                | 5 21         | 1 34            | 6 10                                                                                                                          | 5 21         | 1 36            | 6 4                                                                                                                       | 5 28         | 1 43            |
| 17                | Sa               | 6 14                                                                                                             | 5 18         | 2 42            | 6 12                                                                                                                                | 5 19         | 2 43            | 6 11                                                                                                                          | 5 19         | 2 44            | 6 5                                                                                                                       | 5 26         | 2 48            |
| 18                | S                | 6 15                                                                                                             | 5 16         | 3 51            | 6 13                                                                                                                                | 5 17         | 3 52            | 6 12                                                                                                                          | 5 18         | 3 52            | 6 6                                                                                                                       | 5 25         | 3 53            |
| 19                | M                | 6 16                                                                                                             | 5 14         | 5 1             | 6 14                                                                                                                                | 5 16         | 5 0             | 6 13                                                                                                                          | 5 16         | 5 0             | 6 7                                                                                                                       | 5 24         | 4 57            |
| 20                | Tu               | 6 18                                                                                                             | 5 12         | sets.           | 6 16                                                                                                                                | 5 14         | sets.           | 6 15                                                                                                                          | 5 15         | sets.           | 6 8                                                                                                                       | 5 23         | sets.           |
| 21                | W                | 6 19                                                                                                             | 5 11         | 5 51            | 6 17                                                                                                                                | 5 13         | 5 54            | 6 16                                                                                                                          | 5 14         | 5 56            | 6 8                                                                                                                       | 5 22         | 6 4             |
| 22                | Th               | 6 20                                                                                                             | 5 9          | 6 43            | 6 18                                                                                                                                | 5 12         | 6 46            | 6 17                                                                                                                          | 5 13         | 6 50            | 6 9                                                                                                                       | 5 21         | 7 1             |
| 23                | Fr               | 6 21                                                                                                             | 5 8          | 7 26            | 6 19                                                                                                                                | 5 11         | 7 30            | 6 18                                                                                                                          | 5 11         | 7 34            | 6 10                                                                                                                      | 5 19         | 7 47            |
| 24                | Sa               | 6 22                                                                                                             | 5 6          | 8 13            | 6 20                                                                                                                                | 5 9          | 8 12            | 6 19                                                                                                                          | 5 10         | 8 22            | 6 11                                                                                                                      | 5 18         | 8 35            |
| 25                | S                | 6 23                                                                                                             | 5 3          | 9 3             | 6 21                                                                                                                                | 5 8          | 9 7             | 6 20                                                                                                                          | 5 9          | 9 12            | 6 12                                                                                                                      | 5 17         | 9 25            |
| 26                | M                | 6 24                                                                                                             | 5 2          | 9 55            | 6 22                                                                                                                                | 5 6          | 9 59            | 6 21                                                                                                                          | 5 8          | 10 3            | 6 13                                                                                                                      | 5 16         | 10 16           |
| 27                | Tu               | 6 26                                                                                                             | 5 0          | 10 49           | 6 23                                                                                                                                | 5 5          | 10 53           | 6 22                                                                                                                          | 5 6          | 10 57           | 6 14                                                                                                                      | 5 15         | 11 7            |
| 28                | W                | 6 27                                                                                                             | 4 59         | 11 45           | 6 24                                                                                                                                | 5 3          | 11 48           | 6 23                                                                                                                          | 5 5          | 11 51           | 6 15                                                                                                                      | 5 14         | A. M.           |
| 29                | Th               | 6 28                                                                                                             | 4 58         | A. M.           | 6 25                                                                                                                                | 5 2          | A. M.           | 6 24                                                                                                                          | 5 4          | A. M.           | 6 15                                                                                                                      | 5 14         | 12 0            |
| 30                | Fr               | 6 29                                                                                                             | 4 57         | 12 42           | 6 26                                                                                                                                | 5 0          | 12 45           | 6 24                                                                                                                          | 5 3          | 12 47           | 6 16                                                                                                                      | 5 13         | 12 54           |
| 31                | Sa               | 6 30                                                                                                             | 4 56         | 1 39            | 6 27                                                                                                                                | 4 59         | 1 41            | 6 25                                                                                                                          | 5 2          | 1 42            | 6 17                                                                                                                      | 5 12         | 1 46            |

SUN ON MERIDIAN.

| DAY OF MONTH. | DAY OF MONTH. |    |    | DAY OF MONTH. |    |    | DAY OF MONTH. |    |    | DAY OF MONTH. |    |    |    |    |    |    |    |    |    |
|---------------|---------------|----|----|---------------|----|----|---------------|----|----|---------------|----|----|----|----|----|----|----|----|----|
|               | H.            | M. | S. | H.            | M. | S. | H.            | M. | S. | H.            | M. | S. |    |    |    |    |    |    |    |
| 1             | 11            | 49 | 56 | 8             | 11 | 47 | 48            | 14 | 11 | 46            | 14 | 20 | 11 | 45 | 0  | 26 | 11 | 44 | 8  |
| 2             | 11            | 49 | 37 | 9             | 11 | 47 | 31            | 15 | 11 | 46            | 0  | 21 | 11 | 44 | 50 | 27 | 11 | 44 | 2  |
| 3             | 11            | 49 | 18 | 10            | 11 | 47 | 15            | 16 | 11 | 45            | 47 | 22 | 11 | 44 | 40 | 28 | 11 | 43 | 57 |
| 4             | 11            | 48 | 59 | 11            | 11 | 46 | 59            | 17 | 11 | 45            | 34 | 23 | 11 | 44 | 31 | 29 | 11 | 43 | 52 |
| 5             | 11            | 48 | 41 | 12            | 11 | 46 | 44            | 18 | 11 | 45            | 22 | 24 | 11 | 44 | 23 | 30 | 11 | 43 | 48 |
| 6             | 11            | 48 | 23 | 13            | 11 | 46 | 29            | 19 | 11 | 45            | 11 | 25 | 11 | 44 | 15 | 31 | 11 | 43 | 45 |
| 7             | 11            | 48 | 5  |               |    |    |               |    |    |               |    |    |    |    |    |    |    |    |    |

TWILIGHT.

| PLACES.     | Oct. | Begins, A. M. |    | Ends, P. M. |    | Oct. | Begins, A. M. |    | Ends, P. M. |    | Oct. | Begins, A. M. |    | Ends, P. M. |    |
|-------------|------|---------------|----|-------------|----|------|---------------|----|-------------|----|------|---------------|----|-------------|----|
|             |      | H.            | M. | H.          | M. |      | H.            | M. | H.          | M. |      | H.            | M. | H.          | M. |
| Boston..... | 1    | 4             | 24 | 7           | 15 | 11   | 4             | 35 | 6           | 58 | 21   | 5             | 20 | 6           | 12 |
| New York.   | 1    | 4             | 26 | 7           | 14 | 11   | 4             | 36 | 6           | 57 | 21   | 5             | 18 | 6           | 14 |
| Wash'ton.   | 1    | 4             | 27 | 7           | 12 | 11   | 4             | 37 | 6           | 56 | 21   | 5             | 16 | 6           | 16 |
| Charleston  | 1    | 4             | 32 | 7           | 7  | 11   | 4             | 39 | 6           | 54 | 21   | 5             | 10 | 6           | 22 |



| Day of the Month. | Day of the Week. | Calendar for BOSTON, New England, N. Y. State, Michigan, Wisconsin, N. and S. Dakota, and Oregon. |           |              | Calendar for NEW YORK CITY, Connecticut, Pennsylvania, Ohio, Indiana, Illinois, Nebraska, and Northern California. |           |              | Calendar for WASHINGTON, Virginia, Kentucky, Missouri, Kansas, Colorado, Utah, Nevada, and Central California. |           |              | Calendar for CHARLESTON, Georgia, Alabama, Louisiana, Texas, New Mexico, Arizona, and Southern California. |           |              |
|-------------------|------------------|---------------------------------------------------------------------------------------------------|-----------|--------------|--------------------------------------------------------------------------------------------------------------------|-----------|--------------|----------------------------------------------------------------------------------------------------------------|-----------|--------------|------------------------------------------------------------------------------------------------------------|-----------|--------------|
|                   |                  | SUN RISES.                                                                                        | SUN SETS. | MOON R. & S. | SUN RISES.                                                                                                         | SUN SETS. | MOON R. & S. | SUN RISES.                                                                                                     | SUN SETS. | MOON R. & S. | SUN RISES.                                                                                                 | SUN SETS. | MOON R. & S. |
|                   |                  | H. M.                                                                                             | H. M.     | H. M.        | H. M.                                                                                                              | H. M.     | H. M.        | H. M.                                                                                                          | H. M.     | H. M.        | H. M.                                                                                                      | H. M.     | H. M.        |
| 1                 | S                | 6 31                                                                                              | 4 55      | 2 38         | 6 29                                                                                                               | 4 58      | 2 39         | 6 26                                                                                                           | 5 1       | 2 39         | 6 17                                                                                                       | 5 11      | 2 41         |
| 2                 | M                | 6 32                                                                                              | 4 54      | 3 38         | 6 30                                                                                                               | 4 57      | 3 38         | 6 27                                                                                                           | 5 0       | 3 38         | 6 18                                                                                                       | 5 10      | 3 37         |
| 3                 | Tu               | 6 34                                                                                              | 4 53      | 4 41         | 6 31                                                                                                               | 4 56      | 4 39         | 6 28                                                                                                           | 4 59      | 4 38         | 6 19                                                                                                       | 5 9       | 4 34         |
| 4                 | W                | 6 35                                                                                              | 4 51      | rises.       | 6 32                                                                                                               | 4 55      | rises.       | 6 29                                                                                                           | 4 58      | rises.       | 6 20                                                                                                       | 5 8       | ri-es.       |
| 5                 | Th               | 6 36                                                                                              | 4 50      | 5 31         | 6 33                                                                                                               | 4 54      | 5 34         | 6 30                                                                                                           | 4 57      | 5 38         | 6 21                                                                                                       | 5 7       | 5 48         |
| 6                 | Fr               | 6 38                                                                                              | 4 49      | 6 17         | 6 35                                                                                                               | 4 53      | 6 20         | 6 31                                                                                                           | 4 56      | 6 24         | 6 22                                                                                                       | 5 7       | 6 36         |
| 7                 | Sa               | 6 39                                                                                              | 4 47      | 7 9          | 6 36                                                                                                               | 4 51      | 7 12         | 6 32                                                                                                           | 4 55      | 7 16         | 6 23                                                                                                       | 5 6       | 7 29         |
| 8                 | S                | 6 40                                                                                              | 4 46      | 8 5          | 6 38                                                                                                               | 4 50      | 8 10         | 6 33                                                                                                           | 4 54      | 8 14         | 6 24                                                                                                       | 5 5       | 8 27         |
| 9                 | M                | 6 42                                                                                              | 4 45      | 9 8          | 6 39                                                                                                               | 4 49      | 9 12         | 6 34                                                                                                           | 4 53      | 9 16         | 6 25                                                                                                       | 5 4       | 9 28         |
| 10                | Tu               | 6 43                                                                                              | 4 44      | 10 14        | 6 40                                                                                                               | 4 48      | 10 18        | 6 36                                                                                                           | 4 52      | 10 21        | 6 26                                                                                                       | 5 3       | 10 31        |
| 11                | W                | 6 45                                                                                              | 4 43      | 11 22        | 6 42                                                                                                               | 4 47      | 11 25        | 6 37                                                                                                           | 4 51      | 11 27        | 6 27                                                                                                       | 5 2       | 11 35        |
| 12                | Th               | 6 46                                                                                              | 4 41      | A. M.        | 6 43                                                                                                               | 4 46      | A. M.        | 6 38                                                                                                           | 4 50      | A. M.        | 6 28                                                                                                       | 5 2       | A. M.        |
| 13                | Fr               | 6 48                                                                                              | 4 40      | 12 31        | 6 44                                                                                                               | 4 45      | 12 33        | 6 39                                                                                                           | 4 49      | 12 34        | 6 29                                                                                                       | 5 1       | 12 39        |
| 14                | Sa               | 6 50                                                                                              | 4 39      | 1 36         | 6 46                                                                                                               | 4 44      | 1 37         | 6 41                                                                                                           | 4 48      | 1 38         | 6 30                                                                                                       | 5 0       | 1 40         |
| 15                | S                | 6 52                                                                                              | 4 37      | 2 47         | 6 47                                                                                                               | 4 43      | 2 47         | 6 42                                                                                                           | 4 47      | 2 46         | 6 31                                                                                                       | 5 0       | 2 45         |
| 16                | M                | 6 53                                                                                              | 4 36      | 3 54         | 6 48                                                                                                               | 4 42      | 3 53         | 6 43                                                                                                           | 4 46      | 3 52         | 6 32                                                                                                       | 4 59      | 3 48         |
| 17                | Tu               | 6 54                                                                                              | 4 35      | 4 17         | 6 49                                                                                                               | 4 41      | 4 58         | 6 44                                                                                                           | 4 45      | 4 56         | 6 33                                                                                                       | 4 58      | 4 49         |
| 18                | W                | 6 55                                                                                              | 4 34      | 6 5          | 6 50                                                                                                               | 4 40      | 6 2          | 6 45                                                                                                           | 4 44      | 5 59         | 6 34                                                                                                       | 4 57      | 5 49         |
| 19                | Th               | 6 57                                                                                              | 4 33      | sets.        | 6 51                                                                                                               | 4 40      | sets.        | 6 46                                                                                                           | 4 44      | sets.        | 6 35                                                                                                       | 4 56      | sets.        |
| 20                | Fr               | 6 58                                                                                              | 4 33      | 6 4          | 6 52                                                                                                               | 4 39      | 6 8          | 6 47                                                                                                           | 4 43      | 6 12         | 6 36                                                                                                       | 4 56      | 6 25         |
| 21                | Sa               | 6 59                                                                                              | 4 32      | 6 53         | 6 53                                                                                                               | 4 38      | 6 57         | 6 48                                                                                                           | 4 42      | 7 2          | 6 37                                                                                                       | 4 55      | 7 15         |
| 22                | S                | 7 0                                                                                               | 4 31      | 7 45         | 6 54                                                                                                               | 4 38      | 7 49         | 6 49                                                                                                           | 4 42      | 7 52         | 6 38                                                                                                       | 4 55      | 8 6          |
| 23                | M                | 7 1                                                                                               | 4 30      | 8 38         | 6 55                                                                                                               | 4 37      | 8 43         | 6 50                                                                                                           | 4 41      | 8 46         | 6 39                                                                                                       | 4 55      | 8 58         |
| 24                | Tu               | 7 2                                                                                               | 4 30      | 9 34         | 6 57                                                                                                               | 4 36      | 9 37         | 6 51                                                                                                           | 4 41      | 9 40         | 6 40                                                                                                       | 4 54      | 9 50         |
| 25                | W                | 7 3                                                                                               | 4 29      | 10 30        | 6 58                                                                                                               | 4 36      | 10 32        | 6 52                                                                                                           | 4 40      | 10 35        | 6 40                                                                                                       | 4 54      | 10 43        |
| 26                | Th               | 7 4                                                                                               | 4 29      | 11 26        | 7 0                                                                                                                | 4 35      | 11 28        | 6 53                                                                                                           | 4 40      | 11 30        | 6 41                                                                                                       | 4 54      | 11 36        |
| 27                | Fr               | 7 5                                                                                               | 4 29      | A. M.        | 7 1                                                                                                                | 4 35      | A. M.        | 6 54                                                                                                           | 4 40      | A. M.        | 6 41                                                                                                       | 4 54      | A. M.        |
| 28                | Sa               | 7 6                                                                                               | 4 29      | 12 24        | 7 2                                                                                                                | 4 35      | 12 25        | 6 55                                                                                                           | 4 40      | 12 26        | 6 42                                                                                                       | 4 54      | 12 29        |
| 29                | S                | 7 7                                                                                               | 4 28      | 1 23         | 7 2                                                                                                                | 4 34      | 1 23         | 6 56                                                                                                           | 4 40      | 1 23         | 6 42                                                                                                       | 4 54      | 1 23         |
| 30                | M                | 7 8                                                                                               | 4 28      | 2 23         | 7 3                                                                                                                | 4 34      | 2 22         | 6 58                                                                                                           | 4 40      | 2 21         | 6 43                                                                                                       | 4 54      | 2 19         |

SUN ON MERIDIAN.

| DAY OF MONTH. | DAY OF MONTH. |    |    | DAY OF MONTH. | DAY OF MONTH. |    |    | DAY OF MONTH. | DAY OF MONTH. |    |    |    |    |    |    |    |    |    |    |
|---------------|---------------|----|----|---------------|---------------|----|----|---------------|---------------|----|----|----|----|----|----|----|----|----|----|
|               | H.            | M. | S. |               | H.            | M. | S. |               | H.            | M. | S. | H. | M. | S. |    |    |    |    |    |
| 1             | 11            | 43 | 42 | 7             | 11            | 43 | 44 | 13            | 11            | 44 | 16 | 19 | 11 | 45 | 20 | 25 | 11 | 46 | 53 |
| 2             | 11            | 43 | 41 | 8             | 11            | 43 | 47 | 14            | 11            | 44 | 25 | 20 | 11 | 45 | 33 | 26 | 11 | 47 | 11 |
| 3             | 11            | 43 | 40 | 9             | 11            | 43 | 51 | 15            | 11            | 44 | 34 | 21 | 11 | 45 | 48 | 27 | 11 | 47 | 30 |
| 4             | 11            | 43 | 39 | 10            | 11            | 43 | 56 | 16            | 11            | 44 | 44 | 22 | 11 | 46 | 3  | 28 | 11 | 47 | 49 |
| 5             | 11            | 43 | 40 | 11            | 11            | 44 | 2  | 17            | 11            | 44 | 55 | 23 | 11 | 46 | 19 | 29 | 11 | 48 | 10 |
| 6             | 11            | 43 | 42 | 12            | 11            | 44 | 9  | 18            | 11            | 45 | 7  | 24 | 11 | 46 | 35 | 30 | 11 | 48 | 31 |

TWILIGHT.

| PLACES.     | Nov. | Begins, A. M. |    | Ends, P. M. |    | Nov. | Begins, A. M. |    | Ends, P. M. |    | Nov. | Begins, A. M. |    | Ends, P. M. |    |
|-------------|------|---------------|----|-------------|----|------|---------------|----|-------------|----|------|---------------|----|-------------|----|
|             |      | H.            | M. | H.          | M. |      | H.            | M. | H.          | M. |      | H.            | M. | H.          | M. |
| Boston..... | 1    | 4             | 58 | 6           | 29 | 11   | 5             | 9  | 6           | 19 | 21   | 5             | 20 | 6           | 12 |
| New York.   | 1    | 4             | 58 | 6           | 29 | 11   | 5             | 8  | 6           | 20 | 21   | 5             | 18 | 6           | 14 |
| Wash' ton.  | 1    | 4             | 57 | 6           | 30 | 11   | 5             | 7  | 6           | 21 | 21   | 5             | 16 | 6           | 16 |
| Charleston  | 1    | 4             | 54 | 6           | 33 | 11   | 5             | 2  | 6           | 26 | 21   | 5             | 10 | 6           | 22 |

| Day of the Month. | Day of the Week. | Calendar for BOSTON, New England, N. Y. State, Michigan, Wisconsin, N. and S. Dakota, and Oregon. |           |              | Calendar for NEW YORK CITY, Connecticut, Pennsylvania, Ohio, Indiana, Illinois, Nebraska, and Northern California. |           |              | Calendar for WASHINGTON, Virginia, Kentucky, Missouri, Kansas, Colorado, Utah, Nevada, and Central California. |           |              | Calendar for CHARLESTON, Georgia, Alabama, Louisiana, Texas, New Mexico, Arizona, and Southern California. |           |              |
|-------------------|------------------|---------------------------------------------------------------------------------------------------|-----------|--------------|--------------------------------------------------------------------------------------------------------------------|-----------|--------------|----------------------------------------------------------------------------------------------------------------|-----------|--------------|------------------------------------------------------------------------------------------------------------|-----------|--------------|
|                   |                  | SUN RISES.                                                                                        | SUN SETS. | MOON R. & S. | SUN RISES.                                                                                                         | SUN SETS. | MOON R. & S. | SUN RISES.                                                                                                     | SUN SETS. | MOON R. & S. | SUN RISES.                                                                                                 | SUN SETS. | MOON R. & S. |
|                   |                  | H. M.                                                                                             | H. M.     | H. M.        | H. M.                                                                                                              | H. M.     | H. M.        | H. M.                                                                                                          | H. M.     | H. M.        | H. M.                                                                                                      | H. M.     | H. M.        |
| 1                 | Tu               | 7 9                                                                                               | 4 28      | 3 25         | 7 4                                                                                                                | 4 34      | 3 24         | 6 59                                                                                                           | 4 40      | 3 22         | 6 44                                                                                                       | 4 54      | 3 17         |
| 2                 | W                | 7 10                                                                                              | 4 28      | 4 29         | 7 5                                                                                                                | 4 34      | 4 27         | 7 0                                                                                                            | 4 39      | 4 24         | 6 45                                                                                                       | 4 54      | 4 17         |
| 3                 | Th               | 7 11                                                                                              | 4 28      | 5 35         | 7 6                                                                                                                | 4 34      | 5 32         | 7 1                                                                                                            | 4 39      | 5 28         | 6 46                                                                                                       | 4 54      | 5 17         |
| 4                 | Fr               | 7 12                                                                                              | 4 28      | rises.       | 7 7                                                                                                                | 4 34      | rises.       | 7 2                                                                                                            | 4 39      | rises.       | 6 46                                                                                                       | 4 54      | rises.       |
| 5                 | Sa               | 7 13                                                                                              | 4 28      | 5 53         | 7 8                                                                                                                | 4 33      | 5 57         | 7 3                                                                                                            | 4 39      | 6 0          | 6 47                                                                                                       | 4 54      | 6 14         |
| 6                 | S                | 7 14                                                                                              | 4 28      | 6 55         | 7 9                                                                                                                | 4 33      | 7 0          | 7 4                                                                                                            | 4 38      | 7 4          | 6 48                                                                                                       | 4 54      | 7 16         |
| 7                 | M                | 7 15                                                                                              | 4 28      | 8 3          | 7 10                                                                                                               | 4 33      | 8 6          | 7 5                                                                                                            | 4 38      | 8 10         | 6 49                                                                                                       | 4 54      | 8 21         |
| 8                 | Tu               | 7 16                                                                                              | 4 28      | 9 13         | 7 11                                                                                                               | 4 33      | 9 15         | 7 6                                                                                                            | 4 38      | 9 18         | 6 50                                                                                                       | 4 54      | 9 27         |
| 9                 | W                | 7 17                                                                                              | 4 28      | 10 22        | 7 12                                                                                                               | 4 33      | 10 24        | 7 8                                                                                                            | 4 38      | 10 26        | 6 50                                                                                                       | 4 54      | 10 32        |
| 10                | Th               | 7 18                                                                                              | 4 28      | 11 32        | 7 13                                                                                                               | 4 33      | 11 32        | 7 9                                                                                                            | 4 38      | 11 33        | 6 51                                                                                                       | 4 54      | 11 36        |
| 11                | Fr               | 7 19                                                                                              | 4 28      | A. M.        | 7 14                                                                                                               | 4 33      | A. M.        | 7 10                                                                                                           | 4 38      | A. M.        | 6 52                                                                                                       | 4 54      | A. M.        |
| 12                | Sa               | 7 20                                                                                              | 4 28      | 12 39        | 7 15                                                                                                               | 4 33      | 12 39        | 7 11                                                                                                           | 4 38      | 12 39        | 6 53                                                                                                       | 4 55      | 12 39        |
| 13                | S                | 7 21                                                                                              | 4 28      | 1 45         | 7 16                                                                                                               | 4 33      | 1 44         | 7 11                                                                                                           | 4 38      | 1 43         | 6 54                                                                                                       | 4 55      | 1 40         |
| 14                | M                | 7 22                                                                                              | 4 28      | 2 51         | 7 17                                                                                                               | 4 33      | 2 49         | 7 12                                                                                                           | 4 38      | 2 47         | 6 54                                                                                                       | 4 55      | 2 41         |
| 15                | Tu               | 7 23                                                                                              | 4 28      | 3 55         | 7 18                                                                                                               | 4 33      | 3 52         | 7 13                                                                                                           | 4 38      | 3 49         | 6 55                                                                                                       | 4 55      | 3 40         |
| 16                | W                | 7 24                                                                                              | 4 29      | 4 56         | 7 18                                                                                                               | 4 34      | 4 53         | 7 13                                                                                                           | 4 39      | 4 49         | 6 56                                                                                                       | 4 56      | 4 39         |
| 17                | Th               | 7 24                                                                                              | 4 29      | 5 55         | 7 19                                                                                                               | 4 34      | 5 51         | 7 14                                                                                                           | 4 39      | 5 47         | 6 57                                                                                                       | 4 56      | 5 35         |
| 18                | Fr               | 7 25                                                                                              | 4 29      | sets.        | 7 19                                                                                                               | 4 34      | sets.        | 7 14                                                                                                           | 4 40      | sets.        | 6 57                                                                                                       | 4 57      | sets.        |
| 19                | Sa               | 7 25                                                                                              | 4 29      | 5 36         | 7 20                                                                                                               | 4 34      | 5 40         | 7 15                                                                                                           | 4 40      | 5 44         | 6 58                                                                                                       | 4 57      | 5 57         |
| 20                | S                | 7 26                                                                                              | 4 29      | 6 29         | 7 20                                                                                                               | 4 34      | 6 32         | 7 15                                                                                                           | 4 40      | 6 37         | 6 58                                                                                                       | 4 58      | 6 49         |
| 21                | M                | 7 26                                                                                              | 4 30      | 7 24         | 7 20                                                                                                               | 4 34      | 7 27         | 7 15                                                                                                           | 4 40      | 7 31         | 6 59                                                                                                       | 4 58      | 7 41         |
| 22                | Tu               | 7 27                                                                                              | 4 30      | 8 20         | 7 21                                                                                                               | 4 34      | 8 22         | 7 16                                                                                                           | 4 40      | 8 25         | 7 0                                                                                                        | 4 58      | 8 34         |
| 23                | W                | 7 27                                                                                              | 4 31      | 9 16         | 7 21                                                                                                               | 4 35      | 9 18         | 7 16                                                                                                           | 4 41      | 9 20         | 7 0                                                                                                        | 4 59      | 9 27         |
| 24                | Th               | 7 27                                                                                              | 4 31      | 10 13        | 7 22                                                                                                               | 4 35      | 10 14        | 7 17                                                                                                           | 4 42      | 10 15        | 7 0                                                                                                        | 5 0       | 10 20        |
| 25                | Fr               | 7 28                                                                                              | 4 32      | 11 10        | 7 22                                                                                                               | 4 36      | 11 11        | 7 17                                                                                                           | 4 43      | 11 11        | 7 0                                                                                                        | 5 1       | 11 12        |
| 26                | Sa               | 7 28                                                                                              | 4 32      | A. M.        | 7 22                                                                                                               | 4 36      | A. M.        | 7 17                                                                                                           | 4 44      | A. M.        | 7 1                                                                                                        | 5 2       | A. M.        |
| 27                | S                | 7 28                                                                                              | 4 33      | 12 8         | 7 23                                                                                                               | 4 37      | 12 8         | 7 18                                                                                                           | 4 45      | 12 8         | 7 1                                                                                                        | 5 2       | 12 6         |
| 28                | M                | 7 29                                                                                              | 4 33      | 1 8          | 7 23                                                                                                               | 4 38      | 1 7          | 7 18                                                                                                           | 4 45      | 1 6          | 7 1                                                                                                        | 5 3       | 1 2          |
| 29                | Tu               | 7 29                                                                                              | 4 34      | 2 10         | 7 23                                                                                                               | 4 39      | 2 8          | 7 18                                                                                                           | 4 46      | 2 6          | 7 2                                                                                                        | 5 3       | 1 59         |
| 30                | W                | 7 29                                                                                              | 4 35      | 3 13         | 7 23                                                                                                               | 4 40      | 3 11         | 7 18                                                                                                           | 4 46      | 3 8          | 7 2                                                                                                        | 5 4       | 2 59         |
| 31                | Th               | 7 30                                                                                              | 4 36      | 4 19         | 7 24                                                                                                               | 4 41      | 4 15         | 7 19                                                                                                           | 4 47      | 4 11         | 7 2                                                                                                        | 5 4       | 4 0          |

SUN ON MERIDIAN.

| DAY OF MONTH. | DAY OF MONTH. |    |    | DAY OF MONTH. | DAY OF MONTH. |    |    | DAY OF MONTH. | DAY OF MONTH. |    |    | DAY OF MONTH. |    |    |    |    |    |   |    |
|---------------|---------------|----|----|---------------|---------------|----|----|---------------|---------------|----|----|---------------|----|----|----|----|----|---|----|
|               | H.            | M. | S. |               | H.            | M. | S. |               | H.            | M. | S. |               |    |    |    |    |    |   |    |
| 1             | 11            | 48 | 52 | 8             | 11            | 51 | 41 | 14            | 11            | 54 | 26 | 20            | 11 | 57 | 22 | 26 | 12 | 0 | 21 |
| 2             | 11            | 49 | 15 | 9             | 11            | 52 | 7  | 15            | 11            | 54 | 54 | 21            | 11 | 57 | 52 | 27 | 12 | 0 | 51 |
| 3             | 11            | 49 | 38 | 10            | 11            | 52 | 34 | 16            | 11            | 55 | 23 | 22            | 11 | 58 | 22 | 28 | 12 | 1 | 21 |
| 4             | 11            | 50 | 1  | 11            | 11            | 53 | 1  | 17            | 11            | 55 | 53 | 23            | 11 | 58 | 52 | 29 | 12 | 1 | 50 |
| 5             | 11            | 50 | 25 | 12            | 11            | 53 | 29 | 18            | 11            | 56 | 22 | 24            | 11 | 59 | 22 | 30 | 12 | 2 | 20 |
| 6             | 11            | 50 | 50 | 13            | 11            | 53 | 57 | 19            | 11            | 56 | 51 | 25            | 11 | 59 | 52 | 31 | 12 | 2 | 49 |
| 7             | 11            | 51 | 15 |               |               |    |    |               |               |    |    |               |    |    |    |    |    |   |    |

TWILIGHT.

| PLACES.     | Dec. | Begins, A. M. |    | Ends, P. M. |    | Dec. | Begins, A. M. |    | Ends, P. M. |    | Dec. | Begins, A. M. |    | Ends, P. M. |    |
|-------------|------|---------------|----|-------------|----|------|---------------|----|-------------|----|------|---------------|----|-------------|----|
|             |      | H.            | M. | H.          | M. |      | H.            | M. | H.          | M. |      | H.            | M. | H.          | M. |
| Boston..... | 1    | 5             | 29 | 6           | 9  | 11   | 5             | 38 | 6           | 9  | 21   | 5             | 45 | 6           | 12 |
| New York.   | 1    | 5             | 27 | 6           | 11 | 11   | 5             | 36 | 6           | 11 | 21   | 5             | 42 | 6           | 14 |
| Wash'ton..  | 1    | 5             | 25 | 6           | 13 | 11   | 5             | 33 | 6           | 14 | 21   | 5             | 40 | 6           | 17 |
| Charleston. | 1    | 5             | 17 | 6           | 20 | 11   | 5             | 25 | 6           | 22 | 21   | 5             | 31 | 6           | 26 |

## Principal Elements of the Solar System.

| NAME.        | Mean Distance from Sun, Millions of Miles. | Sidereal Period, Days. | Orbit Velocity, Miles per Second. | Mean Diameter, Miles. | Mass, Earth = 1. | Volume, Earth = 1. | Density, Earth = 1. | Gravity at Surface, Earth = 1. |
|--------------|--------------------------------------------|------------------------|-----------------------------------|-----------------------|------------------|--------------------|---------------------|--------------------------------|
| Sun .....    | .....                                      | .....                  | .....                             | 866,400               | 331100           | 1310000            | 0.25                | 27.65                          |
| Mercury..... | 36.0                                       | 87.969                 | 23 to 35                          | 3,030                 | 0.125            | 0.056              | 2.23                | 0.85                           |
| Venus.....   | 67.2                                       | 224.701                | 21.9                              | 7,700                 | 0.78             | 0.92               | 0.86                | 0.83                           |
| Earth.....   | 92.8                                       | 365.256                | 18.5                              | 7,918                 | 1.00             | 1.00               | 1.00                | 1.00                           |
| Mars.....    | 141.5                                      | 686.95                 | 15.0                              | 4,230                 | 0.107            | 0.152              | 0.72                | 0.38                           |
| Jupiter..... | 483.3                                      | 4332.58                | 8.1                               | 86,500                | 316.0            | 1309               | 0.24                | 2.65                           |
| Saturn.....  | 886.0                                      | 10759.22               | 6.0                               | 71,000                | 94.9             | 721                | 0.13                | 1.18                           |
| Uranus.....  | 1781.9                                     | 30686.82               | 4.2                               | 31,900                | 14.7             | 65                 | 0.22                | 0.91                           |
| Neptune..... | 2791.6                                     | 60181.11               | 3.4                               | 34,800                | 17.1             | 85                 | 0.20                | 0.88                           |

The number of asteroids discovered up to present date is about 450. A number of these small planets have not been observed since their discovery, and are practically lost. Consequently it is now sometimes a matter of doubt, until the elements have been computed, whether the supposed new planet is really new, or only an old one rediscovered.

## Our Moon.

OF all the secondary planets the earth's satellite is by far the most interesting and important. The moon completes her circuit around the earth in a period whose mean or average length is 27 days 7 hours 43 2 minutes; but in consequence of her motion in common with the earth around the sun, the mean duration of the lunar month, that is, the time from new moon to new moon, is 29 days 12 hours 44.05 minutes, which is called the moon's synodical period. If the earth were motionless in space the moon's orbit would be nearly an ellipse, having the earth in one of the foci; hence her distance from the earth varies during the course of a lunar month. Her mean distance from the earth is 238,850 miles. Her maximum distance, however, may reach 252,830 miles, and the least distance to which she can approach the earth is 221,520 miles. Her diameter is 2,162 miles, and if we deduct from her distance from the earth the sum of the two radii of the earth and moon, viz., 3,962 and 1,081 miles respectively, we shall have for the nearest approach of the surfaces of the two bodies 216,477 miles. Her orbit is a very intricate one, because the earth in moving around the sun carries the moon along with it; hence the latter is sometimes within and sometimes without the earth's orbit. Its form is that of a serpentine curve, always *concave* toward the sun, and inclined to the plane of the earth's orbit at an angle of  $5^{\circ} 9'$ , in consequence of which our satellite appears sometimes above and sometimes below the plane of the earth's orbit, through which she passes twice in a revolution. These points or positions are called nodes, and no two consecutive nodes occupy positions diametrically opposite on the lunar orbit. The nodes have a retrograde motion, which causes them to make an entire revolution in 18 years 218 days 21 hours 22 minutes and 46 seconds. This motion was well known to the ancients, who called it the Saros, and was made use of by them in roughly predicting eclipses.

The moon always presents the same face to us, as is evident from the permanency of the various markings on its surface. This circumstance proves that with respect to the earth she revolves on an axis, and the time of rotation is exactly equal to the time of revolution around the earth, viz., 27.32166 days. The moon's axis is not perpendicular to the plane of her orbit, but deviates therefrom by an angle of about  $6^{\circ} 41'$ . In consequence of this fact, and of the inclination of the lunar orbit to that of the ecliptic, the poles of the moon lean alternately to and from the earth. When the north pole leans toward the earth we see somewhat more of the region surrounding it, and somewhat less when it leans the contrary way. This displacement is known by the name of libration in latitude.

The moon's motion on her axis is uniform, but her angular velocity in her orbit is subject to slight variations by reason of the form of her orbit; hence it happens that we sometimes see a little more of the eastern or western edge at one time than at another. This phenomenon is known as libration in longitude.

The moon's surface contains about 14,685,000 square miles, or nearly four times the area of Europe. Her volume is 1.49 and her mass 1.81 that of the earth, and hence her density is about 3.5 that of the earth, or about 3 2.5 that of water. At the lunar surface gravity is only 3.20 of what it is at the earth, and therefore a body which weighs 20 pounds here would weigh only 3 pounds there.

The centre of gravity of the earth and moon, or the point about which they both actually revolve in their course around the sun, lies *within* the earth; it is 1,063 miles below the surface.

The attractive force of the moon acting on the water of our oceans is mainly instrumental in raising them into protuberances or tides in such a manner as to give the total mass a spheroidal figure whose principal axis would continually coincide with the line joining the centres of the earth and moon, but in consequence of the resistance which this movement of the water encounters from continents and islands, as well as from the liquid molecules themselves, the tidal wave can never arrive at any place until about one hour after the moon has crossed the meridian of the place.

The moon has no atmosphere and no water. The suddenness with which stars are occulted by the moon is regarded as a conclusive proof that a lunar atmosphere does not exist, and the spectroscopic furnishes negative evidence of the same character.

In remote ages the lunar surface was the theatre of violent volcanic action, being elevated into cones and ridges exceeding 20,000 feet high, and at other places rent into furrows or depressions of corresponding depth. The lunar volcanoes are now extinct. A profound silence reigns over the desolate and rugged surface. It is a dead world, utterly unfit to support animal or vegetable life.

## THE EARTH'S ATMOSPHERE.

THE earth's sensible atmosphere is generally supposed to extend some forty miles in height, probably farther, but becoming at only a few miles from the surface of too great a tenuity to support life. The condition and motions of this aerial ocean play a most important part in the determination of climate, modifying, by absorbing, the otherwise intense heat of the sun, and, when laden with clouds, hindering the earth from radiating its acquired heat into space. — *Whitaker*.

# Astronomical Phenomena for the Year 1903.

## ASTRONOMICAL SIGNS AND SYMBOLS.

|   |            |   |          |   |                  |
|---|------------|---|----------|---|------------------|
| ☉ | The Sun.   | ♂ | Mars.    | ♁ | Conjunction.     |
| ☾ | The Moon.  | ♃ | Jupiter. | ♁ | Quadrature.      |
| ☿ | Mercury.   | ♄ | Saturn.  | ♁ | Opposition.      |
| ♃ | Venus.     | ♅ | Uranus.  | ♁ | Ascending Node.  |
| ♁ | The Earth. | ♆ | Neptune. | ♁ | Descending Node. |

Two heavenly bodies are in "conjunction" (♁) when they have the same *Right Ascension*, or are on the *same meridian*, i. e., when one is due north or south of the other; if the bodies are near each other as seen from the earth, they will rise and set at the same time: they are in "opposition" (♁) when in opposite quarters of the heavens, or when one rises just as the other is setting. "Quadrature" is half way between conjunction and opposition. By "greatest elongation" is meant the greatest apparent *angular* distance from the sun; the planet is then generally most favorably situated for observation. Mercury can only be seen with the naked eye at this time. When a planet is in its "ascending" (♁) or "descending" (♁) node it is crossing the plane of the earth's orbit. The term "Perihelion" means nearest, and "Aphelion" farthest, from the sun. An "occultation" of a planet or star is an eclipse of it by some other body, usually the moon.

### I.—ECLIPSES.

In the year 1903 there will be four Eclipses, two of the Sun and two of the Moon, as follows:

1. An annular Eclipse of the Sun, March 28, invisible in America, except Alaska, British Columbia, and the northwest corner of Washington. The path of the central and annular Eclipse lies in Northern China and Eastern Siberia. The Eclipse will be partial in the Philippine Islands.
2. A partial Eclipse of the Moon April 11, partly visible in the United States as follows:

| PLACE.           | Moon Enters Shadow. |               | Middle of the Eclipse. |       | Moon Leaves Shadow. |       |
|------------------|---------------------|---------------|------------------------|-------|---------------------|-------|
|                  | H.                  | M.            | H.                     | M.    | H.                  | M.    |
| Boston .....     | April 11            | 5 50.3* P. M. | 7 28.8                 | P. M. | 9 7.4               | P. M. |
| New York .....   | "                   | 5 38.5* P. M. | 7 17.0                 | P. M. | 8 55.6              | P. M. |
| Washington ..... | "                   | 5 26.3* P. M. | 7 4.8                  | P. M. | 8 43.4              | P. M. |
| Charleston ..... | "                   | 5 15.0* P. M. | 6 53.5                 | P. M. | 8 32.1              | P. M. |
| Cincinnati ..... | "                   | 4 56.8* P. M. | 6 35.3                 | P. M. | 8 14.0              | P. M. |
| Chicago .....    | "                   | 4 44.1* P. M. | 6 22.6*                | P. M. | 8 1.2               | P. M. |
| St. Louis .....  | "                   | 4 33.7* P. M. | 6 12.2*                | P. M. | 7 50.8              | P. M. |

\* Before moon rises.

Magnitude of the Eclipse .973, the Moon's diameter = 1.

3. A total Eclipse of the Sun September 20-21, invisible in America. The path of the total Eclipse lies wholly in the southern portion of the Indian Ocean. Visible as a partial Eclipse on the eastern portion of South Africa, Madagascar, Tasmania, the southern coast of Australia, and the southern portion of New Zealand.
4. A partial eclipse of the Moon October 6, invisible in America.

### II.—PLANETARY CONFIGURATIONS.

(New York Mean Time.)

|      | D.   | H. | M.    |       |       |   |   |   |           |                         |
|------|------|----|-------|-------|-------|---|---|---|-----------|-------------------------|
| Jan. | 2    | 7  | 10    | A. M. | ♁     | ♃ | ♁ |   |           |                         |
|      | 3    | 8  |       | P. M. | ♁     | ♁ |   |   |           |                         |
|      | 5    | 7  | 12    | A. M. | ♁     | ♃ | ♁ |   | ♁         | ♁ S. 1° 47'.            |
|      | 8    | 6  | 12    | A. M. | ♁     | ♁ | ♁ |   |           |                         |
|      | 9    | 7  | 12    | P. M. | ♁     | ♃ | ♁ |   | ♁         | ♁ S. 58'.               |
|      | 13   | 1  |       | A. M. | ♁     | ♁ |   |   |           |                         |
|      | 17   | 4  |       | P. M. | ♁     | ♁ |   |   |           |                         |
|      | 19   | 12 |       | A. M. | ♁     | ♁ |   |   |           |                         |
|      | 21   | 4  |       | A. M. | ♁     | ♁ |   |   |           |                         |
|      | 23   | 9  |       | P. M. | ♁     | ♁ |   |   |           |                         |
|      | 23   | 10 |       | P. M. | ♁     | ♁ |   |   |           |                         |
|      | 25   | 7  |       | A. M. | ♁     | ♁ |   |   |           |                         |
|      | 28   | 12 | 48    | A. M. | ♁     | ♃ | ♁ |   |           |                         |
|      | 29   | 7  | 14    | A. M. | ♁     | ♃ | ♁ |   |           |                         |
|      | 29   | 11 | 57    | P. M. | ♁     | ♃ | ♁ |   |           |                         |
|      | 30   | 1  | 26    | A. M. | ♁     | ♃ | ♁ |   |           |                         |
| 30   | 5    |    | P. M. | ♁     | ♃     | ♁ |   |   | ♁ S. 44'. |                         |
| Feb. | 2    | 8  |       | A. M. | ♁     | ♃ | ♁ |   |           | ♁ inferior.             |
|      | 13   | 8  |       | A. M. | ♁     | ♃ | ♁ |   |           |                         |
|      | 14   | 4  |       | A. M. | ♁     | ♃ | ♁ |   |           |                         |
|      | 15   | 5  | 56    | A. M. | ♁     | ♃ | ♁ |   |           |                         |
|      | 18   | 10 |       | P. M. | ♁     | ♃ | ♁ |   |           |                         |
|      | 19   | 11 |       | A. M. | ♁     | ♃ | ♁ |   |           |                         |
|      | 24   | 2  | 12    | P. M. | ♁     | ♃ | ♁ |   |           |                         |
|      | 24   | 10 | 55    | P. M. | ♁     | ♃ | ♁ |   |           |                         |
|      | 26   | 8  | 58    | P. M. | ♁     | ♃ | ♁ |   |           |                         |
|      | 27   | 7  |       | P. M. | ♁     | ♃ | ♁ |   |           | ♁ gr. elong. W. 26°59'. |
|      | Mar. | 1  | 4     | 39    | A. M. | ♁ | ♃ | ♁ |           |                         |
| 8    |      | 9  |       | P. M. | ♁     | ♃ | ♁ |   |           |                         |
| 14   |      | 9  | 43    | P. M. | ♁     | ♃ | ♁ |   |           |                         |
| 17   |      | 2  |       | A. M. | ♁     | ♃ | ♁ |   |           |                         |
| 18   |      | 1  |       | P. M. | ♁     | ♃ | ♁ |   |           |                         |
| 24   |      | 3  | 41    | A. M. | ♁     | ♃ | ♁ |   |           | ♁ S. 1° 24'.            |
| 26   |      | 5  | 18    | P. M. | ♁     | ♃ | ♁ |   |           |                         |
| 27   |      | 5  | 45    | P. M. | ♁     | ♃ | ♁ |   |           |                         |
| 29   |      | 2  |       | A. M. | ♁     | ♃ | ♁ |   |           |                         |
| 31   |      | 3  |       | A. M. | ♁     | ♃ | ♁ |   |           |                         |
| Apr. | 10   | 2  |       | P. M. | ♁     | ♃ | ♁ |   |           |                         |
|      | 12   | 10 |       | P. M. | ♁     | ♃ | ♁ |   |           |                         |
|      | 20   | 3  | 30    | P. M. | ♁     | ♃ | ♁ |   |           |                         |
|      | 21   | 9  |       | P. M. | ♁     | ♃ | ♁ |   |           |                         |
|      | 23   | 1  | 16    | P. M. | ♁     | ♃ | ♁ |   |           |                         |
|      | 28   | 12 | 15    | P. M. | ♁     | ♃ | ♁ |   |           |                         |
|      | 29   | 11 | 59    | P. M. | ♁     | ♃ | ♁ |   |           |                         |
|      | 30   | 8  |       | A. M. | ♁     | ♃ | ♁ |   |           |                         |
| May  | 30   | 5  |       | P. M. | ♁     | ♃ | ♁ |   |           |                         |
|      | 7    | 10 | 48    | A. M. | ♁     | ♃ | ♁ |   |           |                         |
|      | 10   | 9  |       | A. M. | ♁     | ♃ | ♁ |   |           | ♁ gr. elong. E. 21°.    |
|      | 10   | 9  |       | P. M. | ♁     | ♃ | ♁ |   |           |                         |
|      | 18   | 12 | 50    | A. M. | ♁     | ♃ | ♁ |   |           |                         |
|      | 20   | 5  |       | P. M. | ♁     | ♃ | ♁ |   |           |                         |
|      | 21   | 7  | 11    | A. M. | ♁     | ♃ | ♁ |   |           |                         |
|      | 22   | 10 |       | P. M. | ♁     | ♃ | ♁ |   |           |                         |
|      | 27   | 10 | 42    | A. M. | ♁     | ♃ | ♁ |   |           |                         |

ASTRONOMICAL PHENOMENA FOR THE YEAR 1903—Continued.

II.—PLANETARY CONFIGURATIONS.—Continued.

(New York Mean Time.)

| D. H. M. |    |       | D. H. M. |       |       |       | D. H. M. |   |   |                        |
|----------|----|-------|----------|-------|-------|-------|----------|---|---|------------------------|
| May      | 29 | 7 5   | P. M.    | Sept. | 17    | 4     | P. M.    | ○ | ○ | inferior.              |
| June     | 3  | 10    | A. M.    | 20    | 10 34 | A. M. | ○        | ♀ | ○ |                        |
|          | 3  | 9 39  | P. M.    | 20    | 2     | P. M. | ○        | ♂ | ○ | stationary.            |
|          | 4  | 8     | P. M.    | 22    | 7 21  | A. M. | ○        | ♂ | ♂ |                        |
|          | 13 | 10    | P. M.    | 25    | 4 6   | P. M. | ○        | ♂ | ♂ |                        |
|          | 14 | 6 49  | A. M.    | 30    | 8 9   | P. M. | ○        | ♂ | ♂ |                        |
|          | 15 | 11    | A. M.    | Oct.  | 3     | 10    | A. M.    | ○ | ♂ | inferior.              |
|          | 17 | 9 10  | P. M.    | 4     | 9 54  | A. M. | ○        | ♂ | ♂ |                        |
|          | 23 | 12 10 | P. M.    | 6     | 6     | P. M. | ○        | ♂ | ♂ | stationary.            |
|          | 24 | 6     | A. M.    | 8     | 2     | A. M. | ♂        | ♂ | ♂ | stationary.            |
|          | 27 | 10    | P. M.    | 11    | 6     | P. M. | ♂        | ♂ | ♂ | stationary.            |
|          | 28 | 8 54  | A. M.    | 17    | 2 51  | P. M. | ♂        | ♂ | ♂ |                        |
| July     | 1  | 8 37  | P. M.    | 18    | 10    | P. M. | ♂        | ♂ | ♂ | gr. elong. W. 18° 14'. |
|          | 2  | 11    | P. M.    | 19    | 2 24  | A. M. | ♂        | ♂ | ♂ |                        |
|          | 6  | 5     | P. M.    | 24    | 10    | A. M. | ♂        | ♂ | ♂ | ♂ S. 10° 13'.          |
|          | 9  | 7     | P. M.    | 24    | 6 18  | P. M. | ♂        | ♂ | ♂ |                        |
|          | 11 | 9 58  | A. M.    | 24    | 9     | P. M. | ♂        | ♂ | ♂ | gr. brilliancy.        |
|          | 14 | 4     | P. M.    | 27    | 9     | A. M. | ♂        | ♂ | ♂ |                        |
|          | 15 | 5 48  | A. M.    | 28    | 4 42  | A. M. | ♂        | ♂ | ♂ |                        |
|          | 17 | 7     | P. M.    | 31    | 2 24  | P. M. | ♂        | ♂ | ♂ |                        |
|          | 18 | 8     | P. M.    | Nov.  | 7     | 10    | P. M.    | ♂ | ♂ | in ♄.                  |
|          | 24 | 5 36  | A. M.    | 10    | 12    | A. M. | ♂        | ♂ | ♂ | stationary.            |
|          | 26 | 11    | A. M.    | 15    | 7 55  | A. M. | ♂        | ♂ | ♂ |                        |
|          | 27 | 11 45 | A. M.    | 18    | 7 16  | P. M. | ♂        | ♂ | ♂ |                        |
|          | 30 | 3     | A. M.    | 21    | 9     | A. M. | ♂        | ♂ | ♂ | superior.              |
|          | 30 | 4 23  | A. M.    | 22    | 11 59 | P. M. | ♂        | ♂ | ♂ |                        |
| Aug.     | 7  | 11 54 | A. M.    | 24    | 3 51  | P. M. | ♂        | ♂ | ♂ |                        |
|          | 11 | 9 5   | A. M.    | 27    | 11 42 | P. M. | ♂        | ♂ | ♂ |                        |
|          | 12 | 3     | P. M.    | 28    | 12    | P. M. | ♂        | ♂ | ♂ | gr. elong. W. 46° 46'. |
|          | 21 | 1     | A. M.    | Dec.  | 7     | 8     | P. M.    | ♂ | ♂ | in ♄.                  |
|          | 24 | 8 7   | A. M.    | 11    | 3     | P. M. | ♂        | ♂ | ♂ | in perihelion.         |
|          | 24 | 4 55  | P. M.    | 14    | 6 38  | P. M. | ♂        | ♂ | ♂ |                        |
|          | 25 | 8     | A. M.    | 20    | 3 5   | A. M. | ♂        | ♂ | ♂ |                        |
|          | 27 | 7 9   | P. M.    | 20    | 7     | P. M. | ♂        | ♂ | ♂ | ♂ S. 33'.              |
|          | 28 | 11    | A. M.    | 22    | 4 26  | A. M. | ♂        | ♂ | ♂ |                        |
| Sept.    | 3  | 2 44  | P. M.    | 22    | 6 32  | A. M. | ♂        | ♂ | ♂ |                        |
|          | 7  | 9 11  | A. M.    | 22    | 2     | P. M. | ♂        | ♂ | ♂ | in perihelion.         |
|          | 7  | 12    | P. M.    | 25    | 12 55 | P. M. | ♂        | ♂ | ♂ |                        |
|          | 12 | 1     | A. M.    |       |       |       |          |   |   |                        |

The conjunctions of the moon with the planets when viewed from the earth's surface may differ from the above dates as much as  $\pm 20$  minutes or even more by reason of the moon's parallax in right ascension. For the mere purpose of observation the above dates are sufficiently accurate for all places.

Periodic Comets.

OBSERVED AT MORE THAN ONE PERIHELION PASSAGE.

| NAME.              | Perihelion Passage. | Period (Years) | Perihel. Dist. Earth's Orbit=1. | Eccentricity. | NAME.             | Perihelion Passage. | Period (Years) | Perihel. Dist. Earth's Orbit=1. | Eccentricity. |
|--------------------|---------------------|----------------|---------------------------------|---------------|-------------------|---------------------|----------------|---------------------------------|---------------|
| Encke .....        | 1855, Mar. 7        | 3.3            | 0.34                            | 0.846         | Bjela .....       | 1852, Sept. 23      | 6.6            | 0.86                            | 0.755         |
| Tempel .....       | 1883, Nov. 20       | 5.2            | 1.34                            | 0.553         | D'Arrest .....    | 1884, Jan. 13       | 6.7            | 1.33                            | 0.626         |
| Barnard .....      | 1890, Feb.          | 5.4            | 1.28                            | 0.582         | Faye .....        | 1881, Jan. 22       | 7.6            | 1.74                            | 0.549         |
| Tempel-Swift ..... | 1886, May 9         | 5.5            | 1.07                            | 0.656         | Tuttle .....      | 1885, Sept. 11      | 13.8           | 1.02                            | 0.821         |
| Brorsen .....      | 1879, Mar. 30       | 5.5            | 0.59                            | 0.810         | Pons-Brooks ..... | 1884, Jan. 25       | 71.5           | 0.77                            | 0.955         |
| Winnecke .....     | 1886, Sept. 4       | 5.8            | 0.88                            | 0.727         | Olbers .....      | 1887, Oct. 8        | 72.6           | 1.20                            | 0.931         |
| Tempel .....       | 1885, Sept. 25      | 6.5            | 2.07                            | 0.405         | Halley .....      | 1835, Nov. 15       | 76.4           | 0.59                            | 0.967         |

Time Difference

BETWEEN THE CITY OF NEW YORK AND THE PRINCIPAL FOREIGN CITIES.

| LATER THAN NEW YORK. |         |                 |        | EARLIER THAN NEW YORK. |        |                       |         |
|----------------------|---------|-----------------|--------|------------------------|--------|-----------------------|---------|
| H. M.                |         | H. M.           |        | H. M.                  |        | H. M.                 |         |
| Antwerp .....        | 5 13.5  | Dublin .....    | 4 30.5 | Paris .....            | 5 5.2  | Havana .....          | 0 33.5  |
| Berlin .....         | 5 49.5  | Edinburgh ..... | 4 43.2 | Rio de Janeiro .....   | 2 3.2  | Hong Kong .....       | 11 27.4 |
| Bremen .....         | 5 31.0  | Geneva .....    | 5 20.5 | Rome .....             | 5 45.8 | Melbourne .....       | 9 24.2  |
| Brussels .....       | 5 13.4  | Hamburg .....   | 5 35.8 | St. Petersburg .....   | 6 57.1 | Mexico, City of ..... | 1 40.5  |
| Buenos Ayres .....   | 1 2.4   | Liverpool ..... | 4 43.6 | Valparaiso .....       | 0 9.3  | Panama .....          | 0 22.2  |
| Calcutta .....       | 10 49.2 | London .....    | 4 55.9 | Vienna .....           | 6 1.2  | Yokohama .....        | 9 45.5  |
| Constantinople ..... | 6 51.9  | Madrid .....    | 4 41.1 | Hallfax .....          | 0 41.5 |                       |         |



Table of Magnetic Declinations,

OR VARIATIONS OF THE COMPASS FOR THE EPOCH JANUARY, 1903—WITH THE ANNUAL CHANGE FROM 1900 TO 1995 FOR THE PRINCIPAL PLACES IN THE UNITED STATES.

A plus (+) sign denotes West Declination; a minus (—) sign East Declination. For the annual change a plus sign denotes increasing West or decreasing East declination, and a minus sign the reverse.

(Specially prepared for THE WORLD ALMANAC from reports of the United States Coast and Geodetic Survey.)

| STATE OR TERRITORY. | STATION.     | Approximate Latitude. |    | Approximate Longitude. |     | Variation January 1903 |    | Annual Change. | STATE OR TERRITORY. | STATION.       | Approximate Latitude. |     | Approximate Longitude. |     | Variation January 1903 |    | Annual Change. |       |
|---------------------|--------------|-----------------------|----|------------------------|-----|------------------------|----|----------------|---------------------|----------------|-----------------------|-----|------------------------|-----|------------------------|----|----------------|-------|
|                     |              | o                     | '  | o                      | '   | o                      | '  |                |                     |                | o                     | '   | o                      | '   | o                      | '  |                | o     |
| Ala.                | Montgomery   | 32                    | 22 | 86                     | 18  | —                      | 2  | 40             | Miss.               | Oxford         | 34                    | 32  | 89                     | 55  | —                      | 5  | 29             | + 3.8 |
|                     | Mobile       | 30                    | 42 | 85                     | 39  | —                      | 4  | 11             |                     | Jefferson City | 38                    | 35  | 92                     | 9   | —                      | 7  | 10             | + 4.1 |
|                     | Florence     | 34                    | 48 | 87                     | 43  | —                      | 3  | 34             |                     | St. Louis      | 38                    | 38  | 90                     | 16  | —                      | 5  | 0              | + 4.3 |
| Alaska              | Sitka        | 57                    | 5  | 135                    | 20  | —                      | 29 | 42             | Mon.                | Kansas City    | 39                    | 7   | 94                     | 58  | —                      | 8  | 53             | + 4.0 |
|                     | St. Paul     | 57                    | 48 | 152                    | 22  | —                      | 24 | 17             |                     | Helena         | 46                    | 37  | 112                    | 2   | —                      | 19 | 0              | + 2.0 |
|                     | St. Michael  | 63                    | 29 | 162                    | 1   | —                      | 21 | 53             | Neb.                | Lincoln        | 40                    | 49  | 96                     | 42  | —                      | 10 | 22             | + 4.0 |
|                     | Fort Yukon   | 66                    | 34 | 145                    | 18  | —                      | 32 | 30             |                     | Omaha          | 41                    | 16  | 95                     | 58  | —                      | 9  | 23             | + 4.0 |
|                     | Cape Smyth   | 71                    | 18 | 156                    | 39  | —                      | 13 | 30             |                     | Omaha City     | 39                    | 10  | 119                    | 46  | —                      | 16 | 30             | + 1.0 |
| Ariz.               | Prescott     | 32                    | 44 | 114                    | 37  | —                      | 13 | 20             | N. H.               | Eureka         | 39                    | 31  | 115                    | 58  | —                      | 16 | 20             | + 1.5 |
|                     | Yuma         | 31                    | 20 | 110                    | 56  | —                      | 12 | 5              |                     | Concord        | 45                    | 12  | 71                     | 29  | —                      | 12 | 29             | + 2.0 |
| Ark.                | Nogales      | 31                    | 44 | 93                     | 16  | —                      | 6  | 30             | N. J.               | Trenton        | 40                    | 13  | 74                     | 44  | —                      | 8  | 30             | + 2.7 |
|                     | Little Rock  | 34                    | 44 | 93                     | 16  | —                      | 6  | 30             |                     | N. Mex.        | Santa Fe              | 35  | 41                     | 105 | 57                     | —  | 12             | 28    |
|                     | Sacramento   | 38                    | 34 | 121                    | 30  | —                      | 16 | 6              | Albany              |                | 42                    | 40  | 73                     | 45  | —                      | 10 | 58             | + 2.9 |
|                     | Cal.         | San Francisco         | 37 | 48                     | 122 | 27                     | —  | 16             | 55                  | N. Y.          | New York              | 40  | 43                     | 74  | 0                      | —  | 9              | 12    |
| Los Angeles         |              | 34                    | 4  | 118                    | 15  | —                      | 14 | 35             | Rhaca               |                | 42                    | 27  | 76                     | 29  | —                      | 7  | 10             | + 3.2 |
| San Diego           |              | 32                    | 43 | 117                    | 10  | —                      | 13 | 56             | Buffalo             | 42             | 55                    | 78  | 54                     | —   | 6                      | 8  | + 3.4          |       |
| Denver              |              | 39                    | 45 | 105                    | 0   | —                      | 13 | 56             | Raleigh             | 35             | 47                    | 78  | 38                     | —   | 2                      | 34 | + 2.8          |       |
| Hartford            |              | 41                    | 46 | 72                     | 40  | —                      | 10 | 30             | Wilmington          | 34             | 13                    | 77  | 56                     | —   | 1                      | 59 | + 2.8          |       |
| Conn.               | New Haven    | 41                    | 18 | 72                     | 55  | —                      | 9  | 51             | N. Dak.             | Bismarck       | 46                    | 48  | 100                    | 47  | —                      | 14 | 32             | + 3.7 |
|                     | Dover        | 39                    | 9  | 75                     | 31  | —                      | 6  | 32             |                     | Pembina        | 45                    | 68  | 97                     | 14  | —                      | 11 | 0              | + 4.3 |
| Del.                | Washington   | 38                    | 53 | 77                     | 0   | —                      | 4  | 59             | Ohio                | Columbus       | 40                    | 0   | 83                     | 0   | —                      | 0  | 50             | + 3.7 |
|                     | Tallahassee  | 30                    | 26 | 84                     | 17  | —                      | 2  | 14             |                     | Cleveland      | 41                    | 30  | 81                     | 42  | —                      | 2  | 16             | + 3.7 |
| Florida.            | Jacksonville | 30                    | 20 | 81                     | 39  | —                      | 1  | 10             | Cincinnati          | 39             | 8                     | 84  | 25                     | —   | 0                      | 57 | + 3.7          |       |
|                     | Key West     | 24                    | 33 | 81                     | 48  | —                      | 2  | 32             | Okla.               | Guthrie        | ..                    | ..  | ..                     | ..  | —                      | 9  | 0              | + 3.3 |
|                     | Atlanta      | 33                    | 44 | 84                     | 22  | —                      | 1  | 32             |                     | Portland       | 45                    | 31  | 122                    | 41  | —                      | 22 | 24             | 0.0   |
| Georgian.           | Savannah     | 32                    | 5  | 81                     | 5   | —                      | 0  | 35             | Pa.                 | Harrisburg     | 40                    | 16  | 76                     | 53  | —                      | 6  | 26             | + 3.0 |
|                     | Boise        | 43                    | 37 | 116                    | 12  | —                      | 18 | 37             |                     | Philadelphia   | 39                    | 58  | 75                     | 10  | —                      | 7  | 30             | + 2.9 |
| Idaho.              | Springfield  | 39                    | 50 | 89                     | 39  | —                      | 4  | 6              | R. I.               | Allegheeny     | 40                    | 28  | 80                     | 1   | —                      | 3  | 58             | + 1.4 |
|                     | Chicago      | 41                    | 54 | 87                     | 37  | —                      | 3  | 00             |                     | Providence     | 41                    | 50  | 71                     | 24  | —                      | 11 | 48             | + 3.8 |
| Ind. Ter.           | Atoka        | 34                    | 24 | 95                     | 5   | —                      | 8  | 0              | S. C.               | Columbia       | 34                    | 0   | 81                     | 2   | —                      | 0  | 7              | + 3.1 |
|                     | Indianapolis | 39                    | 47 | 86                     | 8   | —                      | 1  | 16             |                     | Charleston     | 32                    | 47  | 79                     | 66  | —                      | 0  | 40             | + 3.0 |
| Indiana.            | Fort Wayne   | 41                    | 3  | 85                     | 3   | —                      | 0  | 8              | S. Dak.             | Pierre         | 44                    | 22  | 100                    | 22  | —                      | 12 | 24             | + 3.6 |
|                     | Des Moines   | 41                    | 36 | 93                     | 36  | —                      | 7  | 30             |                     | Yankton        | 42                    | 53  | 97                     | 25  | —                      | 10 | 50             | + 3.8 |
| Iowa.               | Dubuque      | 42                    | 30 | 90                     | 44  | —                      | 5  | 24             | Tenn.               | Nashville      | 36                    | 9   | 86                     | 48  | —                      | 3  | 43             | + 3.8 |
|                     | Topoka       | ..                    | .. | ..                     | ..  | —                      | 9  | 00             |                     | Knoxville      | 35                    | 58  | 83                     | 55  | —                      | 0  | 6              | + 3.6 |
| Kansas.             | Wichita      | 37                    | 40 | 97                     | 20  | —                      | 9  | 25             | Memphis             | 35             | 8                     | 90  | 3                      | —   | 5                      | 23 | + 3.8          |       |
|                     | Frankfort    | ..                    | .. | ..                     | ..  | —                      | 1  | 20             | Tex.                | Austin         | 30                    | 17  | 97                     | 44  | —                      | 8  | 5              | + 8.3 |
| Ky.                 | Paducah      | 37                    | 5  | 88                     | 37  | —                      | 4  | 24             |                     | San Antonio    | 29                    | 27  | 98                     | 28  | —                      | 8  | 20             | + 3.1 |
|                     | Louisville   | 38                    | 15 | 85                     | 46  | —                      | 1  | 17             | Houston             | 29             | 42                    | 95  | 20                     | —   | 7                      | 18 | + 3.3          |       |
| La.                 | Baton Rouge  | 30                    | 27 | 91                     | 11  | —                      | 5  | 38             | Galveston           | 29             | 18                    | 94  | 47                     | —   | 6                      | 57 | + 3.3          |       |
|                     | New Orleans  | 30                    | 0  | 90                     | 5   | —                      | 5  | 22             | El Paso             | 31             | 46                    | 106 | 29                     | —   | 11                     | 28 | + 2.7          |       |
|                     | Shreveport   | 32                    | 30 | 93                     | 45  | —                      | 6  | 40             | Utah                | Salt Lake      | 40                    | 46  | 111                    | 54  | —                      | 16 | 6              | + 2.0 |
| Maine.              | Augusta      | ..                    | .. | ..                     | ..  | —                      | 16 | 0              |                     | Ogden          | 41                    | 13  | 112                    | 0   | —                      | 17 | 0              | + 2.0 |
|                     | Portland     | 43                    | 39 | 70                     | 17  | —                      | 14 | 23             | Vt.                 | Montpelier     | 44                    | 15  | 72                     | 32  | —                      | 13 | 56             | + 2.0 |
| Eastport            | 44           | 54                    | 66 | 59                     | —   | 18                     | 56 | Burlington     |                     | 44             | 28                    | 73  | 12                     | —   | 12                     | 38 | + 2.0          |       |
| Md.                 | Annapolis    | 39                    | 59 | 76                     | 39  | —                      | 5  | 35             | Va.                 | Richmond       | 37                    | 32  | 77                     | 26  | —                      | 3  | 45             | + 2.8 |
|                     | Baltimore    | 39                    | 15 | 76                     | 35  | —                      | 5  | 39             |                     | Norfolk        | 36                    | 52  | 76                     | 17  | —                      | 4  | 31             | + 2.7 |
| Mass.               | Boston       | 42                    | 22 | 71                     | 4   | —                      | 12 | 30             | Wash.               | Lynchburg      | 37                    | 25  | 79                     | 9   | —                      | 3  | 25             | + 3.1 |
|                     | Springfield  | 42                    | 6  | 73                     | 32  | —                      | 10 | 50             |                     | Olympia        | 47                    | 2   | 122                    | 54  | —                      | 22 | 43             | 0.0   |
| Mich.               | Lansing      | 42                    | 21 | 83                     | 9   | —                      | 1  | 16             | W. Va.              | Walla Walla    | 46                    | 4   | 118                    | 21  | —                      | 21 | 10             | + 1.0 |
|                     | Detroit      | 42                    | 21 | 83                     | 9   | —                      | 1  | 16             |                     | Wheeling       | 40                    | 2   | 80                     | 44  | —                      | 2  | 13             | + 3.4 |
| Minn.               | Marquette    | 46                    | 33 | 87                     | 22  | —                      | 1  | 57             | Wis.                | Madison        | 43                    | 4   | 89                     | 25  | —                      | 4  | 47             | + 5.0 |
|                     | St. Paul     | 44                    | 58 | 9                      | 5   | —                      | 8  | 36             |                     | Milwaukee      | 43                    | 4   | 87                     | 53  | —                      | 3  | 18             | + 5.0 |
| Miss.               | Duluth       | 46                    | 46 | 92                     | 4   | —                      | 11 | 55             | Superior City       | 46             | 40                    | 92  | 4                      | —   | 8                      | 0  | + 5.0          |       |
|                     | Jackson      | 32                    | 19 | 90                     | 12  | —                      | 5  | 55             | Cheyenne            | 41             | 8                     | 104 | 49                     | —   | 14                     | 20 | + 2.8          |       |

EXTREME VALUES.

|          |                             |    |    |    |    |     |   |   |     |           |                    |    |    |     |   |   |    |       |
|----------|-----------------------------|----|----|----|----|-----|---|---|-----|-----------|--------------------|----|----|-----|---|---|----|-------|
| Maine... | Mo. of Green R. (Brunswick) | 47 | 19 | 68 | 10 | +21 | 0 | — | 1.0 | Alaska... | Demarcation Point. | 69 | 41 | 141 | 0 | — | 40 | +10.0 |
|----------|-----------------------------|----|----|----|----|-----|---|---|-----|-----------|--------------------|----|----|-----|---|---|----|-------|

CONQUESTS.

|             |          |    |    |    |    |   |   |       |              |               |          |    |    |     |    |    |       |    |       |
|-------------|----------|----|----|----|----|---|---|-------|--------------|---------------|----------|----|----|-----|----|----|-------|----|-------|
| Cuba        | Havana   | 23 | 8  | 82 | 22 | — | 3 | 5     | + 3.0        | Haw'n Islands | Honolulu | 21 | 18 | 157 | 52 | —  | 10    | 26 | + 1.5 |
|             | Santiago | 20 | 0  | 75 | 50 | — | 1 | 50    | + 2.5        |               | Waimea   | 30 | 2  | 155 | 38 | —  | 9     | 20 | + 1.5 |
| Porto Rico. | San Juan | 18 | 29 | 66 | 7  | — | 4 | + 2.0 | Philip pines | Manila        | 14       | 35 | *  | —   | 0  | 53 | + 1.0 |    |       |
|             | Ponce    | 17 | 59 | 66 | 40 | — | 0 | 53    |              | + 2.0         |          |    |    |     |    |    |       |    |       |

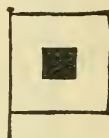
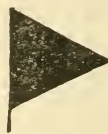
\*Manila, 120° 58' East.

**Weather Flags****OF THE WEATHER BUREAU, U. S. DEPARTMENT OF AGRICULTURE.**

THE Weather Bureau furnishes, when practicable, for the benefit of all interests dependent upon weather conditions, the "Forecasts" which are prepared daily at the Central Office in Washington, D. C., and certain designated stations. These forecasts are telegraphed to stations of the Weather Bureau, railway officials, postmasters, and many others, to be communicated to the public by means of flags or steam whistles. The flags adopted for this purpose are five in number, and of the forms and colors indicated below:

**EXPLANATION OF WEATHER FLAGS.**

|                       |                      |                                |                                  |                                                         |
|-----------------------|----------------------|--------------------------------|----------------------------------|---------------------------------------------------------|
| No. 1.<br>White Flag. | No. 2.<br>Blue Flag. | No. 3.<br>White and Blue Flag. | No. 4.<br>Black Triangular Flag. | No. 5.<br>White Flag with<br>black square in<br>centre. |
|-----------------------|----------------------|--------------------------------|----------------------------------|---------------------------------------------------------|



Clear or fair weather.    Rain or snow.    Local rain or snow.    Temperature.    Cold wave.

When number 4 is placed above number 1, 2, or 3, it indicates warmer; when below, colder; when not displayed, the temperature is expected to remain about stationary. During the late Spring and early Fall the cold-wave flag is also used to indicate anticipated frosts.

**WHISTLE SIGNALS.**

A warning blast of from fifteen to twenty seconds duration is sounded to attract attention. After this warning the longer blasts (of from four to six seconds duration) refer to weather, and shorter blasts (of from one to three seconds duration) refer to temperature; those for weather are sounded first.

|                 |                     |                  |                     |
|-----------------|---------------------|------------------|---------------------|
| Blasts.         | Indicate.           | Blasts.          | Indicate.           |
| One long.....   | Fair weather.       | One short.....   | Lower temperature.  |
| Two long.....   | Rain or snow.       | Two short.....   | Higher temperature. |
| Three long..... | Local rain or snow. | Three short..... | Cold wave.          |

By repeating each combination a few times, with intervals of ten seconds, liability to error in reading the signals may be avoided.

As far as practicable the forecast messages will be telegraphed at the expense of the Weather Bureau; but if this is impracticable, they will be furnished at the regular commercial rates and sent "collect." In no case will the forecasts be sent to a second address in any place, except at the expense of the applicant.

Persons desiring to display the flags or sound the whistle signals for the benefit of the public should communicate with the Weather Bureau officials in charge of the climate and crop service of their respective States, the central stations of which are as follows:

|                              |                            |                             |
|------------------------------|----------------------------|-----------------------------|
| Alabama, Montgomery.         | Massachusetts, Boston      | Ohio, Columbus.             |
| Arizona, Phoenix.            | (for New England).         | Oklahoma, Oklahoma.         |
| Arkansas, Little Rock.       | Michigan, Lansing.         | Oregon, Portland.           |
| California, San Francisco.   | Minnesota, Minneapolis.    | Pennsylvania, Philadelphia. |
| Colorado, Denver.            | Mississippi, Vicksburg.    | South Carolina, Columbia.   |
| Florida, Jacksonville.       | Missouri, Columbia.        | South Dakota, Huron.        |
| Georgia, Atlanta.            | Montana, Helena.           | Tennessee, Nashville.       |
| Idaho, Boise.                | Nebraska, Lincoln.         | Texas, Galveston.           |
| Illinois, Springfield.       | Nevada, Carson City.       | Utah, Salt Lake.            |
| Indiana, Indianapolis.       | New Jersey, New Brunswick. | Virginia, Richmond.         |
| Iowa, Des Moines.            | New Mexico, Santa Fé.      | Washington, Seattle.        |
| Kansas, Topeka.              | New York, Ithaca.          | West Virginia, Parkersburg. |
| Kentucky, Louisville.        | North Carolina, Raleigh.   | Wisconsin, Milwaukee.       |
| Louisiana, New Orleans.      | North Dakota, Bismarck.    | Wyoming, Cheyenne.          |
| Maryland, Baltimore          |                            |                             |
| (for Delaware and Maryland). |                            |                             |

**The Ancient and Modern Year.**

THE Athenians began the year in June, the Macedonians in September, the Romans first in March and afterward in January, the Persians on August 11, the ancient Mexicans on February 23, the Mohammedans in July. The Chinese year, which begins early in February, is similar to the Mohammedan in having 12 months of 29 and 30 days alternately; but in every nineteen years there are seven years which have 13 months. This is not quite correct, and the Chinese have therefore formed a cycle of 60 years, in which period 22 intercalary months occur.



**Storm and Hurricane Warnings**

OF THE WEATHER BUREAU, U. S. DEPARTMENT OF AGRICULTURE.  
STORM WARNINGS.



Northeasterly winds, Southeasterly winds, Northwesterly winds, Southwesterly winds, Red, black centre.

**Storm Warnings.**—A red flag with a black centre indicates that a storm of marked violence is expected.

The pennants displayed with the flags indicate the direction of the wind; red, easterly (from northeast to south); white, westerly (from southwest to north). The pennant above the flag indicates that the wind is expected to blow from the northerly quadrants; below, from the southerly quadrants. By night a red light indicates easterly winds, and a white light above a red light westerly winds.

**Hurricane Warning.**—Two red flags with black centres, displayed one above the other, indicate the expected approach of a tropical hurricane, and also one of those extremely severe and dangerous storms which occasionally move across the Lakes and Northern Atlantic coast.

**Velocity of Winds in the United States.**

AVERAGE hourly velocity of the wind at selected stations of the United States Weather Bureau, also the highest velocity ever reported for a period of five minutes. (Prepared by W. L. Moore, Chief of the Weather Bureau, and revised to October 1, 1902, for THE WORLD ALMANAC.)

| STATIONS.              | Average Hourly Velocity. |     | Highest Ever Reported. | STATIONS.               | Average Hourly Velocity. |     | Highest Ever Reported. | STATIONS.               | Average Hourly Velocity. |     | Highest Ever Reported. |
|------------------------|--------------------------|-----|------------------------|-------------------------|--------------------------|-----|------------------------|-------------------------|--------------------------|-----|------------------------|
|                        | Mi.                      | Mi. |                        |                         | Mi.                      | Mi. |                        |                         | Mi.                      | Mi. |                        |
| Ablene, Texas.....     | 11                       | 66  |                        | El Paso, Texas.....     | 5                        | 73  |                        | Philadelphia, Pa.....   | 10                       | 75  |                        |
| Albany, N. Y.....      | 6                        | 70  |                        | Fort Smith, Ark.....    | 5                        | 64  |                        | Pittsburgh, Pa.....     | 6                        | 48  |                        |
| Alpena, Mich.....      | 9                        | 72  |                        | Galveston, Texas.....   | 10                       | 84  |                        | Portland, Me.....       | 5                        | 60  |                        |
| Atlanta, Ga.....       | 3                        | 56  |                        | Havre, Mont.....        | 11                       | 76  |                        | Red Bluff, Cal.....     | 7                        | 60  |                        |
| Bismarck, N. D.....    | 3                        | 74  |                        | Helena, Mont.....       | 6                        | 60  |                        | Rochester, N. Y.....    | 11                       | 73  |                        |
| Boise, Idaho.....      | 4                        | 55  |                        | Huron, S. D.....        | 10                       | 69  |                        | St. Louis, Mo.....      | 11                       | 80  |                        |
| Boston, Mass.....      | 11                       | 72  |                        | Jacksonville, Fla.....  | 6                        | 70  |                        | St. Paul, Minn.....     | 7                        | 60  |                        |
| Buffalo, N. Y.....     | 11                       | 90  |                        | Keokuk, Iowa.....       | 3                        | 60  |                        | St. Vincent, Minn.....  | 5                        | 72  |                        |
| Charlotte, N. C.....   | 5                        | 55  |                        | Knoxville, Tenn.....    | 3                        | 84  |                        | Salt Lake City, Utah    | 5                        | 62  |                        |
| Chattanooga, Tenn..... | 6                        | 60  |                        | Leavenworth, Kan.....   | 7                        | 66  |                        | San Diego, Cal.....     | 6                        | 40  |                        |
| Chicago, Ill.....      | 9                        | 84  |                        | Louisville, Ky.....     | 7                        | 58  |                        | San Francisco, Cal..... | 9                        | 60  |                        |
| Cincinnati, Ohio.....  | 7                        | 59  |                        | Lynchburg, Va.....      | 4                        | 50  |                        | Santa Fé, N. M.....     | 6                        | 51  |                        |
| Cleveland, Ohio.....   | 9                        | 73  |                        | Memphis, Tenn.....      | 6                        | 75  |                        | Savannah, Ga.....       | 7                        | 80  |                        |
| Custer, Mont.....      | 7                        | 72  |                        | Montgomery, Ala.....    | 5                        | 54  |                        | Spokane, Wash.....      | 4                        | 52  |                        |
| Denver, Col.....       | 7                        | 75  |                        | Nashville, Tenn.....    | 6                        | 75  |                        | Toledo, Ohio.....       | 9                        | 72  |                        |
| Detroit, Mich.....     | 9                        | 76  |                        | New Orleans, La.....    | 7                        | 60  |                        | Vicksburg, Miss.....    | 6                        | 60  |                        |
| Dodge City, Kan.....   | 11                       | 75  |                        | New York City, N.Y..... | 9                        | 80  |                        | Washington, D. C.....   | 5                        | 66  |                        |
| Dubuque, Iowa.....     | 5                        | 60  |                        | North Platte, Neb.....  | 9                        | 96  |                        | Wilmington, N. C.....   | 7                        | 68  |                        |
| Duluth, Minn.....      | 7                        | 78  |                        | Omaha, Neb.....         | 8                        | 60  |                        |                         |                          |     |                        |
| Eastport, Me.....      | 9                        | 78  |                        | Palestine, Texas.....   | 8                        | 60  |                        |                         |                          |     |                        |

\*Anemometer blew away, at a velocity of 84 miles per hour, September, 1900.

STANDARD TABLE SHOWING VELOCITY AND FORCE OF WINDS.

| DESCRIPTION.        | Miles per Hour. | Feet per Minute. | Feet per Second. | Force in lbs. per Square Foot. | DESCRIPTION.        | Miles per Hour. | Feet per Minute. | Feet per Second. | Force in lbs. per Square Foot. |
|---------------------|-----------------|------------------|------------------|--------------------------------|---------------------|-----------------|------------------|------------------|--------------------------------|
| Perceptible.....    | 1               | 88               | 1.47             | .005                           | High wind.....      | 30              | 2,640            | 44.0             | 4.428                          |
| Just perceptible... | 2               | 176              | 2.93             | .020                           |                     | 35              | 3,080            | 51.3             | 6.027                          |
| Gentle breeze.....  | 3               | 264              | 4.4              | .044                           | Very high wind..... | 40              | 3,520            | 58.6             | 7.872                          |
|                     | 4               | 352              | 5.87             | .079                           |                     | 45              | 3,960            | 66.0             | 9.963                          |
| Pleasant breeze..   | 5               | 440              | 7.33             | .123                           | Storm.....          | 50              | 4,400            | 73.3             | 12.300                         |
|                     | 10              | 880              | 14.67            | .492                           |                     | 60              | 5,280            | 88.0             | 17.712                         |
| Brisk wind.....     | 15              | 1,320            | 22.0             | 1.107                          | Great storm.....    | 70              | 6,160            | 102.7            | 24.108                         |
|                     | 20              | 1,760            | 29.3             | 1.968                          |                     | 80              | 7,040            | 117.3            | 31.488                         |
|                     | 25              | 2,200            | 36.6             | 3.075                          | Hurricane.....      | 100             | 8,800            | 146.6            | 49.200                         |

From 1890 to 1898 the property loss by tornadoes in the United States was \$26,633,750 [See THE WORLD ALMANAC for 1902, page 61]. The number of persons killed by tornadoes 1889 to 1898 inclusive was 1,437.

**Loss by Lightning in the United States.**

THE Weather Bureau of the United States Department of Agriculture in October, 1900, issued a bulletin giving these facts: In 1899 the total number of strokes of lightning which caused damage was 5,527; number of buildings injured, 6,256; value of property lost, \$3,016,520; number of deaths by lightning during the year, 563; number of persons injured, 820; number of live stock killed in the fields, 4,251; value, \$129,955.

The Chronicle Fire Tables record 3,064 fires caused by lightning in the United States in 1901, the property loss occasioned thereby being \$4,726,865.

## Normal Temperature and Rainfall

IN THE UNITED STATES.

TABLE SHOWING THE NORMAL TEMPERATURE FOR JANUARY AND JULY, AND THE NORMAL ANNUAL PRECIPITATION AT WEATHER BUREAU STATIONS IN EACH OF THE STATES AND TERRITORIES, ALSO THE HIGHEST AND LOWEST TEMPERATURES EVER REPORTED FROM EACH OF SAID STATIONS, TO SEPTEMBER 1, 1902.

(Prepared in the office of the Chief of the Weather Bureau, U. S. Department of Agriculture, for THE WORLD ALMANAC for 1903.)

| STATES AND TERRITORIES. | Stations.             | TEMPERATURE |         |                |          | Mean Annual Precipitation, Rain and Melted Snow (inches). | STATES AND TERRITORIES. | Stations.             | TEMPERATURE |          |         |                | Mean Annual Precipitation, Rain and Melted Snow (inches). |          |       |
|-------------------------|-----------------------|-------------|---------|----------------|----------|-----------------------------------------------------------|-------------------------|-----------------------|-------------|----------|---------|----------------|-----------------------------------------------------------|----------|-------|
|                         |                       | Mean.       |         | Ex-<br>tremes. | January. |                                                           |                         |                       | July.       | Mean.    |         | Ex-<br>tremes. |                                                           | January. | July. |
|                         |                       | Highest.    | Lowest. |                |          |                                                           |                         |                       |             | Highest. | Lowest. |                |                                                           |          |       |
| Ala.                    | Mobile .....          | 50          | 82      | 102            | -        | 162.2                                                     | Neb.                    | North Platt .....     | 19          | 74       | 107     | -35            | 18.3                                                      |          |       |
|                         | Montgomery .....      | 48          | 82      | 107            | -        | 52.7                                                      |                         | Omaha .....           | 19          | 76       | 106     | -32            | 31.7                                                      |          |       |
| Ariz.                   | Grant, Fort* .....    | 43          | 78      | 103            | -7       | 16.5                                                      | Nevada.                 | Valentine .....       | 14          | 74       | 106     | -38            | 19.1                                                      |          |       |
|                         | Prescott* .....       | 32          | 73      | 100            | -18      | 16.4                                                      | Winnemucca .....        | 28                    | 72          | 104      | -28     | 5.5            |                                                           |          |       |
| Ark.                    | Ynna .....            | 54          | 92      | 118            | 20       | 3.0                                                       | N. C.                   | Hatteras .....        | 44          | 78       | 92      | 8              | 66.4                                                      |          |       |
|                         | Fort Smith .....      | 34          | 80      | 107            | -15      | 44.7                                                      | Wilmington .....        | 47                    | 80          | 103      | 5       | 54.3           |                                                           |          |       |
| Cal.                    | Little Rock .....     | 40          | 81      | 106            | -12      | 53.6                                                      | N. Dak.                 | Bismarck .....        | 4           | 67       | 106     | -44            | 18.4                                                      |          |       |
|                         | Red Bluff .....       | 46          | 82      | 114            | 18       | 26.1                                                      | Williston .....         | 3                     | 68          | 107      | -49     | 14.0           |                                                           |          |       |
| Col.                    | Sacramento .....      | 46          | 72      | 110            | 19       | 20.9                                                      | N. H.                   | Manchester* .....     | 22          | 69       | 96      | -11            | 41.9                                                      |          |       |
|                         | San Diego .....       | 54          | 67      | 101            | 32       | 10.5                                                      | N. J.                   | Atlantic City .....   | 32          | 72       | 99      | -7             | 42.7                                                      |          |       |
| Conn.                   | Denver .....          | 27          | 72      | 103            | -29      | 14.5                                                      | N. Mex.                 | Cape May .....        | 34          | 74       | 94      | 3              | 47.2                                                      |          |       |
|                         | Las Animas* .....     | 23          | 76      | 103            | -31      | 13.5                                                      | New Brunswick .....     | 28                    | 74          | 100      | -10     | 46.8           |                                                           |          |       |
| Del.                    | Montrose* .....       | 23          | 72      | 98             | -20      | 8.9                                                       | Santa Fe .....          | 28                    | 68          | 97       | -13     | 14.2           |                                                           |          |       |
|                         | New Haven .....       | 25          | 72      | 100            | -14      | 50.3                                                      | Stanton, Fort* .....    | 34                    | 68          | 95       | -18     | 17.3           |                                                           |          |       |
| Dist. of<br>Col.        | New London* .....     | 28          | 71      | 95             | -10      | 49.1                                                      | Albany .....            | 23                    | 73          | 100      | -18     | 37.9           |                                                           |          |       |
|                         | Del. Br'kwater* ..... | 33          | 73      | 93             | 1        | 32.6                                                      | New York City .....     | 30                    | 74          | 100      | -6      | 44.8           |                                                           |          |       |
| Florida.                | Washington .....      | 33          | 77      | 104            | -15      | 43.5                                                      | Oswego .....            | 25                    | 69          | 100      | -23     | 5.0            |                                                           |          |       |
|                         | Jacksonville .....    | 55          | 82      | 104            | 10       | 54.1                                                      | Cincinnati .....        | 33                    | 78          | 105      | -17     | 39.9           |                                                           |          |       |
| Georgia.                | Key West .....        | 70          | 84      | 100            | 41       | 38.5                                                      | Columbus .....          | 28                    | 75          | 104      | -20     | 38.9           |                                                           |          |       |
|                         | Pensacola .....       | 52          | 81      | 103            | 7        | 57.1                                                      | Toledo .....            | 26                    | 74          | 102      | -16     | 30.9           |                                                           |          |       |
| Idaho.                  | Atlanta .....         | 43          | 78      | 100            | -8       | 52.0                                                      | Okla.                   | Sill, Fort* .....     | 35          | 82       | 107     | -9             | 31.2                                                      |          |       |
|                         | Augusta .....         | 47          | 82      | 105            | 3        | 48.3                                                      | Oregon.                 | Portland .....        | 39          | 67       | 102     | -2             | 46.5                                                      |          |       |
| Illinois.               | Savannah .....        | 51          | 82      | 105            | 8        | 51.9                                                      | Roseburg .....          | 40                    | 66          | 103      | -6      | 35.2           |                                                           |          |       |
|                         | Boise .....           | 28          | 73      | 111            | -28      | 13.2                                                      | Umatilla* .....         | 32                    | 73          | 110      | -24     | 9.7            |                                                           |          |       |
| Indiana.                | Cairo .....           | 34          | 79      | 106            | -16      | 42.8                                                      | Pa.                     | Erle .....            | 27          | 72       | 94      | -16            | 41.3                                                      |          |       |
|                         | Chicago .....         | 24          | 72      | 103            | -23      | 34.8                                                      | Philadelphia .....      | 32                    | 76          | 103      | -6      | 39.8           |                                                           |          |       |
| Iowa.                   | Springfield .....     | 25          | 77      | 107            | -22      | 38.0                                                      | Pittsburgh .....        | 30                    | 74          | 103      | -20     | 36.7           |                                                           |          |       |
|                         | Indianapolis .....    | 28          | 76      | 106            | -25      | 43.1                                                      | R. I.                   | Block Island .....    | 30          | 69       | 89      | -4             | 4.2                                                       |          |       |
| Kansas.                 | Des Moines .....      | 17          | 75      | 109            | -30      | 33.1                                                      | Newport .....           | 30                    | 70          | 92       | -8      | 50.0           |                                                           |          |       |
|                         | Dubuque .....         | 17          | 75      | 106            | -32      | 35.5                                                      | N. C.                   | Charleston .....      | 49          | 82       | 104     | 7              | 56.7                                                      |          |       |
| Ky.                     | Keokuk .....          | 25          | 77      | 108            | -24      | 34.7                                                      | N. Dak.                 | Yankton .....         | 13          | 74       | 107     | -34            | 26.8                                                      |          |       |
|                         | Dodge .....           | 25          | 78      | 108            | -26      | 19.8                                                      | Tenn.                   | Chattanooga .....     | 41          | 78       | 101     | -10            | 55.0                                                      |          |       |
| La.                     | Concordia .....       | 19          | 77      | 106            | -25      | 25.5                                                      | Memphis .....           | 40                    | 81          | 104      | -9      | 53.3           |                                                           |          |       |
|                         | Leavenworth* .....    | 24          | 78      | 107            | -29      | 38.4                                                      | Nashville .....         | 38                    | 80          | 104      | -13     | 50.1           |                                                           |          |       |
| Maine.                  | Louisville .....      | 34          | 79      | 107            | -20      | 45.8                                                      | Elliott, Fort* .....    | 30                    | 77          | 108      | -14     | 24.5           |                                                           |          |       |
|                         | New Orleans .....     | 54          | 83      | 102            | 7        | 60.5                                                      | Brownsville* .....      | 57                    | 84          | 102      | 18      | 36.9           |                                                           |          |       |
| Md.                     | Shreveport .....      | 45          | 83      | 107            | -5       | 48.3                                                      | El Paso .....           | 44                    | 82          | 113      | -5      | 48.3           |                                                           |          |       |
|                         | Eastport .....        | 20          | 60      | 93             | -21      | 45.2                                                      | Palestine .....         | 43                    | 82          | 104      | -6      | 46.5           |                                                           |          |       |
| Mass.                   | Portland .....        | 23          | 69      | 97             | -17      | 42.3                                                      | Prisco* .....           | 30                    | 73          | 93       | -9      | 7.6            |                                                           |          |       |
|                         | Baltimore .....       | 34          | 78      | 104            | -7       | 43.8                                                      | Utah.                   | Salt Lake .....       | 28          | 76       | 102     | -20            | 16.2                                                      |          |       |
| Mich.                   | Boston .....          | 26          | 71      | 102            | -13      | 45.0                                                      | Vt.                     | Burlington* .....     | 19          | 71       | 97      | -25            | 28.8                                                      |          |       |
|                         | Springfield* .....    | 26          | 73      | 94             | -14      | 47.0                                                      | Va.                     | Lynchburg .....       | 36          | 78       | 102     | -6             | 42.8                                                      |          |       |
| Minn.                   | Grand Haven .....     | 24          | 69      | 94             | -25      | 34.8                                                      | Norfolk .....           | 40                    | 79          | 102      | -2      | 52.1           |                                                           |          |       |
|                         | Marquette .....       | 16          | 65      | 108            | -27      | 32.4                                                      | Dayton* .....           | 30                    | 68          | 109      | -26     | 27.8           |                                                           |          |       |
| Miss.                   | Port Huron .....      | 21          | 69      | 99             | -25      | 31.6                                                      | Olympia* .....          | 38                    | 62          | 97       | -2      | 53.1           |                                                           |          |       |
|                         | Duluth .....          | 10          | 66      | 99             | -41      | 31.0                                                      | Tatoosh Island* .....   | 40                    | 56          | 80       | -7      | 92.6           |                                                           |          |       |
| Mo.                     | St. Paul .....        | 11          | 72      | 104            | -41      | 27.5                                                      | W. Va.                  | Morgantown* .....     | 35          | 74       | 97      | -25            | 49.6                                                      |          |       |
|                         | St. Vincent* .....    | -8          | 65      | 103            | -54      | 16.6                                                      | La Crosse .....         | 15                    | 73          | 104      | -43     | 30.7           |                                                           |          |       |
| Mont.                   | Vicksburg .....       | 47          | 82      | 101            | -1       | 55.7                                                      | Milwaukee .....         | 19                    | 69          | 100      | -25     | 32.1           |                                                           |          |       |
|                         | St. Louis .....       | 30          | 79      | 107            | -22      | 41.1                                                      | Bridger, Fort* .....    | 19                    | 64          | 89       | -12     | 8.7            |                                                           |          |       |
| Neb.                    | Springfield .....     | 32          | 75      | 106            | -29      | 45.7                                                      | Cheyenne .....          | 25                    | 67          | 100      | -38     | 12.2           |                                                           |          |       |
|                         | Havre .....           | 9           | 67      | 108            | -55      | 14.1                                                      | Wash.                   | Washakie, Fort* ..... | 10          | 67       | 100     | -54            | 11.0                                                      |          |       |
| Nevada.                 | Custer, Fort* .....   | 14          | 71      | 107            | -48      | 13.0                                                      |                         |                       |             |          |         |                |                                                           |          |       |
|                         | Poplar River* .....   | -5          | 69      | 110            | -63      | 10.8                                                      |                         |                       |             |          |         |                |                                                           |          |       |

The minus (-) sign indicates temperature below zero. \* Not now a station of the Weather Bureau, and report is therefore for the period preceding its discontinuance as a station.

## Meteorites.

EVERY one has seen on almost any clear night, and especially in August and November, starlike bodies shoot swiftly across a portion of the sky and then suddenly disappear. They are popularly called "shooting stars" and technically meteors or meteorites, and from an examination of many of them which have fallen, they are found to consist of mineral masses, chiefly iron, nickel, manganese, etc., and vary in size from mere dust particles to bodies weighing thousands of pounds.

From careful observation it is found that they chiefly move in groups or swarms around the sun just as planets do. In fact two of the groups are undoubtedly the debris of disintegrated comets which have long ceased to be visible. The following is a list of meteorites which were actually seen to fall, and fragments of them are to-day to be found in the great museums of London, Paris, and Vienna in Europe, and in those of Harvard, Yale, Amherst, and other colleges and in the Smithsonian Institution in this country:

1. A large stone weighing 260 pounds at Ensisheim, Germany, 1492, November 7; fragments of which are in the British Museum and in the Jardin des Plantes, Paris.
2. About 1,200 stones, one of which weighed 120 pounds, at Padua, Italy, in 1510.
3. A mass of iron at Jahliadu, Punjab, India, in 1620. The Emperor Jehangis had a sword forged from it.
4. A stone 59 pounds at Mont Vasier, Provence, France, 1627, November 27, witnessed by the Astronomer Gassendi.
5. A mass of iron at Agram, Bohemia, 1751.
6. A shower of stones at Plaun, Bohemia, 1753, July 3.
7. Two stones of 20 pounds each at Lipoos, France, 1753, September.
8. Two stones 200 and 300 pounds at Verona, Italy, in 1762.
9. A stone of 56 pounds at Wald Cottage, Yorkshire, England, 1795, December 13.
10. A stone about 20 pounds near Sales, Ville Franche, 1798, March 12.
11. A shower of stones at Benares, India, 1798, March 17.
12. Several stones (8½ pounds), near L'Aigle, Normandy, France, 1803, April 16.
13. A shower of stones at Weston, Ct., 1807, December 14.
14. A mass of iron in Dickson County, Tenn., 1835.
15. A mass of iron at Brannau, Bohemia, 1847.
16. Several large stones at Dhurmsala, India, in 1860. They were coated with ice when dug out.
17. A shower of stones at Orguel, France, 1864, May 15.
18. A mass of iron at Nejed, Arabia, in 1865.
19. A tremendous fall of stones weighing over 600 pounds at Kuyahinya, Hungary, in 1866, July 9.
20. A mass of iron at Nedagollah, India, in 1870.
21. A mass of iron near Maysville, Cal., in 1873.
22. A mass of iron (8 pounds) at Rowton, England, in 1876. This was red hot when dug up.
23. Several small fragments of meteoric iron in Emmet County, Ia., in 1879.
24. A large piece of meteoric iron at Mazakil, Mex., 1885, November 27.
25. A shower of meteorites in Johnson County, Ark., in 1886.

To this list may be added those which fell at Bishopville, S. C., in 1843; at Cabarrus, N. C., in 1849; New Concord, O., in 1860, and at Amana, Ia., in 1875.

A meteorite weighing over a hundred pounds, and having a hole burned through it, is to be seen at the Smithsonian Institution, Washington, D. C. Large masses of meteoric iron weighing several tons have been found in Greenland and Mexico. The so-called meteoric iron differs both in chemical composition and molecular structure from that of terrestrial origin, and is therefore easily recognized. Since these bodies are nothing more nor less than small planets moving around the sun in independent orbits, they have planetary velocities, and by reason of the great resistance they encounter on entering our atmosphere, a portion of their kinetic energy is transformed into heat, which may be so intense as to completely or partially volatilize them, and therefore comparatively few of them ever reach the ground.

## The Galaxy or Milky Way.

DURING any clear night when the moon is absent a faint white band, somewhat irregular in breadth and intensity, can be seen extending obliquely across the sky. This girdling belt or band is commonly known as the Galaxy or Milky Way, from its whitish or milky appearance, and has been an object of study by astronomers from the remotest antiquity.

Disregarding slight deviations in its brightness, breadth, and direction, its course is that of a great circle inclined at an angle of about  $63^{\circ}$  to the celestial equator and cutting this circle in points whose right ascension are 6h. 47m. and 18h. 47m., and therefore its poles are situated in right ascension 12h. 47m. and declination  $27^{\circ}$  N., and right ascension 0h. 47m. and declination  $27^{\circ}$  S. At the point of nearest approach to the south pole, and where it is brightest, there is seen a dark, vacant space about  $8^{\circ}$  long by  $5^{\circ}$  broad, so conspicuous as to attract the notice of the most superficial observer; it is called by navigators the "Coal Sack." In it only one solitary star is visible to the naked eye, but it is by no means devoid of telescopic stars. Its striking blackness is probably due in part to the effect of contrast with the brilliant star-ground by which it is surrounded.

The brightness of the Milky Way in this neighborhood is very striking compared with that in its most northern course, and conveys the idea of greater proximity. This circumstance has led astronomers to believe that the visible heavens is in the form of a flat ring like a discus or quail, of immense and irregular breadth and thickness, within which we are eccentrically situated, nearer to the southern than to the northern portion.

It is absolutely impossible to give even a faint idea of the number of stars crowded together in this wonderful band.

More than 120,000 have passed across the field of view of a telescope in fifteen minutes. The total number is absolutely incalculable. Although composed of a vast assemblage of stars, there are about fifty vacant spaces wholly devoid of stars so far as we are at present able to determine. One of the most remarkable of these is situated in the constellation Sagittarius, in right ascension 17h. 57m. and declination  $27^{\circ} 51' S.$ , and therefore visible in our latitude.

Not even an approximate estimate can be made of the distance of the telescopic stars in the Milky Way. Their light has doubtless been many thousand, perhaps millions, of years travelling to us at the rate of 186,000 miles per second. Their distance is incalculable. If the universe of visible stars, to which our solar system belongs, and of which the Milky Way forms the outer edge or boundary, is of such prodigious dimensions, what must be the size and distance of the gaseous nebule—those island universes—which our large telescopes have revealed far beyond the confines of the Milky Way? The question cannot be answered; it is beyond human comprehension.

## High-Tide Tables.

FOR GOVERNOR'S ISLAND, NEW YORK HARBOR.

(Specially prepared from the Tide-Tables of the United States Coast and Geodetic Survey for THE WORLD ALMANAC.)

New York Mean Time. To express in Eastern Standard Time, subtract 4 minutes.

| 1903. | January. |       | February. |       | March. |       | April. |       | May.  |       | June. |       |
|-------|----------|-------|-----------|-------|--------|-------|--------|-------|-------|-------|-------|-------|
|       | A. M.    | P. M. | A. M.     | P. M. | A. M.  | P. M. | A. M.  | P. M. | A. M. | P. M. | A. M. | P. M. |
| 1     | H. M.    | H. M. | H. M.     | H. M. | H. M.  | H. M. | H. M.  | H. M. | H. M. | H. M. | H. M. | H. M. |
| 2     | 9 19     | 9 46  | 9 57      | 10 25 | 8 59   | 9 23  | 10 3   | 10 33 | 10 43 | 11 11 | H. M. | H. M. |
| 3     | 9 44     | 10 14 | 10 6      | 11 11 | 9 37   | 10 4  | 10 49  | 11 24 | 11 41 | 12 9  | 12 57 | 1 46  |
| 4     | 10 20    | 10 48 | 11 20     | ..... | 10 16  | 10 50 | 11 43  | ..... | 12 9  | 12 46 | 2 2   | 2 53  |
| 5     | 11 0     | 11 35 | 12 2      | 12 9  | 11 1   | 11 40 | 12 21  | 12 45 | 1 14  | 1 59  | 3 8   | 3 54  |
| 6     | 11 44    | ..... | 12 59     | 1 4   | 11 51  | 12 49 | 1 24   | 1 59  | 2 23  | 3 13  | 4 13  | 4 49  |
| 7     | 12 28    | 12 35 | 2 2       | 2 11  | 12 36  | 12 49 | 2 39   | 3 20  | 3 32  | 4 16  | 5 11  | 5 40  |
| 8     | 1 26     | 1 32  | 3 9       | 3 28  | 1 44   | 1 59  | 3 49   | 4 32  | 4 36  | 5 12  | 6 4   | 6 27  |
| 9     | 2 29     | 2 36  | 4 20      | 4 47  | 2 52   | 3 22  | 4 51   | 5 31  | 5 32  | 6 2   | 6 53  | 7 10  |
| 10    | 3 34     | 3 46  | 5 25      | 5 55  | 4 4    | 4 40  | 5 52   | 6 23  | 6 24  | 6 49  | 7 36  | 7 50  |
| 11    | 4 39     | 4 53  | 6 23      | 6 54  | 5 9    | 5 45  | 6 44   | 7 10  | 7 12  | 7 32  | 8 16  | 8 27  |
| 12    | 5 39     | 6 5   | 7 17      | 7 49  | 6 8    | 6 42  | 7 30   | 7 54  | 7 54  | 8 14  | 8 49  | 9 3   |
| 13    | 6 36     | 7 5   | 8 9       | 8 39  | 7 1    | 7 50  | 8 15   | 8 37  | 8 34  | 8 51  | 9 21  | 9 33  |
| 14    | 7 31     | 8 1   | 8 55      | 9 25  | 7 50   | 8 18  | 8 57   | 9 18  | 9 11  | 9 29  | 9 50  | 10 4  |
| 15    | 8 23     | 8 55  | 9 44      | 10 14 | 8 36   | 9 3   | 9 26   | 9 59  | 9 46  | 10 4  | 10 23 | 10 38 |
| 16    | 9 14     | 9 47  | 10 29     | 11 3  | 9 20   | 9 47  | 10 14  | 10 37 | 10 18 | 10 37 | 11 1  | 11 13 |
| 17    | 10 4     | 10 39 | 11 15     | 11 51 | 10 4   | 10 30 | 10 54  | 11 16 | 10 53 | 11 14 | 11 44 | 11 54 |
| 18    | 10 54    | 11 31 | 12 2      | 12 52 | 10 44  | 11 14 | 11 28  | 11 55 | 11 34 | 11 52 | ..... | 12 36 |
| 19    | 11 44    | 12 35 | 12 41     | 1 1   | 11 25  | 11 59 | 12 9   | 12 9  | 12 9  | 12 19 | 12 43 | 1 32  |
| 20    | 12 24    | 1 31  | 1 34      | 1 44  | 12 45  | 12 56 | 12 39  | 12 59 | 12 35 | 1 14  | 1 35  | 2 32  |
| 21    | 1 22     | 1 35  | 2 30      | 2 48  | 1 25   | 1 56  | 1 29   | 1 58  | 1 26  | 2 12  | 2 48  | 3 34  |
| 22    | 2 19     | 2 32  | 3 29      | 3 54  | 1 36   | 1 59  | 2 25   | 3 4   | 2 24  | 3 13  | 3 42  | 4 33  |
| 23    | 3 18     | 3 34  | 4 23      | 4 54  | 2 32   | 2 59  | 3 23   | 4 2   | 3 24  | 4 12  | 4 47  | 5 32  |
| 24    | 4 12     | 4 36  | 5 12      | 5 42  | 3 29   | 4 2   | 4 20   | 4 54  | 4 24  | 5 9   | 5 51  | 6 27  |
| 25    | 5 3      | 5 32  | 5 51      | 6 22  | 4 23   | 4 54  | 5 13   | 5 44  | 5 24  | 5 59  | 6 49  | 7 20  |
| 26    | 5 49     | 6 19  | 6 34      | 6 59  | 5 12   | 5 39  | 6 0    | 6 29  | 6 16  | 6 48  | 7 45  | 8 12  |
| 27    | 6 29     | 6 57  | 7 12      | 7 32  | 5 55   | 6 20  | 6 46   | 7 12  | 7 9   | 7 34  | 8 41  | 9 4   |
| 28    | 7 7      | 7 31  | 7 46      | 8 6   | 6 38   | 6 59  | 7 31   | 7 58  | 8     | 8 27  | 9 34  | 9 54  |
| 29    | 7 42     | 8 3   | 8 22      | 8 43  | 7 17   | 7 39  | 8 16   | 8 44  | 8 52  | 9 17  | 10 9  | 10 46 |
| 30    | 8 14     | 8 33  | .....     | ..... | 7 56   | 8 19  | 9 4    | 9 30  | 9 44  | 10 8  | 11 24 | 11 39 |
| 31    | 8 48     | 9 7   | .....     | ..... | 8 37   | 9 1   | 9 52   | 10 19 | 10 19 | 11 1  | ..... | 12 22 |
|       | 9 22     | 9 44  | .....     | ..... | 9 18   | 9 46  | .....  | ..... | 11 38 | 11 57 | ..... | ..... |

| 1903. | July. |       | August. |       | September. |       | October. |       | November. |       | December. |       |
|-------|-------|-------|---------|-------|------------|-------|----------|-------|-----------|-------|-----------|-------|
|       | A. M. | P. M. | A. M.   | P. M. | A. M.      | P. M. | A. M.    | P. M. | A. M.     | P. M. | A. M.     | P. M. |
| 1     | H. M. | H. M. | H. M.   | H. M. | H. M.      | H. M. | H. M.    | H. M. | H. M.     | H. M. | H. M.     | H. M. |
| 2     | 12 35 | 1 22  | 2 4     | 2 7   | 3 44       | 4 9   | 4 1      | 4 14  | 4 41      | 4 53  | 4 44      | 4 54  |
| 3     | 1 35  | 2 24  | 3 13    | 3 50  | 4 46       | 5 1   | 4 51     | 5 3   | 5 26      | 5 41  | 5 36      | 5 50  |
| 4     | 2 38  | 3 24  | 4 18    | 4 40  | 5 36       | 5 46  | 5 33     | 5 44  | 6 10      | 6 27  | 6 25      | 6 43  |
| 5     | 3 46  | 4 21  | 5 18    | 5 34  | 6 18       | 6 26  | 6 11     | 6 21  | 6 52      | 7 7   | 7 14      | 7 24  |
| 6     | 4 46  | 5 14  | 6 18    | 6 39  | 7 2        | 7 35  | 6 16     | 6 7   | 7 36      | 7 54  | 7 4       | 7 34  |
| 7     | 5 42  | 6 2   | 6 51    | 7 35  | 7 24       | 8 6   | 7 23     | 7 37  | 8 19      | 8 37  | 8 51      | 9 16  |
| 8     | 6 33  | 6 46  | 7 29    | 7 35  | 8 16       | 8 41  | 7 59     | 8 15  | 9 4       | 9 24  | 9 40      | 10 8  |
| 9     | 7 16  | 7 16  | 7 58    | 8 3   | 7 58       | 8 41  | 8 40     | 8 54  | 9 52      | 10 14 | 10 31     | 11 4  |
| 10    | 7 54  | 8 1   | 8 26    | 8 37  | 9 4        | 9 18  | 9 21     | 9 36  | 10 41     | 11 8  | 11 24     | 11 4  |
| 11    | 8 16  | 8 34  | 8 55    | 9 8   | 9 42       | 9 54  | 10 4     | 10 21 | 11 34     | 12 4  | 12 2      | 12 22 |
| 12    | 8 55  | 9 5   | 9 29    | 9 40  | 10 24      | 10 34 | 10 54    | 11 11 | 12 7      | 12 34 | 1 8       | 1 23  |
| 13    | 9 24  | 9 36  | 10 4    | 10 15 | 11 11      | 11 22 | 11 47    | 12 1  | 1 16      | 1 39  | 2 12      | 2 28  |
| 14    | 9 55  | 10 7  | 10 42   | 10 56 | 12         | 12 4  | 12 8     | 12 46 | 2 29      | 2 49  | 3 17      | 3 35  |
| 15    | 10 33 | 10 41 | 11 34   | 11 41 | 12 15      | 1 3   | 1 14     | 1 54  | 3 37      | 3 56  | 4 17      | 4 39  |
| 16    | 11 14 | 11 23 | 12 26   | 1 19  | 2 10       | 2 34  | 3 8      | 4 38  | 4 59      | 5 12  | 5 37      | 5 57  |
| 17    | ..... | 12 3  | 12 32   | 1 25  | 2 36       | 3 24  | 3 52     | 4 16  | 5 32      | 5 4   | 6 3       | 6 29  |
| 18    | 12 8  | 12 56 | 1 34    | 2 32  | 3 59       | 4 34  | 4 55     | 5 19  | 6 22      | 6 46  | 6 49      | 7 18  |
| 19    | 1 2   | 1 56  | 2 45    | 3 43  | 5 9        | 5 35  | 5 52     | 6 14  | 7 9       | 7 34  | 7 34      | 8 2   |
| 20    | 2 0   | 3 0   | 4 5     | 4 51  | 6 9        | 6 32  | 6 42     | 7 4   | 7 54      | 8 18  | 8 14      | 8 42  |
| 21    | 3 9   | 4 5   | 5 21    | 5 52  | 7 2        | 7 29  | 7 52     | 8 35  | 8 59      | 8 51  | 8 51      | 9 18  |
| 22    | 4 21  | 5 9   | 6 24    | 6 49  | 7 50       | 8 12  | 8 14     | 8 37  | 9 15      | 9 39  | 9 26      | 9 49  |
| 23    | 5 34  | 6 9   | 7 19    | 7 42  | 8 37       | 8 59  | 8 59     | 9 20  | 9 54      | 10 18 | 9 59      | 10 21 |
| 24    | 6 36  | 7 4   | 8 10    | 8 32  | 9 24       | 9 44  | 9 41     | 10 3  | 10 32     | 10 54 | 10 31     | 10 55 |
| 25    | 7 34  | 7 59  | 9 0     | 9 9   | 10 9       | 10 28 | 10 24    | 10 44 | 11 8      | 11 32 | 11 5      | 11 35 |
| 26    | 8 27  | 8 49  | 9 49    | 10 6  | 10 54      | 11 14 | 11 6     | 11 28 | 11 46     | 12 1  | 11 40     | 12 1  |
| 27    | 9 19  | 9 38  | 10 39   | 10 3  | 11 42      | 11 59 | 11 49    | 12 14 | 12 14     | 12 28 | 12 19     | 12 23 |
| 28    | 10 11 | 10 28 | 11 26   | 11 42 | .....      | 12 31 | 12 13    | 12 33 | 1 4       | 1 10  | 1 9       | 1 18  |
| 29    | 11 3  | 11 18 | .....   | 12 18 | 12 52      | 1 24  | 1 2      | 1 21  | 1 56      | 2 2   | 2 5       | 2 3   |
| 30    | 11 55 | ..... | 12 33   | 1 12  | 1 53       | 2 20  | 2 0      | 2 14  | 2 54      | 2 59  | 3 5       | 3 10  |
| 31    | 12 9  | 12 51 | 1 29    | 2 9   | 2 59       | 3 19  | 2 59     | 3 9   | 3 49      | 3 56  | 4 5       | 4 11  |
|       | 1 4   | 1 50  | 2 34    | 3 10  | .....      | ..... | 3 54     | 4 4   | .....     | ..... | 5 4       | 5 19  |

HIGH-TIDE TABLES—*Continued*.

TIME OF HIGH WATER AT POINTS ON THE ATLANTIC COAST.

The local time of high water at the following places may be found approximately for each day by adding to or subtracting from the time of high water at Governor's Island, N. Y., the hours and minutes annexed.

|                                        | H.   | M.    |                                   | H.   | M.   |
|----------------------------------------|------|-------|-----------------------------------|------|------|
| Albany, N. Y.....                      | add  | 9 31  | New Haven, Ct.....                | add  | 3 1  |
| Annapolis, Md.....                     |      | 8 57  | New London, Ct.....               | add  | 1 22 |
| Atlantic City, N. J.....               | sub. | 20    | Newport, R. I.....                | sub. | 58   |
| Baltimore, Md.....                     | add  | 10 52 | Norfolk, Va.....                  | add  | 58   |
| Bar Harbor, Me.....                    | add  | 2 46  | Norwich, Ct.....                  | add  | 2 0  |
| Beaufort, S. C.....                    | sub. | 8     | Old Point Comfort, Va.....        | add  | 39   |
| Block Island, R. I.....                | sub. | 34    | Philadelphia, Pa.....             | add  | 5 41 |
| Boston, Mass.....                      | add  | 3 22  | Plymouth, Mass.....               | add  | 3 12 |
| Bridgeport, Ct.....                    | add  | 3 2   | Point Lookout, Md.....            | add  | 4 49 |
| Bristol, R. I.....                     | sub. | 14    | Portland, Me.....                 | add  | 3 10 |
| Cape May, N. J.....                    | add  | 10    | Portsmouth, N. H.....             | add  | 3 16 |
| Charleston, S. C.....                  | sub. | 3 42  | Poughkeepsie, N. Y.....           | add  | 3 51 |
| Eastport, Me.....                      | add  | 3 0   | Providence, R. I.....             | add  | 7    |
| Fernandina, Fla.....                   | sub. | 18    | Richmond, Va.....                 | add  | 8 48 |
| Glooucester, Mass.....                 | add  | 2 55  | Rockaway Inlet, N. Y.....         | sub. | 25   |
| Hell Gate Ferry, East River, N. Y..... | add  | 1 53  | Rockland, Me.....                 | add  | 3 1  |
| Isles of Shoals, N. H.....             | add  | 3 11  | Rockport, Mass.....               | add  | 2 50 |
| Jacksonville, Fla.....                 | add  | 1 37  | Salem, Mass.....                  | add  | 3 9  |
| Key West, Fla.....                     | add  | 1 24  | Sandy Hook, N. J.....             | sub. | 32   |
| League Island, Pa.....                 | add  | 5 23  | Savannah, Ga.....                 | add  | 3 7  |
| Marblehead, Mass.....                  | add  | 3 2   | Southport (Smithville), N. C..... | sub. | 43   |
| Nahant, Mass.....                      | add  | 3 2   | Vineyard Haven, Mass.....         | add  | 3 36 |
| Nantucket, Mass.....                   | add  | 4 21  | Washington, D. C.....             | add  | 12 1 |
| Newark, N. J.....                      | add  | 54    | Watch Hill, R. I.....             | add  | 42   |
| New Bedford, Mass.....                 | sub. | 10    | West Point, N. Y.....             | add  | 2 47 |
| Newburyport, Mass.....                 | add  | 3 16  | Wilmington, N. C.....             | add  | 1 0  |

EXAMPLE.—To find the approximate time of high tide at Atlantic City, N. J., on any day, find first the time of high water at New York under the desired date, and then subtract 20 minutes, as in the above table; the result is the time of high water required.

Greatest Altitude in Each State.

FROM THE RECORDS OF THE UNITED STATES GEOLOGICAL SURVEY.

| STATE OR TERRITORY.   | Name of Place.             | Height Feet. | STATE OR TERRITORY. | Name of Place.                | Height Feet. |
|-----------------------|----------------------------|--------------|---------------------|-------------------------------|--------------|
| Alabama.....          | Cheaha Mt. (Talladega Co.) | 2,407        | Montana.....        | Mt. Douglas.....              | 11,300       |
| Alaska.....           | Mt. McKinley.....          | 20,464       | Nebraska.....       | White River Summit.....       | 4,876        |
| Arizona.....          | San Francisco Mt.....      | 12,794       | Nevada.....         | Wheeler Peak.....             | 13,036       |
| Arkansas.....         | Magazine Mt.....           | 2,800        | N. Hampshire.....   | Mt. Washington.....           | 6,286        |
| California.....       | Mt. Whitney.....           | 14,898       | New Jersey.....     | Kittatiny Mt.....             | 1,630        |
| Colorado.....         | Blanca Peak.....           | 14,464       | New Mexico.....     | Cerro Blanco.....             | 14,269       |
| Connecticut.....      | Bear Mt.....               | 2,355        | New York.....       | Mt. Marcy (Adirondack).....   | 5,344        |
| Delaware.....         | Dupont.....                | 282          | North Carolina..... | Mt. Mitchell.....             | 6,703        |
| D. of Columbia.....   | Tenley.....                | 400          | North Dakota.....   | Sentinel Butte.....           | 2,707        |
| Florida.....          | Mossyhead.....             | 263          | Ohio.....           | Ontario.....                  | 1,376        |
| Georgia.....          | Enota Mt.....              | 4,798        | Oklahoma.....       |                               |              |
| Idaho.....            | Hyndman Peak.....          | 12,073       | Oregon.....         | Mt. Hood.....                 | 11,225       |
| Illinois.....         | Warren.....                | 1,009        | Pennsylvania.....   | Bald Knob.....                | 2,994        |
| Indiana.....          | Haley.....                 | 1,140        | Rhode Island.....   | Durfee Hill.....              | 805          |
| Indian Territory..... | Sugarloaf.....             | 2,600        | South Carolina..... | Rocky Mt. (Pickens Co.).....  | 3,600        |
| Iowa.....             | Ocheyedan.....             | 1,554        | South Dakota.....   | Harney Peak.....              | 7,368        |
| Kansas.....           | Kanorado.....              | 3,906        | Tennessee.....      | Mt. Leconte.....              | 6,612        |
| Kentucky.....         | Big Black Mt. (Harlan Co.) | 4,100        | Texas.....          | Chinati.....                  | 7,730        |
| Louisiana.....        | Mansfield.....             | 321          | Utah.....           | Mt. Emmons.....               | 13,694       |
| Maine.....            | Katahdin Mt.....           | 5,200        | Vermont.....        | Mt. Mansfield.....            | 4,430        |
| Maryland.....         | Great Backbone Mt.....     | 3,400        | Virginia.....       | Mt. Rogers (Grayson Co.)..... | 5,719        |
| Massachusetts.....    | Mt. Greylock.....          | 3,535        | Washington.....     | Mt. Rainier.....              | 14,500       |
| Michigan.....         | Porcupine Mt.....          | 2,023        | West Virginia.....  | Spruce Mt. (Pendleton Co.)    | 4,860        |
| Minnesota.....        | Mesabi Range.....          | 2,000        | Wisconsin.....      | Summit Lake.....              | 1,732        |
| Mississippi.....      | Pontotoc Ridge.....        | 546          | Wyoming.....        | Frémont Peak.....             | 13,790       |
| Missouri.....         | Cedar Gap.....             | 1,675        |                     |                               |              |

NOTE.—The above table was prepared for THE WORLD ALMANAC by the Geographic Branch of the United States Geological Survey. It should be stated in connection with this table that it presents only points whose heights are matters of record, and that in several cases in the high mountain region of the far West and the Pacific Slope it is well known that there are higher points within the State or Territory whose heights are not yet known with accuracy, and consequently cannot be given.

This table was revised by the United States Geological Survey to November 1, 1902.

\* Western end of Beaver County, Oklahoma, reaches 5,000 feet elevation.

## Races of Mankind.

The following is compiled from the arrangement by the Ethnologist Figuiet and others:

|                     |   | WHITE RACE.                              |                                                                                      |
|---------------------|---|------------------------------------------|--------------------------------------------------------------------------------------|
| European Branch.    | { | Teutonic Family.....                     | Scandinavians, Germans, English.                                                     |
|                     |   | Latin Family.....                        | French, Spaniards, Italians, Moldo-Wallachians.                                      |
|                     |   | Slavonian Family.....                    | Russians, Finns, Bulgarians, Servians, Magyars, Croats, Tchecks, Poles, Lithuanians. |
|                     |   | Greek Family.....                        | Greeks, Albanians.                                                                   |
| Aramean Branch.     | { | Libyan Family.....                       | Egyptians, Berbers.                                                                  |
|                     |   | Semitic Family.....                      | Arabs, Jews, Syrians.                                                                |
|                     |   | Persian Family.....                      | Persians, Afghans, Kurds, Armenians, Ossetines.                                      |
|                     |   | Georgian Family.....                     | Georgians.                                                                           |
| Hyperborean Branch. | { | Circassian Family.....                   | Circassians, Mingrelians.                                                            |
|                     |   | YELLOW RACE.                             |                                                                                      |
| Mongolian Branch.   | { | Lapp Family.....                         | Samoiede, Kamtschadale, Esquimaux, Tenissian, Jukaghilrite and Koriak Families.      |
|                     |   | Mongol Family.....                       | Mongols, Kalmucks, Buriats.                                                          |
| Sinaic Branch.      | { | Tunguse Family.....                      | Tunguses, Manchus.                                                                   |
|                     |   | Turk Family.....                         | Turcomans, Kirghis, Nogays, Osmanlis.                                                |
|                     |   | Yakut Family.....                        | Yakuts.                                                                              |
|                     |   | Chinese Family.....                      | Chinese.                                                                             |
| Hindoo Branch.      | { | Japanese Family.....                     | Japanese.                                                                            |
|                     |   | Indo-Chinese Family.....                 | Burmese, Siamese.                                                                    |
|                     |   | BROWN RACE.                              |                                                                                      |
| Ethiopian Branch.   | { | Hindoo Family.....                       | Sikhs, Jats, Rajpoots, Mahrattas, Bengalese, Cingalese.                              |
|                     |   | Malabar Family.....                      | Malabars, Tamals, Tellingas.                                                         |
| Malay Branch.       | { | Abyssinian Family.....                   | Abyssinians, Berabras, Gallias.                                                      |
|                     |   | Fellan Family.....                       | Fellans.                                                                             |
| Southern Branch.    | { | Malay Family.....                        | Malays, Javanese, Battas, Bougis, Maccassars, Dyaks, Togals.                         |
|                     |   | Polynesian Family.....                   | Maoris, Tongas, Tahitians, Pomotouans, Marquesaus, Sandwichians.                     |
| Northern Branch.    | { | Micronesian Family.....                  | Ladrone, Caroline, and Mulgrave Islanders.                                           |
|                     |   | RED RACE.                                |                                                                                      |
| Southern Branch.    | { | Andian Family.....                       | Quichuas (or Incas), Antis, Andians, Araucanians.                                    |
|                     |   | Guaranil Family.....                     | Patagonians, Puelches, Charruas, Tobas, Moxas, Abipous, Etc.                         |
| Northern Branch.    | { | Guaranil Family.....                     | Guaranis, Bocotndos.                                                                 |
|                     |   | Northeastern Family.....                 | Aztecs, Mayas, Lencas, Othomis, Tarascas, Etc.                                       |
| Western Branch.     | { | Northwestern Family.....                 | Cherokees, Hurons, Iroquois, Sioux, Apaches, Comanches, Creeks, Etc.                 |
|                     |   | Chinooks, Digger Indians, Nootkans, Etc. |                                                                                      |
|                     |   | BLACK RACE.                              |                                                                                      |
| Eastern Branch.     | { | Caffre Family.....                       |                                                                                      |
|                     |   | Hottentot Family.....                    |                                                                                      |
| Eastern Branch.     | { | Negro Family.....                        |                                                                                      |
|                     |   | Papuan Family.....                       | Fijians, New Caledonians, Etc.                                                       |
| Eastern Branch.     | { | Andaman Family.....                      | Andamans, Australians.                                                               |

## Specific Gravity.\*

| Liquids.          |     | Timber.       |     | Sundries.      |     | Metals and Stones. |       |
|-------------------|-----|---------------|-----|----------------|-----|--------------------|-------|
| Water.....        | 100 | Cork.....     | 24  | Indigo.....    | 77  | Granite.....       | 2.78  |
| Sea-water.....    | 103 | Poplar.....   | 38  | Ice.....       | 92  | Diamond.....       | 3.53  |
| Dead Sea.....     | 124 | Fir.....      | 55  | Gunpowder..... | 93  | Cast iron.....     | 7.21  |
| Alcohol.....      | 84  | Cedar.....    | 61  | Butter.....    | 94  | Tin.....           | 7.29  |
| Turpentine.....   | 99  | Pear.....     | 66  | Clay.....      | 120 | Bar iron.....      | 7.79  |
| Wine.....         | 100 | Walnut.....   | 67  | Coal.....      | 130 | Steel.....         | 7.83  |
| Urine.....        | 101 | Cherry.....   | 72  | Opium.....     | 134 | Brass.....         | 8.40  |
| Cider.....        | 102 | Maple.....    | 75  | Honey.....     | 145 | Copper.....        | 8.95  |
| Beer.....         | 102 | Ash.....      | 84  | Ivory.....     | 183 | Silver.....        | 1.047 |
| Woman's milk..... | 102 | Beech.....    | 85  | Sulphur.....   | 203 | Lead.....          | 1.135 |
| Cow's ".....      | 103 | Mahogany..... | 106 | Marble.....    | 270 | Mercury.....       | 1.357 |
| Goat's ".....     | 104 | Oak.....      | 117 | Chalk.....     | 279 | Gold.....          | 1.926 |
| Porter.....       | 104 | Ebony.....    | 133 | Glass.....     | 289 | Platina.....       | 2.150 |

The weight of a cubic foot of distilled water at a temperature of 60° F. is 1,000 ounces Avoirdupois, very nearly, therefore the weight (in ounces, Avoirdupois) of a cubic foot of any of the substances in the above table is found by multiplying the specific gravities by 10, thus:—one cubic foot of oak weighs 1,170 ounces; one cubic foot of marble 2,700 ounces, and so on.

\* Compared with water.

## Freezing, Fusing, and Boiling Points.

| SUBSTANCES.                 | Reau-mur. | Centi-grade. | Fahren-heit. | SUBSTANCES.           | Reau-mur. | Centi-grade. | Fahren-heit. |
|-----------------------------|-----------|--------------|--------------|-----------------------|-----------|--------------|--------------|
| Bromine freezes at.....     | -17.6°    | -22°         | -7.6°        | Silver fuses at.....  | 800°      | 1,000°       | 1,832°       |
| Olive oil freezes at.....   | 8         | 10           | 50           | Sodium fuses at.....  | 76.5      | 95.6         | 204          |
| Quicksilver freezes at..... | -31.5     | -39.4        | -39          | Sulphur fuses at..... | 92        | 115          | 239          |
| Water freezes at.....       | 0         | 0            | 32           | Tin fuses at.....     | 182       | 228          | 442          |
| Rismuth metal fuses at..... | 211       | 264          | 507          | Zinc fuses at.....    | 329.6     | 412          | 778          |
| Copper fuses at.....        | 963       | 1,204        | 2,200        | Alcohol boils at..... | 63        | 74.4         | 167          |
| Gold fuses at.....          | 1,105     | 1,380        | 2,518        | Bromine boils at..... | 50        | 63           | 145          |
| Iron fuses at.....          | 1,230     | 1,588        | 2,800        | Ether boils at.....   | 28.4      | 35.5         | 96           |
| Lead fuses at.....          | 260       | 325          | 617          | Iodine boils at.....  | 140       | 175          | 347          |
| Potassium fuses at.....     | 50        | 62.5         | 144.5        | Water boils at.....   | 80        | 100          | 212          |

Authorities vary on some of these points. The best are given.

(Revised December, 1902, at the New York Post-Office, for THE WORLD ALMANAC.)

### DOMESTIC RATES OF POSTAGE.

ALL mailable matter for transmission by the United States mails within the United States is divided into four classes, under the following regulations. (Domestic rates apply to Canada, Mexico, Cuba, Tutuila, Porto Rico, Guam, Hawaii, and the Philippines.)

**First-Class Matter.**—This class includes letters, postal cards, "post cards," and anything sealed or otherwise closed against inspection, or anything containing writing not allowed as an accompaniment to printed matter under class three.

Rates of letter postage to any part of the United States, *two cents per ounce or fraction thereof.*

Rates on local or drop letters at free delivery offices, two cents per ounce or fraction thereof. At offices where there is no free delivery by carriers, one cent per ounce or fraction thereof.

Rates on **postal cards**, one cent (double or "reply" cards, two cents). Nothing must be added or attached to a postal card, except that a printed address slip not larger than 2 inches by  $\frac{3}{4}$  of an inch may be pasted on the address or message side. The addition of anything else subjects the card to letter postage. A card containing any threat, offensive dun, or any scurrilous or indecent communication will not be forwarded. Words on a postal card indicating the occupation of the addressee, used to better identify him, are regarded as a part of the address; anything more—as the repetition of the words on a postal card, etc., business or the several capacities in which the addressee serves, the various kinds of goods dealt in, and similar attempts at advertising—on the address side of the postal card is not regarded as a "proper description of the person," and will subject the postal card to the letter rate. Cards that have been spoiled in printing or otherwise will be redeemed from the original purchasers at 75 per cent of their face value, if unutilized.

"PRIVATE MAILING CARDS," "Post Cards," bearing written messages may be transmitted in the domestic mails at the rate of a cent apiece, stamps to be affixed by the sender; such cards to be sent openly in the mails.

1. To be entitled to the privileges of this act, the cards must conform to the following conditions:

(a) Each card must be an unfolded piece of cardboard, not exceeding the size fixed by the Convention of the Universal Postal Union (9 x 14 centimetres, which is approximately 3 9-16 by 5 9-16 inches) nor less than the minimum size of domestic postal cards (2 15-16 by 5 1/2 inches).

(b) The form of card and the quality and weight of paper used in its manufacture must be substantially that of the Government postal card of like size.

(c) They may be of any color which does not interfere with the legibility of the address and postmark.

(d) Each card must bear the words "Post Card" at the top of the address side, unobstructed by any other matter; said words to be placed thereon in conspicuous letters and in such manner as not to interfere with a perfectly distinct address and postmark.

(e) The address may be in writing, printing, or by means of a hand-stamp, or adhesive label of not more than  $\frac{3}{8}$  of an inch by 2 inches in size, and the sender may, in the same manner, place his name and address on the back or the face of the card. The message may be in writing or in print.

2. Cards conforming to the foregoing conditions are transmissible in the domestic mails (including the island possessions), and to places in Cuba, Canada, and Mexico, at the postage rate of one cent each, and in the mails of the Postal Union at the postage rate of two cents each, prepaid by stamps affixed.

3. Any card of foreign origin which, from its title in any language, appears to be a "Post Card" and conforms to the requirements of this order as to size, form, quality, and weight, shall be admissible to the mails (domestic or international) when prepaid in United States postage stamps.

4. When post cards are prepared by printers and stationers for sale, they should, in addition to conformity with the requirements of this order, also bear in the upper right-hand corner of the face an oblong diagram containing the words "Place postage stamp here," and across the bottom the words "This side for the address."

5. Advertisements and illustrations in any color may be printed upon either or both sides of a post card, provided they do not, when placed upon the face thereof, interfere with a perfectly distinct address and postmark.

6. The words "Post Card" are authorized only on cards which conform to the conditions prescribed by this order; other cards bearing these words or otherwise purporting to be issued under authority of the act of May 19, 1898, are unmailable as "post cards," and, whether the message be written or printed, are subject to postage at the letter rate.

7. The privilege given by the act is not intended to work a discontinuance of the Government postal cards. These will be issued and sold the same as heretofore; and in all correspondence will be designated "postal cards," to distinguish them from "post cards," provided for in this order.

Rates on specially delivered letters, ten cents on each letter in addition to the regular postage. This entitles the letter to immediate delivery by special messenger. Special delivery stamps are sold at post-offices, and must be affixed to such letters. An ordinary ten-cent stamp affixed to a letter will not entitle it to special delivery. The delivery, at carrier offices, extends to the limits of the carrier routes. At non-carrier offices it extends to one mile from the post-office. Postmasters are not obliged to deliver beyond these limits, and letters addressed to places beyond must await delivery in the usual way, notwithstanding the special delivery stamp.

Prepayment by stamps invariably required. Postage on all letters should be fully prepaid, but if prepaid one full rate and no more, they will be forwarded, and the amount of deficient postage collected on delivery; if wholly unpaid, or prepaid with less than one full rate and deposited at a post-office, the addressee will be notified to remit postage; and if he fails to do so, they will be sent to the Dead Letter Office; but they will be returned to the sender if he is located at the place of mailing, and if his address be printed or written upon them.

Letter rates are charged on all productions by the typewriter or manifold process, and on all printed imitations of typewriting or manuscript, unless such reproductions are presented at post-office windows in the minimum number of twenty identical copies separately addressed.

Letters (but no other class of mail matter) will be returned to the sender free, if a request to that effect is printed or written on the envelope. There is no limit of weight for first-class matter fully prepaid.

Prepaid letters will be reforwarded from one post-office to another upon the written request of the person addressed, without additional charge for postage. The direction on forwarded letters may be changed as many times as may be necessary to reach the person addressed.

**Second-Class Matter.**—This class includes all newspapers, periodicals, or matter exclusively in print and regularly issued at stated intervals as frequently as four times a year, from a known office of publication or news agency, to actual subscribers or news agents, and transient

newspapers and publications of this character mailed by persons other than publishers. Publications having the characteristics of books and such as are not subscribed for on account of their literary merits, but because of other inducements, are not eligible to second-class privileges. Also periodical publications of benevolent and fraternal societies, etc. This applies to all reports and the like made by officers of societies organized under the lodge system and having a membership of a thousand persons, and of the bulletins and proceedings of strictly professional, literary, historical, and scientific associations and institutions, trade unions, etc., provided only that these be published at stated intervals not less than four times a year, and that they be printed on and be bound in paper. Publishers who wish to avail themselves of the privileges of the act are required to make formal application to the department through the postmaster at the place of publication, producing satisfactory evidence that the organizations represented come within the purview of the law, and that the object of the publications is to further the objects and purposes of the organizations.

Rates of postage to publishers, *one cent a pound or fractional part thereof*, prepaid in currency. Publications designed primarily for advertising or free circulation, or not having a legitimate list of subscribers, are excluded from the pound rate, and pay third-class rates.

Second-class publications must possess legitimate subscription lists approximating 50 per cent of the number of copies regularly issued and circulated by mail or *otherwise*. Unless they do pound-rate privileges are revoked or withheld.

Whenever the general character and manner of issue of a periodical publication is changed in the interest of the publisher, or of advertisers or other persons, by the addition of unusual quantities of advertisements, or of matter different from that usually appearing in the publication, or calculated to give special prominence to some particular business or businesses, or otherwise—especially where large numbers of copies are circulated by or in the interest of particular persons—the second-class rates of postage will be denied that issue; and if there be repeated instances of such irregularities, the publication will be excluded from the mails as second-class matter.

Such "Christmas," "New Year's," and other special issues, including "Almanacs," as are excluded from second-class privileges by the terms above specified may be transmitted by mail only when prepaid by postage stamps at the rate applicable to third-class matter—one cent for each two ounces or fraction thereof.

Publications sent to actual subscribers in the county where published are free, unless mailed for local delivery at a letter-carrier office.

Rates of postage on transient newspapers, magazines, or periodicals, *one cent for each four ounces or fraction thereof*. It should be observed that the rate is one cent for each four ounces, not one cent for each paper contained in the same wrapper. This rate applies only when a complete copy is mailed. Parts of second-class publications or partial or incomplete copies are *third-class matter*. Second-class matter will be entitled to special delivery when special delivery ten-cent stamps are affixed in addition to the regular postage.

Transient second-class matter must be so wrapped as to enable the postmaster to inspect it. The sender's name and address may be written in them, but any other writing subjects the matter to letter postage. The name and address of the sender may also be written on the wrapper.

**Third-Class Matter.**—Mail matter of the third class includes printed books, pamphlets, engravings, circulars in print (or by the hectograph, electric-pen, or similar process when at least twenty identical copies, separately addressed, are mailed at post-office windows at one time), and other matter wholly in print, proof-sheets, corrected proof-sheets, and manuscript copy accompanying the same.

The rate on matter of this class is *one cent for each two ounces or fraction thereof*.

Manuscript unaccompanied by proof-sheets must pay letter rates.

Third-class matter must admit of easy inspection, otherwise it will be charged letter rates on delivery. It must be fully prepaid, or it will not be forwarded.

The limit of weight is four pounds, except single books in separate packages, on which the weight is not limited. It is entitled, like matter of the other classes, to special delivery when special delivery stamps are affixed in addition to the regular postage.

Upon matter of the third-class, or upon the wrapper or envelope inclosing the same, or the tag or label attached thereto, the sender may write his own name, occupation, and residence or business address, preceded by the word "from," and may make marks other than by written or printed words to call attention to any word or passage in the text, and may correct any typographical errors. There may be placed upon the blank leaves or cover of any book, or printed matter of the third-class, a simple manuscript dedication or inscription not of the nature of a personal correspondence. Upon the wrapper or envelope of third-class matter, or the tag or label attached thereto, may be printed any matter mailable as third-class, but there must be left on the address side a space sufficient for the legible address and necessary stamps.

**Fourth-Class Matter.**—Fourth-class matter is all mailable matter not included in the three preceding classes which is so prepared for mailing as to be easily withdrawn from the wrapper and examined. It embraces merchandise and samples of every description, and coin or specie.

Rate of postage, *one cent for each ounce or fraction thereof* (except seeds, roots, bulbs, cuttings, scions, and plants, the rate on which is *one cent for each two ounces or fraction thereof*). This matter must be fully prepaid, or it will not be forwarded. The affixing of special delivery ten-cent stamps in addition to the regular postage entitles fourth-class matter to special delivery. (See remarks under "first-class matter.")

Articles of this class that are liable to injure or deface the mails, such as glass, sugar, needles, nails, pens, etc., must be first wrapped in a bag, box, or open envelope and then secured in another outside tube or box, made of metal or hard wood, without sharp corners or edges, and having a sliding clasp or screw lid, thus securing the articles in a double package. The public should bear in mind that the first object of the department is to transport the mails safely, and every other interest is made subordinate.



Such articles as poisons, explosives, or inflammable articles, live animals, insects, or substances exhaling a bad odor will not be forwarded in any case.

Firearms may only be sent in detached parts.

The regulations respecting the mailing of liquids are as follows: Liquids, not ardent, vinous, spirituous, or malt, and not liable to explosion, spontaneous combustion, or ignition by shock or jar, and not inflammable (such as kerosene, naphtha, or turpentine), may be admitted to the mails for transportation within the United States. Samples of altar or communion wine are mailable. When in glass bottles or vials, such bottles or vials must be strong enough to stand the shock of handling in the mails, and must be inclosed in a metal, wooden, or papier-mache block or tube, not less than three-sixteenths of an inch thick in the thinnest part, strong enough to support the weight of mails piled in bags and resist rough handling; and there must be provided, between the bottle and said block or tube, a cushion of cotton, felt, or some other absorbent sufficient to protect the glass from shock in handling; the block or tube to be impervious to liquids, including oils, and closed by a tightly fitting lid or cover, so adjusted as to make the block or tube water tight and to prevent the leakage of the contents in case of breaking of the glass. When inclosed in a tin cylinder, metal case, or tube, such cylinder, case, or tube should have a lid or cover so secured as to make the case or tube water tight, and should be securely fastened in a wooden or papier-mache block (open only at one end), and not less in thickness and strength than above described. Manufacturers or dealers intending to transmit articles or samples in considerable quantities should submit a sample package, showing their mode of packing, to the postmaster at the mailing office, who will see that the conditions of this section are carefully observed. The limit of admissible liquids and oils is not exceeding four ounces, liquid measure.

Limit of weight of fourth-class matter (excepting liquids), four pounds.

The name and address of the sender, preceded by the word "from," also any marks, numbers, names, or letters for the purpose of description, such as prices, quantity, etc., may be written on the wrapper of fourth-class matter without additional postage charge. A request to the delivering postmaster may also be written asking him to notify the sender in case the package is not delivered.

**Registration.**—All kinds of postal matter may be registered at the rate of eight cents for each package in addition to the regular rates of postage, to be fully prepaid by stamps. Each package must bear the name and address of the sender, and a receipt will be returned from the person to whom addressed. Mail matter can be registered at all post-offices in the United States.

An indemnity—not to exceed \$25 for any one registered piece, or the actual value of the piece, if it is less than \$25—shall be paid for the loss of first-class registered matter.

**Domestic Money Orders.**—Domestic money orders are issued by money-order post-offices for any amount up to \$100, at the following rates:

For sums not exceeding \$2.50, 3 cents; over \$2.50 to \$5, 5 cents; over \$5 to \$10, 8 cents; over \$10 to \$20, 10 cents; over \$20 to \$30, 12 cents; over \$30 to \$40, 15 cents; over \$40 to \$50, 18 cents; over \$50 to \$60, 20 cents; over \$60 to \$75, 25 cents; over \$75 to \$100, 30 cents.

**Stamped Envelopes.**—Embossed stamped envelopes and newspaper wrappers of several denominations, sizes, and colors are kept on sale at post-offices, singly or in quantities, at a small advance on the postage rate. Stamps cut from stamped envelopes are valueless; but postmasters are authorized to give good stamps for stamped envelopes or newspaper wrappers that may be spoiled in directing, if presented in whole condition and with satisfactory evidence.

All matter concerning lotteries, gift concerns, or schemes devised to defraud the public, or for the purpose of obtaining money under false pretences, is denied transmission in the mails.

Applications for the establishment of post-offices should be addressed to the First Assistant Postmaster-General, accompanied by a statement of the necessity therefor. Instructions will then be given and blanks furnished to enable the petitioners to provide the department with the necessary information.

The franking privilege was abolished July 1, 1873, but the following mail matter may be sent free by legislative saving clauses, viz.:

1. All public documents printed by order of Congress, the Congressional Record and speeches contained therein, franked by Members of Congress, or the Secretary of the Senate, or Clerk of the House.

2. Seeds transmitted by the Secretary of Agriculture, or by any Member of Congress, procured from that Department.

3. Letters and packages relating exclusively to the business of the Government of the United States, mailed only by officers of the same, publications required to be mailed to the Librarian of Congress by the Copyright law, and letters and parcels mailed by the Smithsonian Institution. All these must be covered by specially printed "penalty" envelopes or labels.

4. The Vice-President, Members and Members-elect and Delegates and Delegates-elect to Congress may frank any mail matter, not over two ounces in weight, upon official or departmental business.

All communications to Government officers and to Members of Congress are required to be prepaid by stamps.

**Suggestions to the Public** (From the United States Official Postal Guide).—Mail all letters, etc., as early as practicable, especially when sent in large numbers, as is frequently the case with newspapers and circulars.

All mail matter at large post-offices is necessarily handled in great haste and should therefore in all cases be so PLAINLY addressed as to leave NO ROOM FOR DOUBT AND NO EXCUSE FOR ERROR on the part of postal employees. Names of States should be written in full (or their abbreviations very distinctly written) in order to prevent errors which arise from the similarity of such abbreviations as Cal., Col.; Pa., Va., Vt.; Me., Mo., Md.; Ioa., Ind.; N. H., N. M., N. Y., N. J., N. C., D. C.; Miss., Minn., Mass.; Nev., Neb.; Penn., Tenn., etc., when hastily or carelessly written. This is especially necessary in addressing mail matter to places of which the names are borne by several post-offices in different States.

Avoid as much as possible using envelopes made of flimsy paper, especially where more than one sheet of paper, or any other article than paper, is inclosed. Being often handled, and even in the mail-bags subject to pressure, such envelopes not infrequently split open, giving cause of complaint.

Never send money or any other article of value through the mail except either by means of a money order or in a registered letter. Any person who sends money or jewelry in an unregistered letter not only runs a risk of losing his property, but exposes to temptation every one through whose hands his letter passes, and may be the means of ultimately bringing some clerk or letter-carrier to ruin.

See that every letter or package bears the full name and post-office address of the writer, in order to secure the return of the letter, if the person to whom it is directed cannot be found. A much larger portion of the undelivered letters could be returned if the names and addresses of the senders were

always fully and plainly written or printed inside or on the envelopes. Persons who have large correspondence find it most convenient to use "special request envelopes;" but those who only mail an occasional letter can avoid much trouble by writing a request to "return if not delivered," etc., on the envelope.

When dropping a letter, newspaper, etc., into a street mailing-box, or into the receptacle at a post-office, always see that the packet falls into the box and does not stick in its passage; observe, also, particularly, whether the postage stamps remain securely in their places.

Postage stamps should be placed on the upper right-hand corner of the address side of all mail matter.

The street and number (or box number) should form a part of the address of all mail matter directed to cities. In most cities there are many persons, and even firms, bearing the same name. Before depositing any package or other article for mailing, the sender should assure himself that it is wrapped and packed in the manner prescribed by postal regulations; that it does not contain *unmailable* matter nor exceed the limit of size and weight as fixed by law; and that it is fully prepaid and properly addressed. The postage stamps on all mail matter are necessarily cancelled at once, and the value of those affixed to packages that are afterward discovered to be short-paid or otherwise unmailable is therefore liable to be lost to the senders.

It is unlawful to send an ordinary letter by express or otherwise outside of the mails unless it be inclosed in a Government-stamped envelope. It is also unlawful to inclose a letter in an express package unless it pertains wholly to the contents of the package.

It is forbidden by the regulations of the Post-Office Department for postmasters to give to any person information concerning the mail matter of another, or to disclose the name of a box-holder at a post-office.

Letters addressed to persons temporarily sojourning in a city where the Free Delivery System is in operation should be marked "Transient" or "General Delivery," if not addressed to a street and number or some other designated place of delivery.

Foreign books, etc., infringing United States copyright are *undeliverable* if received in foreign mails, or mailed here.

The foregoing rates, rules, and suggestions apply to postal matters in the United States.

## Foreign Mails.

### POSTAGE RATES AND CONDITIONS.

The rates of postage to all foreign countries and colonies (except Canada, Cuba, and Mexico) are as follows:

|                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                            |                                         |   |  |                                                                            |          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|-----------------------------------------|---|--|----------------------------------------------------------------------------|----------|
| Letters, per 15 grams ( $\frac{1}{2}$ ounce).....                                                                                                                                                                                                                                                                                                                                                                 | 5 cents.                                                                   |                                         |   |  |                                                                            |          |
| Postal cards, each.....                                                                                                                                                                                                                                                                                                                                                                                           | 2 cents.                                                                   |                                         |   |  |                                                                            |          |
| Newspapers and other printed matter, per 2 ounces.....                                                                                                                                                                                                                                                                                                                                                            | 1 cent.                                                                    |                                         |   |  |                                                                            |          |
| Commercial papers (such as legal and insurance papers, deeds, bills of lading, invoices, manuscript for publication, etc.).....                                                                                                                                                                                                                                                                                   | 5 cents.                                                                   |                                         |   |  |                                                                            |          |
| <table border="0" style="display: inline-table; vertical-align: middle;"> <tr> <td rowspan="2" style="font-size: 2em; vertical-align: middle;">{</td> <td>Packets not in excess of 10 ounces.....</td> <td rowspan="2" style="font-size: 2em; vertical-align: middle;">}</td> <td rowspan="2"></td> </tr> <tr> <td>Packets in excess of 10 ounces, for each 2 ounces or fraction thereof.....</td> </tr> </table> | {                                                                          | Packets not in excess of 10 ounces..... | } |  | Packets in excess of 10 ounces, for each 2 ounces or fraction thereof..... | 1 cent.  |
| {                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                            | Packets not in excess of 10 ounces..... |   |  | }                                                                          |          |
|                                                                                                                                                                                                                                                                                                                                                                                                                   | Packets in excess of 10 ounces, for each 2 ounces or fraction thereof..... |                                         |   |  |                                                                            |          |
| <table border="0" style="display: inline-table; vertical-align: middle;"> <tr> <td rowspan="2" style="font-size: 2em; vertical-align: middle;">{</td> <td>Packets not in excess of 4 ounces.....</td> <td rowspan="2" style="font-size: 2em; vertical-align: middle;">}</td> <td rowspan="2"></td> </tr> <tr> <td>Packets in excess of 4 ounces, for each 2 ounces or fraction thereof</td> </tr> </table>        | {                                                                          | Packets not in excess of 4 ounces.....  | } |  | Packets in excess of 4 ounces, for each 2 ounces or fraction thereof       | 2 cents. |
| {                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                            | Packets not in excess of 4 ounces.....  |   |  | }                                                                          |          |
|                                                                                                                                                                                                                                                                                                                                                                                                                   | Packets in excess of 4 ounces, for each 2 ounces or fraction thereof       |                                         |   |  |                                                                            |          |
| Samples of merchandise.....                                                                                                                                                                                                                                                                                                                                                                                       | 1 cent.                                                                    |                                         |   |  |                                                                            |          |
| Registration fee on letters or other articles.....                                                                                                                                                                                                                                                                                                                                                                | 8 cents.                                                                   |                                         |   |  |                                                                            |          |

On printed matter and commercial papers the limit of weight is 4 pounds 6 ounces, except that single volumes of books to Salvador, Canada, Mexico, Cuba are unrestricted as to weight. Size—The limit of size is 18 inches in any one direction, except that printed matter or commercial papers in rolls may be 30 inches long by 4 inches in diameter.

Ordinary letters for countries of the Postal Union (except Canada and Mexico) will be forwarded, whether any postage is prepaid on them or not. All other mailable matter must be prepaid at least partially. Domestic rates apply to Porto Rico, Guam, Philippine Islands, Cuba, Tutuila, and Hawaii.

### CANADA.

|                                                             |          |
|-------------------------------------------------------------|----------|
| Letters, per ounce, prepayment compulsory.....              | 2 cents. |
| Postal cards, each.....                                     | 1 cent.  |
| Newspapers, per 4 ounces.....                               | 1 cent.  |
| Merchandise, not exceeding 4 pounds 6 ounces.....           | 1 cent.  |
| Commercial papers, same as to other Postal Union countries. |          |
| Registration fee.....                                       | 8 cents. |

Any article of correspondence may be registered. Packages of merchandise are subject to the regulations of either country to prevent violations of the revenue laws; must not be closed against inspection, and must be so wrapped and inclosed as to be easily examined. Samples must not exceed 12 ounces in weight. No sealed packages other than letters in their usual and ordinary form may be sent by mail to Canada.

### SHANGHAI, CHINA.

Articles addressed for delivery at the following places in China, viz.:

|                     |            |           |                     |
|---------------------|------------|-----------|---------------------|
| Cheefoo, or Yental, | Iehang,    | Ningpo,   | Tien-Tsin,          |
| Chin Kiang,         | Kaiping,   | Ourga,    | Wenchiow,           |
| Chung Kiang,        | Kaigan,    | Peking,   | Wuchang,            |
| Foochow,            | Khiukiang, | Shanghai, | Wuhn,               |
| Hung Chow           | Nanking,   | Taku,     | Yental, or Cheefoo, |
| Hankow              | Newchwang, |           |                     |

are transmissible in the mails for the United States Postal Agency at Shanghai, but at places other than Shanghai additional charges may be levied on delivery.

Mails for and via United States Postal Agency at Shanghai go at domestic rates and conditions, except letters (5 cents) and postal cards (2 cents). Samples of merchandise (must not exceed 12 ounces), 1 cent for each 2 ounces or fraction. Sealed packages prohibited.

### MEXICO.

Letters, newspapers, and printed matter are now carried between the United States and Mexico at same rates as in the United States. Samples, 2 cents for first 4 ounces, and 1 cent for each additional 2 ounces; limit of weight, 12 ounces. Merchandise other than samples may only be sent by Parcels Post. No sealed packages other than letters in their usual and ordinary form may be sent by mail to Mexico, nor any package over 4 pounds 6 ounces in weight.

## FOREIGN MAILS—Continued.

## SAMPLES.

Packets of samples of merchandise are admissible up to 12 ounces in weight, and the following dimensions apply to all Postal Union countries: 12 inches in length, 8 inches in width, and 4 inches in depth, or if they are in the form of a roll, 12 inches in length and 6 inches in diameter. Merchandise of salable value and goods not in execution of orders, or as gifts, must be paid at full letter rate.

## PARCELS POST.

Unsealed packages of mailable merchandise may be sent by Parcels Post to Jamaica (including Turk's Island), Barbadoes, the Bahamas, British Honduras, Mexico, the Leeward Islands, the Republic of Colombia, Costa Rica, Salvador, British Guiana, Danish West Indies (St. Thomas, St. Croix, and St. John) and the Windward Islands (St. Lucia, St. Vincent, Grenada, and the Grenadines), Trinidad, including Tobago, Venezuela, Bolivia, and Chile (20 cents per pound), Newfoundland, Honduras (Republic of), Germany, New Zealand, Nicaragua, Bolivia, and Guatemala, at the following postage rate: For a parcel not exceeding one pound in weight, 12 cents; for each additional pound or fraction thereof, 12 cents. The maximum weight allowed is eleven pounds—the extreme dimensions allowed for Mexico, Costa Rica, and Colombia being two feet length by four feet girth, and for the other countries not more than three feet six inches in length, nor more than six feet in length and girth combined. Parcels must be wrapped so as to permit their contents to be easily examined by postmasters. Poisonous, explosive, and inflammable substances are excluded. Parcels may be registered for 8 cents each to any of the above places, except Barbadoes.

A Customs declaration (furnished on application at any post-office) must be attached to any Parcels-Post package. Parcels for Salvador must have two declarations, and parcels for Venezuela three declarations attached.

*Rates and conditions to countries not in the Universal Postal Union are now the same as those to Universal Postal Union countries.*

## GENERAL REGULATIONS RESPECTING FOREIGN MAILS.

Postage can be prepaid upon articles only by means of the postage stamps of the country in which the articles are mailed. Hence articles mailed in one country addressed to another country which bear postage stamps of the country to which they are addressed are treated as if they had no postage stamps attached to them.

Unpaid letters received from the Postal Union are chargeable with 10 cents per 15 grams ( $\frac{3}{8}$  ounce). Insufficiently prepaid correspondence of all kinds is chargeable with double the amount of the deficient postage.

Matter to be sent in the mails at less than letter rates must be so wrapped that it can be readily examined at the office of delivery, as well as the mailing office, without destroying the wrapper.

Newspapers and periodicals sent in the mails to foreign countries other than those of the Postal Union should be wrapped singly. Those sent by publishers to regular subscribers in Canada, Cuba, and Mexico are transmissible as in domestic mails, except that packages addressed to Mexico must not exceed 4 pounds 6 ounces in weight.

The United States two-cent postal card should be used for card correspondence with foreign countries (except Canada, Cuba, and Mexico, to which countries the one-cent card is transmissible), but where these cards cannot be obtained, it is allowable to use for this purpose the United States one-cent postal card with a one-cent United States adhesive postage stamp attached thereto. Private cards can now be used if conforming in size, etc., to government cards, and bearing words "Postal Card—Carte Postale."

Mail matter of all kinds received from any country of the Postal Union is required to be reforwarded at the request of the addressee, from one post-office to another, or to any foreign country embraced in the Postal Union, without additional charge for postage.

All articles prohibited from domestic mails are also excluded from circulation in the mails to and from foreign countries. Postal cards or letters addressed to go around the world will not be forwarded, being prohibited.

The act of March 3, 1883, imposes a duty of 25 per cent ad valorem on all printed matter not therein otherwise provided for, without regard to mode of importation. Under said act all printed matter, *except newspapers and periodicals*, and except printed matter other than books imported in the mails for personal use, is subject to the regular duty of 25 per cent ad valorem.

## FOREIGN (INTERNATIONAL) MONEY ORDERS.

There are now in operation postal conventions for the exchange of money orders between the United States and the following countries, viz.: Switzerland, Great Britain and Ireland, Germany, France, Italy, Canada and Newfoundland, Jamaica, New South Wales, Victoria, New Zealand, Queensland, the Cape Colony, the Windward Islands, the Leeward Islands, Belgium, Portugal, Tasmania, Sweden, Norway, Japan, Denmark, Netherlands, Dutch East Indies, the Bahamas, Trinidad and Tobago, British Guiana, Republic of Honduras, Austria, Hungary, Hong Kong, Salvador, Bermuda, Luxembourg, South Australia, Cuba, Chile, British Honduras, Egypt, Finland, Korea, Greece, Bolivia, Mexico, and Russia.

Upon receiving an international money order from the issuing postmaster the remitter must send it, at his own cost, to the payee, if the latter resides in Canada, Great Britain and Ireland, Queensland, Cape Colony, France and Algeria, New Zealand, New South Wales, Victoria, Tasmania, Jamaica, Leeward and Windward Islands and Constantinople, Bahamas, Trinidad and Tobago, British Guiana, Hong Kong, Bermuda, South Australia, Cuba, and British Honduras.

But the order should be retained by the remitter if the intended beneficiary live in any of the following named countries: Germany, Switzerland, Austria, Hungary, Italy, Belgium, Portugal, Sweden, Norway, Denmark, British India, Egypt, Japan, Salvador, Luxembourg, Chile, Finland, and Korea, in which case it is of no value except as evidence of deposit of the sum therein mentioned. Another and different form of order will be forwarded to the payee by the exchange office in the country of payment.

The rates of commission or fees charged for the issue of all international money orders are as follows: For sums not exceeding \$10, 10 cents; over \$10 and not exceeding \$20, 20 cents; over \$20 and not exceeding \$30, 30 cents; over \$30 and not exceeding \$40, 40 cents; over \$40 and not exceeding \$50, 50 cents; over \$50 and not exceeding \$60, 60 cents; over \$60 and not exceeding \$70, 70 cents; over \$70 and not exceeding \$80, 80 cents; over \$80 and not exceeding \$90, 90 cents; over \$90 and not exceeding \$100, \$1.

*Domestic rates and regulations apply to money orders for Cuba, Hawaii, Porto Rico, and the Philippine Islands.*

### Postal Distances and Time from New York City.

As indicated by the Official Postal Guide, showing the distance by shortest routes and time in transit by fastest trains from New York City.

| CITIES IN UNITED STATES. |        |      | CITIES IN UNITED STATES. |        |     | CITIES IN UNITED STATES. |        |      |
|--------------------------|--------|------|--------------------------|--------|-----|--------------------------|--------|------|
| Miles.                   | Hours. |      | Miles.                   | Hours. |     | Miles.                   | Hours. |      |
| Albany, N. Y.....        | 142    | 3½   | Detroit, Mich.....       | 743    | 21  | Portland, Ore.....       | 3,181  | 114½ |
| Atlanta, Ga.....         | 882    | 24½  | Galveston, Tex.....      | 1,789  | 56½ | Prescott, Ariz.....      | 2,724  | 94   |
| Baltimore, Md.....       | 188    | 6    | Harrisburg, Pa.....      | 182    | 6   | Providence, R. I.....    | 189    | 6    |
| Bismarck, N. Dak..       | 1,738  | 60½  | Hartford, Ct.....        | 112    | 4   | Richmond, Va.....        | 344    | 11¼  |
| Boise, Idaho.....        | 2,736  | 92½  | Helena, Mont.....        | 2,423  | 89  | St. Louis, Mo.....       | 1,048  | 29   |
| Boston, Mass.....        | 217    | 7    | Hot Springs, Ark..       | 1,367  | 55  | St. Paul, Minn.....      | 1,390  | 37   |
| Buffalo, N. Y.....       | 410    | 11½  | Indianapolis, Ind..      | 808    | 23  | Salt Lake City, Utah.    | 2,452  | 71½  |
| Cape May, N. J.....      | 172    | 5½   | Jacksonville, Fla..      | 1,077  | 32  | Santa Francisco, Cal..   | 3,250  | 105  |
| Carson City, Nev..       | 3,036  | 109¼ | Kansas City, Mo.....     | 1,302  | 38½ | Santa Fe, N. Mex.....    | 2,173  | 82   |
| Charleston, S. C.....    | 804    | 21¼  | Louisville, Ky.....      | 1,183  | 40  | Savannah, Ga.....        | 905    | 26   |
| Chattanooga, Tenn.       | 853    | 32   | Memphis, Tenn.....       | 985    | 29½ | Topeka, Kan.....         | 3,209  | 127  |
| Cheyenne, Wyo.....       | 1,869  | 54   | Milwaukee, Wis.....      | 1,057  | 30½ | Trenton, N. J.....       | 1,370  | 48   |
| Chicago, Ill.....        | 900    | 25   | Montgomery, Ala..        | 327    | 10¼ | Vicksburg, Miss.....     | 1,288  | 50   |
| Cincinnati, O.....       | 744    | 23   | Montpelier, Vt.....      | 327    | 10¼ | Vinita, Ind. Ter.....    | 1,412  | 42   |
| Cleveland, O.....        | 588    | 19½  | New Orleans, La.....     | 1,344  | 40  | Washington, D. C.....    | 228    | 6½   |
| Columbus, O.....         | 624    | 20   | Omaha, Neb.....          | 1,383  | 43  | Wheeling, W. Va.....     | 496    | 14¼  |
| Concord, N. H.....       | 292    | 9½   | Philadelphia, Pa.....    | 90     | 3   | Wilmington, Del.....     | 117    | 5    |
| Deadwood, S. Dak..       | 1,987  | 65½  | Pittsburgh, Pa.....      | 431    | 13  | Wilmington, N. C.....    | 593    | 20   |
| Denver, Col.....         | 1,930  | 60½  | Portland, Me.....        | 325    | 13  |                          |        |      |
| Des Moines, Ia.....      | 1,257  | 37½  |                          |        |     |                          |        |      |

#### DISTANCES AND MAIL TIME TO FOREIGN CITIES FROM THE CITY OF NEW YORK.

| BY POSTAL ROUTE TO—                | Miles. | Days | BY POSTAL ROUTE TO—               | Miles. | Days |
|------------------------------------|--------|------|-----------------------------------|--------|------|
| Aделаide, via San Francisco.....   | 12,845 | 34   | Havana.....                       | 1,413  | 3    |
| Alexandria, via London.....        | 6,150  | 13   | Hong Kong, via San Francisco..... | 10,590 | 25   |
| Amsterdam, ".....                  | 3,985  | 9    | Honolulu.....                     | 5,645  | 13   |
| Antwerp, ".....                    | 4,000  | 9    | Liverpool.....                    | 3,540  | 8    |
| Athens, ".....                     | 5,655  | 12   | London, via Queenstown.....       | 3,740  | 8    |
| Bahia, Brazil.....                 | 5,870  | 21   | London, via Southampton.....      | 3,760  | 8    |
| Bangkok, Siam, via San Francisco.. | 12,990 | 43   | Madrid, via London.....           | 4,425  | 9    |
| Batavia, Java, via London.....     | 12,800 | 34   | Melbourne, via San Francisco..... | 12,265 | 32   |
| Berlin, via London.....            | 4,385  | 9    | Mexico City (railroad).....       | 3,750  | 5    |
| Bombay, ".....                     | 9,765  | 24   | Panama.....                       | 2,355  | 7    |
| Bremen, ".....                     | 4,235  | 8    | Paris.....                        | 4,020  | 8    |
| Buenos Ayres.....                  | 8,045  | 25   | Rio de Janeiro.....               | 5,030  | 9    |
| Calcutta, via London.....          | 11,120 | 26   | Rome, via London.....             | 3,935  | 9    |
| Cape Town, via London.....         | 5,310  | 11   | Rotterdam, via London.....        | 5,370  | 10   |
| Constantinople, via London.....    | 4,840  | 10   | St. Petersburg, via London.....   | 9,920  | 25   |
| Florence, ".....                   | 3,375  | 10   | Shanghai, via San Francisco.....  | 4,975  | 10   |
| Glasgow.....                       | 3,210  | 7    | Stockholm, via London.....        | 11,570 | 31   |
| Greytown, via New Orleans.....     | 6,645  | 2    | Sydney, via San Francisco.....    | 5,910  | 37   |
| Hallfax, N. S.....                 | 4,340  | 9    | Valparaiso, via Panama.....       | 4,740  | 10   |
| Hamburg, via London.....           | 4,820  | 9    | Vienna, via London.....           | 7,348  | 20   |
| Hamburg, direct.....               |        |      | Yokohama, via San Francisco.....  |        |      |

### Distances Between European Cities.

|                |  | LONDON                                                                 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
|----------------|--|------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|
|                |  | LIVERPOOL 202                                                          |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
|                |  | PARIS 489 297                                                          |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
|                |  | MADRID 908 1397 1195                                                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
|                |  | LISBON 415 1323 1812 1610                                              |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
|                |  | ANTWERP 1530 1119 211 472 270                                          |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
|                |  | HAMBURG 412 1804 1495 587 859 657                                      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
|                |  | BERLIN 178 497 1889 1582 674 948 746                                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
|                |  | BERNE 611 678 460 1602 1183 359 848 646                                |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
|                |  | TURIN 297 837 839 719 1506 1073 500 989 787                            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
|                |  | VIENNA 720 535 427 605 727 2157 1668 849 1182 980                      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
|                |  | MUNICH 266 470 295 401 579 522 1897 1477 582 970 768                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
|                |  | ROME 647 840 414 639 1048 1130 1033 1746 1223 907 1397 1195            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
|                |  | TRIESTE 510 487 370 391 533 888 1066 1009 1828 1416 863 1352 1150      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
|                |  | WARSAW 806 1276 702 436 1156 1021 398 576 895 2593 1925 1067 1557 1355 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
| CONSTANTINOPLE |  | 1205                                                                   | 1725 | 2138 | 1564 | 1298 | 2018 | 1883 | 1699 | 1903 | 2025 | 3245 | 2718 | 1899 | 2232 | 2030 |      |      |      |      |     |
| ODESSA         |  | 363                                                                    | 842  | 1330 | 1800 | 1226 | 960  | 1680 | 1545 | 1240 | 1418 | 1737 | 3117 | 2625 | 1760 | 2119 | 1917 |      |      |      |     |
| MOSCOW         |  | 950                                                                    | 1339 | 811  | 1617 | 2087 | 1613 | 1247 | 1967 | 1832 | 1209 | 1387 | 1706 | 3414 | 2904 | 1843 | 2117 | 1915 |      |      |     |
| ST. PETERSBURG |  | 406                                                                    | 1356 | 1743 | 693  | 1769 | 2239 | 1395 | 399  | 2119 | 1714 | 1091 | 1269 | 1588 | 3286 | 2874 | 1699 | 1976 | 1774 |      |     |
| STOCKHOLM      |  | 430                                                                    | 836  | 1510 | 2408 | 1082 | 1171 | 1731 | 1084 | 1110 | 1337 | 1176 | 685  | 580  | 993  | 2384 | 1972 | 1219 | 1491 | 1289 |     |
| COPENHAGEN     |  | 416                                                                    | 846  | 1252 | 1510 | 1510 | 668  | 1067 | 1318 | 671  | 697  | 1047 | 885  | 970  | 208  | 620  | 2012 | 1600 | 812  | 1181 | 979 |

## Metric System of Weights and Measures.

THE METRIC SYSTEM has been adopted by Mexico, Brazil, Chile, Peru, etc., and except Russia and Great Britain, where it is permissive, by all European nations. Various names of the preceding systems are, however, frequently used: In Germany,  $\frac{1}{2}$  kilogram = 1 pound; in Switzerland, 3-10 of a metre = 1 foot, etc. If the first letters of the prefixes *deka*, *hecto*, *kilo*, *myria*, from the Greek, and *deci*, *centi*, *milli*, from the Latin, are used in preference to our plain English, 10, 100, etc., it is best to employ capital letters for the multiples and small letters for the subdivisions, to avoid ambiguities in abbreviations: 1 dekametre or 10 metres = 1 Dm.; 1 decimetre or 1-10 of a metre = 1 dm.

The METRE, unit of length, is nearly the ten-millionth part of a quadrant of a meridian, of the distance between Equator and Pole. The International Standard Metre is, practically, nothing else but a length defined by the distance between two lines on a platinum-iridium bar at 0° Centigrade, deposited at the International Bureau of Weights and Measures, Paris, France.

The LITRE, unit of capacity, is derived from the weight of one kilogram pure water at greatest density, a cube whose edge is one-tenth of a metre and, therefore, the one-thousandth part of a metric ton.

The GRAM, unit of weight, is a cube of pure water at greatest density, whose edge is one-hundredth of a metre, and, therefore, the one-thousandth part of a kilogram, and the one-millionth part of a metric ton.

One silver dollar weighs 25 grams, 1 dime =  $2\frac{1}{2}$  grams, 1 five-cent nickel = 5 grams.

The Metric System was legalized in the United States on July 28, 1866, when Congress enacted as follows:

"The tables in the schedule hereto annexed shall be recognized in the construction of contracts, and in all legal proceedings, as establishing, in terms of the weights and measures now in use in the United States, the equivalents of the weights and measures expressed therein in terms of the metric system, and the tables may lawfully be used for computing, determining, and expressing in customary weights and measures the weights and measures of the metric system."

The following are the tables annexed to the above:

### MEASURES OF LENGTH.

| Metric Denominations and Values. | Equivalents in Denominations in Use.   |
|----------------------------------|----------------------------------------|
| Myriametre.....                  | 10,000 metres.                         |
| Kilometre.....                   | 1,000 metres.                          |
| Hectometre.....                  | 100 metres.                            |
| Dekametre.....                   | 10 metres.                             |
| Metre.....                       | 1 metre.                               |
| Decimetre.....                   | 1-10 of a metre.                       |
| Centimetre.....                  | 1-100 of a metre.                      |
| Millimetre.....                  | 1-1000 of a metre.                     |
|                                  | 6.2137 miles.                          |
|                                  | 0.62137 mile, or 3,280 feet 10 inches. |
|                                  | 328 feet 1 inch.                       |
|                                  | 393.7 inches.                          |
|                                  | 39.37 inches.                          |
|                                  | 3.937 inches.                          |
|                                  | 0.3937 inch.                           |
|                                  | 0.0394 inch.                           |

### MEASURES OF SURFACE.

| Metric Denominations and Values. | Equivalents in Denominations in Use. |
|----------------------------------|--------------------------------------|
| Hectare.....                     | 10,000 square metres.                |
| Are.....                         | 100 square metres.                   |
| Centiare.....                    | 1 square metre.                      |
|                                  | 2.471 acres.                         |
|                                  | 119.6 square yards.                  |
|                                  | 1,550 square inches.                 |

### MEASURES OF CAPACITY.

| METRIC DENOMINATIONS AND VALUES. |                   |                                | EQUIVALENTS IN DENOMINATIONS IN USE. |                         |
|----------------------------------|-------------------|--------------------------------|--------------------------------------|-------------------------|
| Names.                           | Number of Litres. | Cubic Measure.                 | Dry Measure.                         | Liquid or Wine Measure. |
| Kilolitre or stere.              | 1,000             | 1 cubic metre.....             | 1.308 cubic yards.....               | 264.17 gallons.         |
| Hectolitre.....                  | 100               | 1-10 of a cubic metre.....     | 2 bush, and 3.35 pecks...            | 26.417 gallons.         |
| Dekalitre.....                   | 10                | 10 cubic decimetres.....       | 9.08 quarts.....                     | 2.6417 gallons.         |
| Litre.....                       | 1                 | 1 cubic decimetre.....         | 0.908 quart.....                     | 1.0567 quarts.          |
| Decilitre.....                   | 1-10              | 1-10 of a cubic decimetre..... | 6.1022 cubic inches.....             | 0.845 gill.             |
| Centilitre.....                  | 1-100             | 10 cubic centimetres.....      | 0.6102 cubic inch.....               | 0.338 fluid ounce.      |
| Millilitre.....                  | 1-1000            | 1 cubic centimetre.....        | 0.061 cubic inch.....                | 0.27 fluid dram.        |

## METRIC SYSTEM—Continued.

## WEIGHTS.

| METRIC DENOMINATIONS AND VALUES. |                  |                                                      | EQUIVALENTS IN DENOMINATIONS IN USE. |         |
|----------------------------------|------------------|------------------------------------------------------|--------------------------------------|---------|
| Names.                           | Number of Grams. | Weight of What Quantity of Water at Maximum Density. | Avoirdupois Weight.                  |         |
| Miller or tonneau.....           | 1,000,000        | 1 cubic metre.....                                   | 2204.6                               | pounds. |
| Quintal.....                     | 100,000          | 1 hectolitre.....                                    | 220.46                               | pounds. |
| Myriagram.....                   | 10,000           | 10 litres.....                                       | 22.046                               | pounds. |
| Kilogram or kilo.....            | 1,000            | 1 litre.....                                         | 2.2046                               | pounds. |
| Hectogram.....                   | 100              | 1 decilitre.....                                     | 3.5274                               | ounces. |
| Dekagram.....                    | 10               | 10 cubic centimetres.....                            | 0.3527                               | ounce.  |
| Gram.....                        | 1                | 1 cubic centimetre.....                              | 15.432                               | grains. |
| Decigram.....                    | 1-10             | 1-10 of a cubic centimetre.....                      | 1.5432                               | grain.  |
| Centigram.....                   | 1-100            | 10 cubic millimetres.....                            | 0.1543                               | grain.  |
| Milligram.....                   | 1-1000           | 1 cubic millimetre.....                              | 0.0154                               | grain.  |

## TABLES FOR THE CONVERSION OF METRIC WEIGHTS AND MEASURES INTO CUSTOMARY UNITED STATES EQUIVALENTS AND THE REVERSE.

From the legal equivalents are deduced the following tables for converting United States weights and measures:

## METRIC TO CUSTOMARY.

## CUSTOMARY TO METRIC.

## LINEAR MEASURE.

| <i>Meters—Ins.</i> | <i>Meters—Feet.</i> | <i>Meters—Yards.</i> | <i>Kilometers—Miles.</i> | <i>Ins.—Centimetres.</i> | <i>Feet—Metres.</i> | <i>Yards—Metres.</i> | <i>Miles—Kilometers.</i> |
|--------------------|---------------------|----------------------|--------------------------|--------------------------|---------------------|----------------------|--------------------------|
| 1= 39.37           | 1= 3.28087          | 1= 1.093623          | 1= 0.62137               | 1= 2.54                  | 1= 0.304798         | 1= 0.914393          | 1= 1.60935               |
| 2= 78.74           | 2= 6.56174          | 2= 2.187246          | 2= 1.24274               | 2= 5.08                  | 2= 0.609596         | 2= 1.828787          | 2= 3.21869               |
| 3= 118.11          | 3= 9.84261          | 3= 3.280869          | 3= 1.86411               | 3= 7.62                  | 3= 0.914393         | 3= 2.743179          | 3= 4.82804               |
| 4= 157.48          | 4= 13.12348         | 4= 4.374492          | 4= 2.48548               | 4= 10.16                 | 4= 1.219191         | 4= 3.657574          | 4= 6.43739               |
| 5= 196.85          | 5= 16.40435         | 5= 5.468115          | 5= 3.10685               | 5= 12.70                 | 5= 1.523989         | 5= 4.571966          | 5= 8.04674               |
| 6= 236.22          | 6= 19.68522         | 6= 6.561738          | 6= 3.72822               | 6= 15.24                 | 6= 1.828787         | 6= 5.486358          | 6= 9.65608               |
| 7= 275.59          | 7= 22.96609         | 7= 7.655361          | 7= 4.34959               | 7= 17.78                 | 7= 2.153584         | 7= 6.400753          | 7= 11.26543              |
| 8= 314.96          | 8= 26.24696         | 8= 8.748984          | 8= 4.97096               | 8= 20.32                 | 8= 2.438382         | 8= 7.315148          | 8= 12.87478              |
| 9= 354.33          | 9= 29.52783         | 9= 9.842607          | 9= 5.59233               | 9= 22.86                 | 9= 2.743179         | 9= 8.229537          | 9= 14.48412              |

## SQUARE MEASURE.

## CUBIC MEASURE.

## SQUARE MEASURE.

| <i>Square Centimetres</i><br>= <i>Square Inches.</i> | <i>Square Meters</i><br>= <i>Square Yards.</i> | <i>Square Metres</i><br>= <i>Square Yards.</i> | <i>Cubic Metres</i><br>= <i>Cubic Feet.</i> | <i>Cubic Feet</i><br>= <i>Cubic Metres.</i> | <i>Square Inches</i><br>= <i>Square Centimetres</i> | <i>Square Feet</i><br>= <i>Square Metres.</i> | <i>Square Yards</i><br>= <i>Square Metres.</i> |
|------------------------------------------------------|------------------------------------------------|------------------------------------------------|---------------------------------------------|---------------------------------------------|-----------------------------------------------------|-----------------------------------------------|------------------------------------------------|
| 1= 0.155                                             | 1= 10.764                                      | 1= 1.196                                       | 1= 35.315                                   | 1= 0.02832                                  | 1= 6.452                                            | 1= 0.09290                                    | 1= 0.836                                       |
| 2= 0.310                                             | 2= 21.528                                      | 2= 2.392                                       | 2= 70.631                                   | 2= 0.05663                                  | 2= 12.903                                           | 2= 0.18581                                    | 2= 1.672                                       |
| 3= 0.465                                             | 3= 32.292                                      | 3= 3.588                                       | 3= 105.947                                  | 3= 0.08495                                  | 3= 19.354                                           | 3= 0.27871                                    | 3= 2.508                                       |
| 4= 0.620                                             | 4= 43.055                                      | 4= 4.784                                       | 4= 141.262                                  | 4= 0.11326                                  | 4= 25.806                                           | 4= 0.37161                                    | 4= 3.344                                       |
| 5= 0.775                                             | 5= 53.819                                      | 5= 5.980                                       | 5= 176.578                                  | 5= 0.14158                                  | 5= 32.257                                           | 5= 0.46452                                    | 5= 4.181                                       |
| 6= 0.930                                             | 6= 64.583                                      | 6= 7.176                                       | 6= 211.894                                  | 6= 0.16990                                  | 6= 38.709                                           | 6= 0.55742                                    | 6= 5.017                                       |
| 7= 1.085                                             | 7= 75.347                                      | 7= 8.372                                       | 7= 247.209                                  | 7= 0.19821                                  | 7= 45.160                                           | 7= 0.65032                                    | 7= 5.853                                       |
| 8= 1.240                                             | 8= 86.111                                      | 8= 9.568                                       | 8= 282.525                                  | 8= 0.22653                                  | 8= 51.612                                           | 8= 0.74323                                    | 8= 6.689                                       |
| 9= 1.395                                             | 9= 96.874                                      | 9= 10.764                                      | 9= 317.840                                  | 9= 0.25484                                  | 9= 58.063                                           | 9= 0.83613                                    | 9= 7.525                                       |

## LIQUID MEASURE.

## DRY MEASURE.

## LIQUID MEASURE.

| <i>Centilitres</i><br>= <i>Fluid Ounces.</i> | <i>Litres</i><br>= <i>Quarts.</i> | <i>Litres</i><br>= <i>Gallons.</i> | <i>Hectolitres</i><br>= <i>Bushels.</i> | <i>Bushels</i><br>= <i>Hectolitres</i> | <i>Fluid Ounces</i><br>= <i>Centilitres</i> | <i>Quarts</i><br>= <i>Litres.</i> | <i>Gallons</i><br>= <i>Litres.</i> |
|----------------------------------------------|-----------------------------------|------------------------------------|-----------------------------------------|----------------------------------------|---------------------------------------------|-----------------------------------|------------------------------------|
| 1= 0.338                                     | 1= 1.0567                         | 1= 0.26417                         | 1= 2.8375                               | 1= 0.35242                             | 1= 2.957                                    | 1= 0.94636                        | 1= 3.78544                         |
| 2= 0.676                                     | 2= 2.1134                         | 2= 0.52834                         | 2= 5.6750                               | 2= 0.70485                             | 2= 5.915                                    | 2= 1.89272                        | 2= 7.57088                         |
| 3= 1.014                                     | 3= 3.1701                         | 3= 0.79251                         | 3= 8.5125                               | 3= 1.05727                             | 3= 8.872                                    | 3= 2.83908                        | 3= 11.55632                        |
| 4= 1.352                                     | 4= 4.2267                         | 4= 1.05668                         | 4= 11.3500                              | 4= 1.40969                             | 4= 11.830                                   | 4= 3.78544                        | 4= 15.14176                        |
| 5= 1.691                                     | 5= 5.2834                         | 5= 1.32085                         | 5= 14.1875                              | 5= 1.76211                             | 5= 14.787                                   | 5= 4.73180                        | 5= 18.92200                        |
| 6= 2.029                                     | 6= 6.3401                         | 6= 1.58502                         | 6= 17.0250                              | 6= 2.11454                             | 6= 17.744                                   | 6= 5.67816                        | 6= 22.71264                        |
| 7= 2.368                                     | 7= 7.3968                         | 7= 1.84919                         | 7= 19.8625                              | 7= 2.46696                             | 7= 20.702                                   | 7= 6.62452                        | 7= 26.49808                        |
| 8= 2.706                                     | 8= 8.4534                         | 8= 2.11336                         | 8= 22.7000                              | 8= 2.81938                             | 8= 23.659                                   | 8= 7.57088                        | 8= 30.28352                        |
| 9= 3.043                                     | 9= 9.5101                         | 9= 2.37753                         | 9= 25.5375                              | 9= 3.17181                             | 9= 26.616                                   | 9= 8.51724                        | 9= 34.06896                        |

METRIC SYSTEM—Continued.

WEIGHT (A VOIRDUPOIS).

| Centi-grams = Grains. | Kilo-grams = Ounces Av'd' ps. | Kilo-grams = Pounds Av'd' ps. | Metric Tons = Long Tons. | Grains = Centi-grams. | Ounces Av'd' ps = Grams. | Pounds Av'd' ps = Kilo-grams. | Long Tons = Metric Tons. |
|-----------------------|-------------------------------|-------------------------------|--------------------------|-----------------------|--------------------------|-------------------------------|--------------------------|
| 1=0.1543              | 1=35.274                      | 1=2.20462                     | 1=0.9842                 | 1=6.4799              | 1=28.3495                | 1=0.45359                     | 1=1.0161                 |
| 2=0.3086              | 2=70.548                      | 2=4.40924                     | 2=1.9684                 | 2=12.9598             | 2=56.6991                | 2=0.90719                     | 2=2.0321                 |
| 3=0.4630              | 3=105.822                     | 3=6.61386                     | 3=2.9526                 | 3=19.4397             | 3=85.0486                | 3=1.36078                     | 3=3.0482                 |
| 4=0.6173              | 4=141.096                     | 4=8.81849                     | 4=3.9368                 | 4=25.9196             | 4=113.3981               | 4=1.81437                     | 4=4.0642                 |
| 5=0.7716              | 5=176.370                     | 5=11.02311                    | 5=4.9210                 | 5=32.3995             | 5=141.7476               | 5=2.26796                     | 5=5.0803                 |
| 6=0.9259              | 6=211.644                     | 6=13.22773                    | 6=5.9052                 | 6=38.8793             | 6=170.0972               | 6=2.72156                     | 6=6.0863                 |
| 7=1.0803              | 7=246.918                     | 7=15.43235                    | 7=6.8894                 | 7=45.3592             | 7=198.4467               | 7=3.17515                     | 7=7.1124                 |
| 8=1.2346              | 8=282.192                     | 8=17.63697                    | 8=7.8736                 | 8=51.8391             | 8=226.7962               | 8=3.62874                     | 8=8.1284                 |
| 9=1.3889              | 9=317.466                     | 9=19.84159                    | 9=8.8578                 | 9=58.3190             | 9=255.1457               | 9=4.08233                     | 9=9.1445                 |

THE METRIC SYSTEM SIMPLIFIED.

The following tables of the metric system of weights and measures have been simplified as much as possible for THE WORLD ALMANAC by omitting such denominations as are not in practical, everyday use in the countries where the system is used exclusively.

TABLES OF THE SYSTEM.

**Length.**—The denominations in practical use are millimetres (mm.), centimetres (cm.), metres (m.), and kilometres (km.).

10 mm. = 1 cm.; 100 cm. = 1 m.; 1,000 m. = 1 km. NOTE.—A decimetre is 10 cm.

**Weight.**—The denominations in use are grams (g.), kilos\* (kg.), and tons (metric tons).

1,000 g. = 1 kg.; 1,000 kg. = 1 metric ton.

**Capacity.**—The denominations in use are cubic centimetres (c. c.) and litres (l.).

1,000 c. c. = 1 l. NOTE.—A hectolitre is 100 l. (seldom used).

Relation of capacity and weight to length: A cubic decimetre is a litre, and a litre of water weighs a kilo.

APPROXIMATE EQUIVALENTS.

A metre is about a yard; a kilo is about 2 pounds; a litre is about a quart; a centimetre is about  $\frac{1}{2}$  inch; a metric ton is about same as a ton; a kilometre is about  $\frac{1}{2}$  mile; a cubic centimetre is about a thimbleful; a nickel weighs about 5 grams.

PRECISE EQUIVALENTS.

|                         |                           |       |                         |                             |       |
|-------------------------|---------------------------|-------|-------------------------|-----------------------------|-------|
| 1 acre.....             | = .40 hectar.....         | .4047 | 1 mile.....             | = 1.6 kilometres.....       | 1.609 |
| 1 bushel.....           | = 35 litres.....          | 35.24 | 1 millimetre.....       | = .039 inch.....            | .0394 |
| 1 centimetre.....       | = .39 inch.....           | .3937 | 1 ounce (av'd).....     | = 28 grams.....             | 28.35 |
| 1 cubic centimetre..... | = .061 cubic inch.....    | .0610 | 1 ounce (Troy).....     | = 31 grams.....             | 31.10 |
| 1 cubic foot.....       | = .028 cubic metre.....   | .0283 | 1 peck.....             | = 8.8 litres.....           | 8.809 |
| 1 cubic inch.....       | = 16 cubic cent. † 16.39  |       | 1 pint.....             | = .47 litre.....            | .4732 |
| 1 cubic metre.....      | = 35 cubic feet.....      | 35.31 | 1 pound.....            | = .45 kilo.....             | .4536 |
| 1 cubic metre.....      | = 1.3 cubic yards.....    | 1.308 | 1 quart (dry).....      | = 1.1 litres.....           | 1.101 |
| 1 cubic yard.....       | = .76 cubic metre.....    | .7645 | 1 quart (liquid).....   | = .95 litre.....            | .9464 |
| 1 foot.....             | = 30 centimetres.....     | 30.48 | 1 sq. centimetre.....   | = .15 sq. inch.....         | .1550 |
| 1 gallon.....           | = 3.8 litres.....         | 3.785 | 1 sq. foot.....         | = .093 sq. metre.....       | .0929 |
| 1 grain.....            | = .065 gram.....          | .0648 | 1 sq. inch.....         | = 6.5 sq. centim'rs.....    | 6.452 |
| 1 gram.....             | = 15 grains.....          | 15.43 | 1 sq. metre.....        | = 1.2 sq. yards.....        | 1.196 |
| 1 hectar.....           | = 2.5 acres.....          | 2.471 | 1 sq. metre.....        | = 11 sq. feet.....          | 10.76 |
| 1 inch.....             | = 25 millimetres.....     | 25.40 | 1 sq. yard.....         | = .84 sq. metre.....        | .8361 |
| 1 kilo.....             | = 2.2 pounds.....         | 2.205 | 1 ton (2,000 lbs.)..... | = .91 metric ton.....       | .9072 |
| 1 kilometre.....        | = .62 mile.....           | .6214 | 1 ton (2,240 lbs.)..... | = 1 metric ton.....         | 1.017 |
| 1 litre.....            | = .91 quart (dry).....    | .9081 | 1 ton (metric).....     | = 1.1 ton (2,000 lbs.)..... | 1.102 |
| 1 litre.....            | = 1.1 quarts (liq'd)..... | 1.057 | 1 ton (metric).....     | = .98 ton (2,240 lbs.)..... | .9842 |
| 1 metre.....            | = 3.3 feet.....           | 3.281 | 1 yard.....             | = .91 metre.....            | .9144 |

\* Contraction for kilogram. † Centimetres.

Minimum Weights of Produce.

The following are minimum weights of certain articles of produce according to the laws of the United States:

| Per Bushel.           | Per Bushel. | Per Bushel.                |         |
|-----------------------|-------------|----------------------------|---------|
| Wheat.....            | 60 lbs.     | Hungarian Grass Seed.....  | 50 lbs. |
| Corn, in the ear..... | 70          | Timothy Seed.....          | 45 "    |
| Corn, shelled.....    | 56          | Blue Grass Seed.....       | 44 "    |
| Rye.....              | 56          | Hemp Seed.....             | 44 "    |
| Buckwheat.....        | 48          | Salt (see note below)..... | 48 "    |
| Barley.....           | 48          | Corn Meal.....             | 24 "    |
| Oats.....             | 32          | Ground Peas.....           | 24 "    |
| Peas.....             | 60          | Malt.....                  | 34 "    |
| White Beans.....      | 60          | Bran.....                  | 20 "    |
| Castor Beans.....     | 46          |                            |         |
| White Potatoes.....   | 60 lbs.     |                            |         |
| Sweet Potatoes.....   | 55          |                            |         |
| Onions.....           | 57          |                            |         |
| Turnips.....          | 53          |                            |         |
| Dried Peaches.....    | 33          |                            |         |
| Dried Apples.....     | 26          |                            |         |
| Clover seed.....      | 60          |                            |         |
| Flax Seed.....        | 56          |                            |         |
| Millet Seed.....      | 50          |                            |         |

SALT.—Weight per bushel as adopted by different States ranges from 50 to 80 pounds. Coarse salt in Pennsylvania is reckoned at 80 pounds, and in Illinois at 50 pounds per bushel. Fine salt in Pennsylvania is reckoned at 62 pounds, in Kentucky and Illinois at 55 pounds per bushel.

## Measures and Weights of Great Britain.

The measures of length and the weights are nearly, practically, the same as those in use in the United States. The English ton is 2,240 lbs, avoirdupois, the same as the long ton, or shipping ton of the United States. The English hundredweight is 112 lbs, avoirdupois, the same as the long hundredweight of the United States. The metre has been legalized at 39,37079 inches, but the length of 39,370432 inches, as adopted by France, Germany, Belgium, and Russia, is frequently used.

The Imperial gallon, the basis of the system of capacity, involves an error of about 1 part in 1,836: 10 lbs. of water = 277.123 cubic inches.

### MEASURES OF CAPACITY.

| NAMES.                     | Pounds of Water. | Cubic Inches. | Litres.   | United States Equivalents. |
|----------------------------|------------------|---------------|-----------|----------------------------|
| 4 gills = 1 pint .....     | 1.35             | 34.66         | 0.56793   | 1.20032 liquid pints.      |
| 2 pints = 1 quart .....    | 2.5              | 69.32         | 1.13586   | 1.20032 " quarts.          |
| 2 quarts = 1 pottle .....  | 5                | 138.64        | 2.27173   | 2.40064 " "                |
| 2 pottles = 1 gallon ..... | 10               | 277.27        | 4.54346   | 1.20032 " gallons.         |
| 2 gallons = 1 peck .....   | 20               | 554.55        | 9.08692   | 1.03152 dry pecks.         |
| 4 pecks = 1 bushel .....   | 80               | 2218.19       | 36.34766  | 1.03152 " bushels.         |
| 4 bushels = 1 coomb .....  | 320              | 8872.77       | 145.39062 | 4.12606 " "                |
| 2 coombs = 1 quarter ..... | 640              | 17745.54      | 290.7813  | 8.2521 " "                 |

A cubic foot of pure gold weighs 1,210 pounds; pure silver, 655 pounds; cast iron, 450 pounds; copper, 550 pounds; lead, 710 pounds; pure platinum, 1,220 pounds; tin, 456 pounds; aluminum, 163 pounds.

## Domestic Weights and Measures.

**Apothecaries' Weight:** 20 grains = 1 scruple; 3 scruples = 1 dram; 8 drams = 1 ounce; 12 ounces = 1 pound.

**Avoirdupois Weight (short ton):** 27 11-32 grains = 1 dram; 16 drams = 1 ounce; 16 ounces = 1 pound; 25 pounds = 1 quarter; 4 quarters = 1 cwt.; 20 cwt. = 1 ton.

**Avoirdupois Weight (long ton):** 27 11-32 grains = 1 dram; 16 drams = 1 ounce; 16 ounces = 1 pound; 112 pounds = 1 cwt.; 20 cwt. = 1 ton.

**Troy Weight:** 24 grains = 1 pennyweight; 20 pennyweights = 1 ounce; 12 ounces = 1 pound.  
**Circular Measure:** 60 seconds = 1 minute; 60 minutes = 1 degree; 30 degrees = 1 sign; 12 signs = 1 circle or circumference.

**Cubic Measure:** 1,728 cubic inches = 1 cubic foot; 27 cubic feet = 1 cubic yard.  
**Dry Measure:** 2 pints = 1 quart; 8 quarts = 1 peck; 4 pecks = 1 bushel.

**Liquid Measure:** 4 gills = 1 pint; 2 pints = 1 quart; 4 quarts = 1 gallon; 31½ gallons = 1 barrel; 2 barrels = 1 hogshead.

**Long Measure:** 12 inches = 1 foot; 3 feet = 1 yard; 5½ yards = 1 rod or pole; 40 rods = 1 furlong; 8 furlongs = 1 statute mile; 3 miles = 1 league.

**Mariner's Measure:** 6 feet = 1 fathom; 120 fathoms = 1 cable length; 7½ cable lengths = 1 mile; 5,280 feet = 1 statute mile; 6,085 feet = 1 nautical mile.

**Square Measure:** 144 square inches = 1 square foot; 9 square feet = 1 square yard; 30¼ square yards = 1 square rod or perch; 40 square rods = 1 rood; 4 roods = 1 acre; 6.0 acres = 1 square mile; 36 square miles (6 miles square) = 1 township.

**Time Measure:** 60 seconds = 1 minute; 60 minutes = 1 hour; 24 hours = 1 day; 7 days = 1 week; 365 days = 1 year; 366 days = 1 leap year.

### TEXAS LAND MEASURE.

(Also used in Mexico, New Mexico, Arizona, and California.)

|            |                                 |                               |            |        |
|------------|---------------------------------|-------------------------------|------------|--------|
| 26,000,000 | square varas (square of 5,099   | varas) = 1 league and 1 labor | = 4,605.5  | acres. |
| 1,000,000  | square varas (square of 1,000   | varas) = 1 labor              | = 177.136  | acres. |
| 25,000,000 | square varas (square of 5,000   | varas) = 1 league             | = 4,428.4  | acres. |
| 12,500,000 | square varas (square of 3,535.5 | varas) = ½ league             | = 2,214.2  | acres. |
| 8,333,333  | square varas (square of 2,886.7 | varas) = ⅓ league             | = 1,476.13 | acres. |
| 6,250,000  | square varas (square of 2,500   | varas) = ¼ league             | = 1,107.1  | acres. |
| 7,225,600  | square varas (square of 2,688   | varas)                        | = 1,280    | acres. |
| 5,419,200  | square varas (square of 2,328   | varas)                        | = 960      | acres. |
| 3,612,800  | square varas (square of 1,900.8 | varas) = 1 section            | = 640      | acres. |
| 1,806,400  | square varas (square of 1,344   | varas) = ¼ section            | = 320      | acres. |
| 903,200    | square varas (square of 950.44  | varas) = ⅓ section            | = 160      | acres. |
| 451,600    | square varas (square of 672     | varas) = ¼ section            | = 80       | acres. |
| 225,800    | square varas (square of 475     | varas) = 1-16 section         | = 40       | acres. |
| 5,645,376  | square varas (square of 75,137  | varas) = 4,840 square yards   | = 1        | acre.  |
|            |                                 | 43,560 square feet            | = 1        | acre.  |

To find the number of acres in any number of square varas, multiply the latter by 177 (or to be more exact, by 177½), and cut off six decimals.

1 vara = 33¼ inches.

1,900.8 varas = 1 mile.

### WEIGHTS AND MEASURES OF THE PHILIPPINES.

|                      |                   |                     |                   |
|----------------------|-------------------|---------------------|-------------------|
| 1 pulgada (12 linea) | = .927 inch.      | 1 libra (16 onzo)   | = 1.0144 lb. av.  |
| 1 pie                | = 11.125 inches.  | 1 arroba            | = 25.360 lb. av.  |
| 1 vara               | = 33.375 inches.  | 1 catty (16 tael)   | = 1.594 lb. av.   |
| 1 gantah             | = .8796 gallon.   | 1 pecul (100 catty) | = 139.482 lb. av. |
| 1 caban              | = 21.991 gallons. |                     |                   |

## Foreign Moneys.

**English Money:** 4 farthings = 1 penny (d); 12 pence = 1 shilling (s); 20 shillings = 1 pound (£).

**French Money:** 10 centimes = 1 decime; 10 decimes = 1 franc.

**German Money:** 100 pfennig = 1 mark.

**Russian Money:** 100 copecks = 1 ruble.

**Austro-Hungarian Money:** 100 kreutzer = 1 florin.

For United States equivalents, see table of "Value of Foreign Coins in U. S. Money."



Interest Laws and Statutes of Limitations.

| STATES AND TERRITORIES. | INTEREST LAWS. |                           | STATUTES OF LIMITATIONS. |               |                       | STATES AND TERRITORIES. | INTEREST LAWS. |                           | STATUTES OF LIMITATIONS. |               |                       |
|-------------------------|----------------|---------------------------|--------------------------|---------------|-----------------------|-------------------------|----------------|---------------------------|--------------------------|---------------|-----------------------|
|                         | Legal Rate.    | Rate Allowed by Contract. | Judgments, Years.        | Notes, Years. | Open Accounts, Years. |                         | Legal Rate.    | Rate Allowed by Contract. | Judgments, Years.        | Notes, Years. | Open Accounts, Years. |
| Alabama.....            | Per ct. 8      | 8                         | 20                       | 6*            | 3                     | Nebraska.....           | Per ct. 7      | 10                        | 5††                      | 5             | 4                     |
| Arkansas.....           | 6              | 10                        | 10                       | 5             | 3                     | Nevada.....             | 7              | Any rate.                 | 6                        | 6             | 4                     |
| Aризона.....            | 6              | Any rate.                 | 5                        | 4             | 3                     | N. Hampshire            | 6              | 6                         | 20                       | 6             | 6                     |
| California.....         | 7              | Any rate.                 | 5                        | 4†            | 2                     | New Jersey...           | 6              | 6                         | 20                       | 6             | 6                     |
| Colorado.....           | 8              | Any rate.                 | 10††                     | 6             | 6                     | New Mexico...           | 6              | 12                        | 7                        | 6             | 4                     |
| Connecticut...          | 6              | (j)                       | 4                        | (e)           | 6                     | New York.....           | 6              | 6††                       | 20(i)                    | 6             | 6§§                   |
| Delaware.....           | 6              | 6                         | 20                       | 6             | 3                     | North Carolina          | 6              | 6                         | 10                       | 3*            | 3                     |
| D. of Columbia          | 6              | 10                        | 12                       | 3             | 3                     | North Dakota.           | 7              | 12                        | 10                       | 6             | 6§§                   |
| Florida.....            | 8              | 10                        | 20                       | 5             | 2                     | Oklahoma.....           | 6              | 12                        | 5††                      | 15            | 6                     |
| Georgia.....            | 7              | 8                         | 7                        | 6             | 4                     | Oregon.....             | 6              | 10                        | 10                       | 6             | 6                     |
| Idaho.....              | 7              | 12                        | 6                        | 5             | 4                     | Pennsylvania...         | 6              | 6                         | 5(f)                     | 6             | 6                     |
| Illinois.....           | 5              | 7                         | 20                       | 10            | 5                     | Rhode Island...         | 6§             | Any rate.                 | 20                       | 6             | 6                     |
| Indiana.....            | 6              | 8                         | 20                       | 10            | 6                     | South Carolina          | 7              | 8                         | 10                       | 6             | 6                     |
| Iowa.....               | 6              | 8                         | 20(d)                    | 10            | 5                     | South Dakota.           | 7              | 12                        | 10(i)                    | 6             | 6                     |
| Kansas.....             | 6              | 10                        | 5                        | 5             | 3                     | Tennessee.....          | 6              | 6                         | 10                       | 6             | 6                     |
| Kentucky.....           | 6              | 6                         | 15                       | 15            | 5(α)                  | Texas.....              | 6              | 10                        | 10††                     | 4             | 2                     |
| Louisiana.....          | 5              | 8                         | 10                       | 5             | 3                     | Utah.....               | 8              | Any rate.                 | 8                        | 6             | 4                     |
| Maine.....              | 6              | Any rate.                 | 20                       | 6(c)          | 6§§                   | Vermont.....            | 6              | 6                         | 8                        | 6             | 6§§                   |
| Maryland.....           | 6              | 6                         | 12                       | 3             | 3                     | Virginia.....           | 6              | 6                         | 20                       | 5*            | 2††                   |
| Massachusetts.          | 6              | Any rate.                 | 20                       | 6             | 6                     | Washington...           | 7              | 12                        | 6                        | 6             | 3                     |
| Michigan.....           | 5              | 7                         | 6*                       | 6             | 6§§                   | West Virginia..         | 6              | 6                         | 10                       | 10            | 3                     |
| Minnesota.....          | 6              | 10                        | 10                       | 6             | 6                     | Wisconsin.....          | 6              | 10                        | 20(i)                    | 6             | 6                     |
| Mississippi.....        | 6              | 10                        | 7                        | 6             | 3                     | Wyoming.....            | 8              | 12                        | 5(k)                     | 5             | 8                     |
| Missouri.....           | 6              | 8                         | 10                       | 10            | 5                     |                         |                |                           |                          |               |                       |
| Montana.....            | 10             | Any rate.                 | 10(b)                    | 8             | 3                     |                         |                |                           |                          |               |                       |

\* Under seal, 10 years. † If made in State; if outside, 2 years. ‡ No law and no decision regarding judgments. § Unless a different rate is expressly stipulated. ¶ Under seal, 20 years. ¶† Store accounts; other accounts 3 years; accounts between merchants 5 years. †† New York has by a recent law legalized any rate of interest on call loans of \$5,000 or upward, on collateral security. ††† Becomes dormant, but may be revived. §§ Six years from last item. (a) Accounts between merchants 2 years. (b) In courts not of record 5 years. (c) Witnessed 20 years. (d) Twenty years in Courts of Record; in Justice's Court 10 years. (e) Negotiable notes 6 years, non-negotiable 17 years. (f) Ceases to be a lien after that period. (h) On foreign judgments 1 year. (i) Is a lien on real estate for only 10 years. (j) Any rate, but only 6 per cent can be collected at law. (k) And indefinitely by having execution issue every 5 years. (l) Ten years foreign, 20 years domestic.

Simple Interest Table.

(Showing at Different Rates the Interest on \$1 from 1 Month to 1 year, and on \$100 from 1 Day to 1 Year.)

| TIME.                          | 4 PER CENT. |        |        | 5 PER CENT. |        |        | 6 PER CENT. |        |        | 7 PER CENT. |        |        | 8 PER CENT. |        |        |
|--------------------------------|-------------|--------|--------|-------------|--------|--------|-------------|--------|--------|-------------|--------|--------|-------------|--------|--------|
|                                | Dollars.    | Cents. | Mills. | Dollars.    | Cents. | Mills. | Dollars.    | Cents. | Mills. | Dollars.    | Cents. | Mills. | Dollars.    | Cents. | Mills. |
| One Dollar 1 month.....        | ..          | ..     | 13     | ..          | ..     | 16     | ..          | 1      | 5      | ..          | ..     | 5      | ..          | ..     | 6      |
| .. 2 ..                        | ..          | ..     | 27     | ..          | ..     | 32     | ..          | 1      | 10     | ..          | ..     | 10     | ..          | ..     | 13     |
| .. 3 ..                        | ..          | 1      | 41     | ..          | ..     | 48     | ..          | 1      | 15     | ..          | ..     | 15     | ..          | ..     | 20     |
| .. 6 ..                        | ..          | 2      | 82     | ..          | ..     | 96     | ..          | 2      | 30     | ..          | ..     | 30     | ..          | ..     | 40     |
| .. 12 ..                       | ..          | 4      | 164    | ..          | ..     | 192    | ..          | 4      | 60     | ..          | ..     | 60     | ..          | ..     | 80     |
| One Hundred Dollars 1 day..... | ..          | 1      | 1      | ..          | 1      | 1      | ..          | 1      | 6      | ..          | 1      | 6      | ..          | 1      | 8      |
| .. 2 ..                        | ..          | 2      | 2      | ..          | 2      | 2      | ..          | 2      | 12     | ..          | 2      | 12     | ..          | 2      | 16     |
| .. 3 ..                        | ..          | 3      | 3      | ..          | 3      | 3      | ..          | 3      | 18     | ..          | 3      | 18     | ..          | 3      | 24     |
| .. 4 ..                        | ..          | 4      | 4      | ..          | 4      | 4      | ..          | 4      | 24     | ..          | 4      | 24     | ..          | 4      | 32     |
| .. 5 ..                        | ..          | 5      | 5      | ..          | 5      | 5      | ..          | 5      | 30     | ..          | 5      | 30     | ..          | 5      | 40     |
| .. 6 ..                        | ..          | 6      | 6      | ..          | 6      | 6      | ..          | 6      | 36     | ..          | 6      | 36     | ..          | 6      | 48     |
| .. 7 ..                        | ..          | 7      | 7      | ..          | 7      | 7      | ..          | 7      | 42     | ..          | 7      | 42     | ..          | 7      | 56     |
| .. 8 ..                        | ..          | 8      | 8      | ..          | 8      | 8      | ..          | 8      | 48     | ..          | 8      | 48     | ..          | 8      | 64     |
| .. 9 ..                        | ..          | 9      | 9      | ..          | 9      | 9      | ..          | 9      | 54     | ..          | 9      | 54     | ..          | 9      | 72     |
| .. 10 ..                       | ..          | 10     | 10     | ..          | 10     | 10     | ..          | 10     | 60     | ..          | 10     | 60     | ..          | 10     | 80     |
| .. 11 ..                       | ..          | 11     | 11     | ..          | 11     | 11     | ..          | 11     | 66     | ..          | 11     | 66     | ..          | 11     | 88     |
| .. 12 ..                       | ..          | 12     | 12     | ..          | 12     | 12     | ..          | 12     | 72     | ..          | 12     | 72     | ..          | 12     | 96     |

Compound Interest Table.

COMPOUND INTEREST ON ONE DOLLAR FOR 100 YEARS.

| AMOUNT | Years. | Per cent. | Accumulation. | AMOUNT | Years. | Per cent. | Accumulation. | AMOUNT | Years. | Per cent. | Accumulation. |
|--------|--------|-----------|---------------|--------|--------|-----------|---------------|--------|--------|-----------|---------------|
| \$1    | 100    | 1         | \$2,70.5      | \$1    | 100    | 4½        | \$81,58.9     | \$1    | 100    | 10        | \$13,780.66   |
| 1      | 100    | 2         | 7,24.5        | 1      | 100    | 5         | 131,50.1      | 1      | 100    | 11        | 34,064.34,6   |
| 1      | 100    | 2½        | 11,81.4       | 1      | 100    | 6         | 339,30.5      | 1      | 100    | 12        | 83,521.82,7   |
| 1      | 100    | 3         | 19,21.8       | 1      | 100    | 7         | 867,72.1      | 1      | 100    | 15        | 1,174,302.40  |
| 1      | 100    | 3½        | 31,19.1       | 1      | 100    | 8         | 2,199,78.4    | 1      | 100    | 18        | 15,424,106.40 |
| 1      | 100    | 4         | 50,50.4       | 1      | 100    | 9         | 5,529,04.4    | 1      | 100    | 24        | 2,198,720,200 |

COMPOUND INTEREST TABLE—Continued.

YEARS IN WHICH A GIVEN AMOUNT WILL DOUBLE AT SEVERAL RATES OF INTEREST.

| RATE. | AT COMPOUND INTEREST. |                    |                           |                       | RATE. | AT COMPOUND INTEREST. |                    |                           |                       |
|-------|-----------------------|--------------------|---------------------------|-----------------------|-------|-----------------------|--------------------|---------------------------|-----------------------|
|       | At Simple Interest.   | Compounded Yearly. | Compounded Semi-Annually. | Compounded Quarterly. |       | At Simple Interest.   | Compounded Yearly. | Compounded Semi-Annually. | Compounded Quarterly. |
| 1     | 100 years.            | 69.660             | 69.487                    | 69.237                | 6     | 16.67                 | 11.896             | 11.725                    | 11.639                |
| 1½    | 66.66                 | 46.556             | 46.382                    | 46.297                | 6½    | 15.38                 | 11.007             | 10.836                    | 10.750                |
| 2     | 50.00                 | 35.003             | 34.830                    | 34.743                | 7     | 14.29                 | 10.245             | 10.074                    | 9.966                 |
| 2½    | 40.00                 | 28.071             | 27.899                    | 27.748                | 7½    | 13.33                 | 9.584              | 9.414                     | 9.328                 |
| 3     | 33.33                 | 23.450             | 23.278                    | 23.191                | 8     | 12.50                 | 9.006              | 8.837                     | 8.751                 |
| 3½    | 28.57                 | 20.149             | 19.977                    | 19.890                | 8½    | 11.76                 | 8.497              | 8.327                     | 8.241                 |
| 4     | 25.00                 | 17.673             | 17.501                    | 17.415                | 9     | 11.11                 | 8.043              | 7.874                     | 7.788                 |
| 4½    | 22.22                 | 15.747             | 15.576                    | 15.490                | 9½    | 10.52                 | 7.638              | 7.468                     | 7.383                 |
| 5     | 20.00                 | 14.207             | 14.035                    | 13.949                | 10    | 10.00                 | 7.273              | 7.103                     | 7.018                 |
| 5½    | 18.18                 | 12.942             | 12.775                    | 12.689                | 12    | 8.34                  | 6.116              | 5.948                     | 5.862                 |

Penalties for usury differ in the various States.

Arizona, California, Colorado, Indian Territory, Maine, Massachusetts (except on loans of less than \$1,000), Montana, Nevada, Rhode Island, and Utah have no provisions on the subject.

Loss of principal and interest is the penalty in Arkansas and New York.

Loss of principal in Delaware and Oregon.

Loss of interest in Alabama, Alaska, District of Columbia, Florida, Idaho, Illinois, Iowa, Louisiana, Michigan, Minnesota, Texas, Mississippi, Nebraska, New Jersey, North Carolina, Oklahoma Territory, South Carolina, Texas, Virginia, Washington, Wyoming, Wisconsin, and Hawaii.

Loss of excess of interest in Connecticut, Georgia, Indiana, Kansas, Kentucky, Maryland, Missouri, New Hampshire (three times), New Mexico, North Dakota (double), Ohio, Pennsylvania, Tennessee, Vermont, and West Virginia.

Roman and Arabic Numerals.

|      |    |       |    |             |     |        |      |
|------|----|-------|----|-------------|-----|--------|------|
| I    | 1  | XI    | 11 | XXX         | 30  | CCC    | 400  |
| II   | 2  | XII   | 12 | XL          | 40  | D      | 500  |
| III  | 3  | XIII  | 13 | L           | 50  | DC     | 600  |
| IV   | 4  | XIV   | 14 | LX          | 60  | DCC    | 700  |
| V    | 5  | XV    | 15 | LXX         | 70  | DCCC   | 800  |
| VI   | 6  | XVI   | 16 | LXXX or XXC | 80  | CM     | 900  |
| VII  | 7  | XVII  | 17 | XC          | 90  | M      | 1000 |
| VIII | 8  | XVIII | 18 | C           | 100 | MM     | 2000 |
| IX   | 9  | XIX   | 19 | CC          | 200 | MCMIII | 1903 |
| X    | 10 | XX    | 20 | CCC         | 300 |        |      |

Height and Weight of Men.

TABLE OF AVERAGE HEIGHT AND WEIGHT OF MALES, BASED ON ANALYSIS OF 74,162 ACCEPTED APPLICANTS FOR LIFE INSURANCE AS REPORTED TO THE ASSOCIATION OF LIFE INSURANCE MEDICAL DIRECTORS.

| Height.          | Age.    |       |       |       |       |       |       |       |       |       |      |
|------------------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
|                  | 15-24   | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64 | 65-69 |      |
|                  | Pounds. |       |       |       |       |       |       |       |       |       |      |
| 5 feet           | 120     | 125   | 128   | 131   | 133   | 134   | 134   | 134   | 131   | 131   | .... |
| 5 feet 1 inch    | 122     | 126   | 129   | 131   | 134   | 136   | 136   | 136   | 136   | 134   | .... |
| 5 feet 2 inches  | 124     | 128   | 131   | 133   | 136   | 138   | 138   | 138   | 138   | 137   | .... |
| 5 feet 3 inches  | 127     | 131   | 134   | 136   | 139   | 141   | 141   | 141   | 141   | 140   | 140  |
| 5 feet 4 inches  | 131     | 135   | 138   | 140   | 143   | 144   | 145   | 145   | 144   | 144   | 143  |
| 5 feet 5 inches  | 134     | 138   | 141   | 143   | 146   | 147   | 149   | 149   | 148   | 147   | 147  |
| 5 feet 6 inches  | 138     | 142   | 145   | 147   | 150   | 151   | 153   | 153   | 153   | 151   | 151  |
| 5 feet 7 inches  | 142     | 147   | 150   | 152   | 155   | 156   | 158   | 158   | 158   | 156   | 156  |
| 5 feet 8 inches  | 146     | 151   | 154   | 157   | 160   | 161   | 163   | 163   | 163   | 162   | 162  |
| 5 feet 9 inches  | 150     | 155   | 159   | 162   | 165   | 166   | 167   | 168   | 168   | 168   | 168  |
| 5 feet 10 inches | 154     | 159   | 164   | 167   | 170   | 171   | 172   | 173   | 174   | 174   | 174  |
| 5 feet 11 inches | 159     | 164   | 169   | 173   | 175   | 177   | 177   | 178   | 180   | 180   | 180  |
| 6 feet           | 165     | 170   | 175   | 179   | 180   | 183   | 182   | 183   | 185   | 185   | 185  |
| 6 feet 1 inch    | 170     | 177   | 181   | 185   | 186   | 189   | 188   | 189   | 189   | 189   | 189  |
| 6 feet 2 inches  | 176     | 184   | 188   | 192   | 194   | 196   | 194   | 194   | 192   | 192   | 192  |
| 6 feet 3 inches  | 181     | 190   | 195   | 200   | 203   | 204   | 201   | 198   | ....  | ....  | .... |

A Height and Weight Table compiled by a Committee of the Medical Section of the National Fraternal Congress, 1900, which is the analysis of 133,940 applications of selected risks, in a few instances differed very slightly from the above.

HEIGHT AND WEIGHT OF WOMEN.

The following table gives the relative height and weight of women, all ages. The weight of ordinary clothing, however, is included:

| Height.         | Average. |          | Height.          | Average. |          |
|-----------------|----------|----------|------------------|----------|----------|
|                 | Minimum. | Maximum. |                  | Minimum. | Maximum. |
| 5 feet          | 115      | 98       | 5 feet 7 inches  | 145      | 123      |
| 5 feet 1 inch   | 120      | 102      | 5 feet 8 inches  | 148      | 126      |
| 5 feet 2 inches | 125      | 106      | 5 feet 9 inches  | 155      | 131      |
| 5 feet 3 inches | 130      | 111      | 5 feet 10 inches | 160      | 136      |
| 5 feet 4 inches | 135      | 115      | 5 feet 11 inches | 165      | 138      |
| 5 feet 5 inches | 140      | 119      | 6 feet           | 170      | 141      |
| 5 feet 6 inches | 143      | 121      |                  |          |          |

Constitution of the United States.

Preamble.

WE, the people of the United States, in order to form a more perfect Union, establish justice, insure domestic tranquillity, provide for the common defence, promote the general welfare, and secure the blessings of liberty to ourselves and our posterity, do ordain and establish this CONSTITUTION for the United States of America.

ARTICLE I.

Legislative powers. House of Representatives.

SECTION I. All legislative powers herein granted shall be vested in a Congress of the United States, which shall consist of a Senate and House of Representatives.

Qualifications of Representatives.

SECTION II. 1. The House of Representatives shall be composed of members chosen every second year by the people of the several States, and the electors in each State shall have the qualifications requisite for electors of the most numerous branch of the State Legislature.

Apportionment of Representatives.

2. No person shall be a Representative who shall not have attained to the age of twenty-five years, and been seven years a citizen of the United States, and who shall not, when elected, be an inhabitant of that State in which he shall be chosen.  
3. Representatives and direct taxes shall be apportioned among the several States which may be included within this Union according to their respective numbers, which shall be determined by adding to the whole number of all free persons, including those bound to service for a term of years, and excluding Indians not taxed, three-fifths of all free persons, including those bound to service for a term of years, and excluding Indians not taxed, three-fifths of all free persons. The actual enumeration shall be made within three years after the first meeting of the Congress of the other persons. The actual enumeration shall be made within three years after the first meeting of the Congress of the United States, and within every subsequent term of ten years, in such manner as they shall by law direct. The number of Representatives shall not exceed one for every thirty thousand, but each State shall have at least one Representative; and until such enumeration shall be made, the State of New Hampshire shall be entitled to choose Representatives; and Rhode Island and Providence Plantations, 1; Connecticut, 5; New York, 6; New Jersey, 4; 3; Massachusetts, 8; Rhode Island and Providence Plantations, 1; Connecticut, 5; New York, 6; New Jersey, 4; 3; Pennsylvania, 3; Delaware, 1; Maryland, 6; Virginia, 10; North Carolina, 5; South Carolina, 5; and Georgia, 3.\*

Vacancies, how filled. Officers, how appointed. Senate.

4. When vacancies happen in the representation from any State, the Executive Authority thereof shall issue writs of election to fill such vacancies.  
5. The House of Representatives shall choose their Speaker and other officers, and shall have the sole power of impeachment.

Classification of Senators.

SECTION III. 1. The Senate of the United States shall be composed of two Senators from each State, chosen by the Legislature thereof, for six years; and each Senator shall have one vote.

Qualifications of Senators.

2. Immediately after they shall be assembled in consequence of the first election, they shall be divided as equally as may be into three classes. The seats of the Senators of the first class shall be vacated at the expiration of the second year, of the second class at the expiration of the fourth year, and of the third class at the expiration of the sixth year, so that one-third may be chosen every second year; and if vacancies happen by resignation, or otherwise, during the recess of the Legislature of any State, the Executive thereof may make temporary appointments until the next meeting of the Legislature, which shall then fill such vacancies.

President of the Senate.

3. No person shall be a Senator who shall not have attained to the age of thirty years, and been nine years a citizen of the United States, and who shall not, when elected, be an inhabitant of that State for which he shall be chosen.

Senate a court for trial of impeachments. Judgment in case of conviction.

4. The Vice-President of the United States shall be President of the Senate, but shall have no vote unless they be equally divided.  
5. The Senate shall choose their other officers, and also a President pro tempore, in the absence of the Vice-President, or when he shall exercise the office of President of the United States.

Elections of Senators and Representatives.

6. The Senate shall have the sole power to try all impeachments. When sitting for that purpose, they shall be on oath or affirmation. When the President of the United States is tried, the Chief Justice shall preside; and no person shall be convicted without the concurrence of two-thirds of the members present.

Meeting of Congress.

7. Judgment in cases of impeachment shall not extend further than to removal from office, and disqualification to hold and enjoy any office of honor, trust, or profit under the United States; but the party convicted shall nevertheless be liable and subject to indictment, trial, judgment, and punishment, according to law.

Organization of Congress.

SECTION IV. 1. The times, places, and manner of holding elections for Senators and Representatives shall be prescribed in each State by the Legislature thereof; but the Congress may at any time by law make or alter such regulations, except as to places of choosing Senators.

Rule of proceedings. Journals of each House.

2. The Congress shall assemble at least once in every year, and such meeting shall be on the first Monday in December, unless they shall by law appoint a different day.

Adjournment of Congress.

SECTION V. 1. Each House shall be the judge of the elections, returns, and qualifications of its own members, and a majority of each shall constitute a quorum to do business; but a smaller number may adjourn from day to day, and may be authorized to compel the attendance of absent members in such manner and under such penalties as each House may provide.

Pay and privileges of members.

2. Each House may determine the rules of its proceedings, punish its members for disorderly behavior, and with the concurrence of two-thirds expel a member.

Other offices prohibited.

3. Each House shall keep a journal of its proceedings, and from time to time publish the same, excepting such parts as may in their judgment require secrecy; and the yeas and nays of the members of either House on any question shall, at the desire of one-fifth of those present, be entered on the journal.

Revenue bills. How bills become laws.

4. Neither House, during the session of Congress, shall, without the consent of the other, adjourn for more than three days, nor to any other place than that in which the two Houses shall be sitting.

SECTION VI. 1. The Senators and Representatives shall receive a compensation for their services, to be ascertained by law, and paid out of the Treasury of the United States. They shall in all cases, except treason, felony, and breach of the peace, be privileged from arrest during their attendance at the session of their respective Houses, and in going to and returning from the same; and for any speech or debate in either House they shall not be questioned in any other place.

2. No Senator or Representative shall, during the time for which he was elected, be appointed to any civil office under the authority of the United States which shall have been created, or the emoluments whereof shall have been increased during such time; and no person holding any office under the United States shall be a member of either House during his continuance in office.

SECTION VII. 1. All bills for raising revenue shall originate in the House of Representatives, but the Senate may propose or concur with amendments, as on other bills.

2. Every bill which shall have passed the House of Representatives and the Senate shall, before it become a law, be presented to the President of the United States; if he approve, he shall sign it, but if not, he shall return it, with his objections, to that House in which it shall have originated, who shall enter the objections at large on their journal, and proceed to reconsider it. If after such reconsideration two-thirds of that House shall agree to pass the bill, it shall be sent, together with the objections, to the other House, by which it shall likewise be reconsidered; and if approved by two-thirds of that House it shall become a law. But in all such cases the votes of both Houses shall be determined by yeas and nays, and the names of the persons voting for and against the bill shall be entered on the journal of each House respectively. If any bill shall not be returned by the President within ten days (Sundays excepted) after it shall have been presented to him, the same shall be a law in like manner as if he had signed it, unless the Congress by their adjournment prevent its return; in which case it shall not be a law.

\* See Article XIV., Amendments.

- Approval and veto powers of the President.
- Powers vested in Congress.
- Immigrants, how admitted.
- Habeas corpus.
- Attainder.
- Direct taxes.
- Regulations regarding customs duties.
- Moneys, how drawn.
- Titles of nobility prohibited.
- Powers of States defined.
- Executive power, in whom held.
- Elected.
- Electors.
- Proceedings of electors.
- Proceedings of the House of Representatives.
- Time of choosing electors.
3. Every order, resolution, or vote to which the concurrence of the Senate and House of Representatives may be necessary (except on a question of adjournment) shall be presented to the President of the United States; and before the same shall take effect shall be approved by him, or being disapproved by him, shall be repassed by two-thirds of the Senate and the House of Representatives, according to the rules and limitations prescribed in the case of a bill.
- SECTION VIII. 1. The Congress shall have power:
- To lay and collect taxes, duties, imposts, and excises, to pay the debts and provide for the common defence and general welfare of the United States; but all duties, imposts, and excises shall be uniform throughout the United States.
2. To borrow money on the credit of the United States.
3. To regulate commerce with foreign nations, and among the several States, and with the Indian tribes.
4. To establish a uniform rule of naturalization and uniform laws on the subject of bankruptcies throughout the United States.
5. To coin money, regulate the value thereof, and of foreign coin, and fix the standard of weights and measures.
6. To provide for the punishment of counterfeiting the securities and current coin of the United States.
7. To establish post-offices and post-roads.
8. To promote the progress of science and useful arts by securing for limited times to authors and inventors the exclusive rights to their respective writings and discoveries.
9. To constitute tribunals inferior to the Supreme Court.
10. To define and punish piracies and felonies committed on the high seas, and offences against the law of nations.
11. To declare war, grant letters of marque and reprisal, and make rules concerning captures on land and water.
12. To raise and support armies, but no appropriation of money to that use shall be for a longer term than two years.
13. To provide and maintain a navy.
14. To make rules for the government and regulation of the land and naval forces.
15. To provide for calling forth the militia to execute the laws of the Union, suppress insurrections, and repel invasions.
16. To provide for organizing, arming, and disciplining the militia, and for governing such part of them as may be employed in the service of the United States, reserving to the States respectively the appointment of the officers, and the authority of training the militia according to the discipline prescribed by Congress.
17. To exercise exclusive legislation in all cases whatsoever over such district (not exceeding ten miles square) as may, by cession of particular States and the acceptance of Congress, become the seat of Government of the United States, and to exercise like authority over places purchased by the consent of the Legislature of the State in which the same shall be, for the erection of forts, magazines, arsenals, dry-docks, and other needful buildings.
18. To make all laws which shall be necessary and proper for carrying into execution the foregoing powers, and all other powers vested by this Constitution in the Government of the United States, or in any department or officer thereof.
- SECTION IX. 1. The migration or importation of such persons as any of the States now existing shall think proper to admit shall not be prohibited by the Congress prior to the year one thousand eight hundred and eight, but a tax or duty may be imposed on such importation, not exceeding ten dollars for each person.
2. The privilege of the writ of habeas corpus shall not be suspended, unless when in cases of rebellion or invasion the public safety may require it.
3. No bill of attainder or ex post facto law shall be passed.
4. No capitation or other direct tax shall be laid, unless in proportion to the census or enumeration hereinbefore directed to be taken.
5. No tax or duty shall be laid on articles exported from any State.
6. No preference shall be given by any regulation of commerce or revenue to the ports of one State over those of another, nor shall vessels bound to or from one State be obliged to enter, clear, or pay duties in another.
7. No money shall be drawn from the Treasury but in consequence of appropriations made by law; and a regular statement and account of the receipts and expenditures of all public money shall be published from time to time.
8. No title of nobility shall be granted by the United States. And no person holding any office of profit or trust under them shall, without the consent of the Congress, accept of any present, emolument, office, or title of any kind whatever from any king, prince, or foreign state.
- SECTION X. 1. No State shall enter into any treaty, alliance, or confederation, grant letters of marque and reprisal, coin money, emit bills of credit, make anything but gold and silver coin a tender in payment of debts, pass any bill of attainder, ex post facto law, or law impairing the obligation of contracts, or grant any title of nobility.
2. No State shall, without the consent of the Congress, lay any impost or duties on imports or exports, except what may be absolutely necessary for executing its inspection laws, and the net produce of all duties and imposts, shall be subject to the revision and control of the Congress.
3. No State shall, without the consent of Congress, lay any duty of tonnage, keep troops or ships of war in time of peace, enter into any agreement or compact with another State, or with a foreign power, or engage in war, unless actually invaded, or in such imminent danger as will not admit of delay.

## ARTICLE II.

- SECTION I. 1. The Executive power shall be vested in a President of the United States of America. He shall hold his office during the term of four years, and, together with the Vice-President, chosen for the same term, be elected as follows:
2. Each State shall appoint, in such manner as the Legislature thereof may direct, a number of electors, equal to the whole number of Senators and Representatives to which the State may be entitled in the Congress; but no Senator or Representative or person holding an office of trust or profit under the United States shall be appointed an elector.
3. [The electors shall meet in their respective States and vote by ballot for two persons, of whom one at least shall not be an inhabitant of the same State with themselves. And they shall make a list of all the persons voted for, and of the number of votes for each, which list they shall sign and certify and transmit, sealed, to the seat of the Government of the United States, directed to the President of the Senate. The President of the Senate shall, in the presence of the Senate and House of Representatives, open all the certificates, and the votes shall then be counted. The person having the greatest number of votes shall be the President, if such number be a majority of the whole number of electors appointed, and if there be more than one who have such majority, and have an equal number of votes, then the House of Representatives shall immediately choose by ballot one of them for President; and if no person have a majority, then from the five highest on the list the said House shall in like manner choose State having one vote. A quorum, for this purpose, shall consist of a member or members from two-thirds of the States, and a majority of all the States shall be necessary to a choice. In every case, after the choice of the President, the person having the greatest number of votes of the electors shall be the Vice-President. But if there should remain two or more who have equal votes, the Senate shall choose from them by ballot the Vice-President.]
4. The Congress may determine the time of choosing the electors and the day on which they shall give their votes, which day shall be the same throughout the United States.

\* This clause is superseded by Article XII., Amendments.

- Qualifications of the President.** 5. No person except a natural born citizen, or a citizen of the United States at the time of the adoption of this Constitution, shall be eligible to the office of President; neither shall any person be eligible to that office who shall not have attained to the age of thirty-five years and been fourteen years a resident within the United States.
- Provision in case of his disability.** 6. In case of the removal of the President from office, or of his death, resignation, or inability to discharge the powers and duties of the said office, the same shall devolve on the Vice-President, and the Congress may by law provide for the case of removal, death, resignation, or inability, both of the President and Vice-President, declaring what officer shall then act as President, and such officer shall act accordingly until the disability be removed or a President shall be elected.
- Salary of the President.** 7. The President shall, at stated times, receive for his services a compensation, which shall neither be increased nor diminished during the period for which he shall have been elected, and he shall not receive within that period any other emolument from the United States, or any of them.
- Oath of the President.** 8. Before he enter on the execution of his office, he shall take the following oath or affirmation: "I do solemnly swear (or affirm) that I will faithfully execute the office of President of the United States, and will, to the best of my ability, preserve, protect, and defend the Constitution of the United States."
- Duties of the President.** SECTION II. 1. The President shall be Commander-in-Chief of the Army and Navy of the United States, and of the militia of the several States when called into the actual service of the United States; he may require the opinion, in writing, of the principal officer in each of the executive departments upon any subject relating to the duties of their respective offices, and he shall have power to grant reprieves and pardons for offences against the United States except in cases of impeachment.
- May make treaties, appoint ambassadors, judges, etc.** 2. He shall have power, by and with the advice and consent of the Senate, to make treaties, provided two-thirds of the Senators present concur; and he shall nominate, and by and with the advice and consent of the Senate shall appoint ambassadors, other public ministers and consuls, judges of the Supreme Court, and all other officers of the United States whose appointments are not herein otherwise provided for, and which shall be established by law; but the Congress may by law vest the appointment of such inferior officers as they think proper in the President alone, in the courts of law, or in the heads of departments.
- May fill vacancies.** 3. The President shall have power to fill up all vacancies that may happen during the recess of the Senate by granting commissions, which shall expire at the end of their next session.
- May make recommendations to and convene Congress.** SECTION III. He shall from time to time give to the Congress information of the state of the Union, and recommend to their consideration such measures as he shall judge necessary and expedient; he may, on extraordinary occasions, convene both Houses, or either of them, and in case of disagreement between them with respect to the time of adjournment, he may adjourn them to such time as he shall think proper; he shall receive ambassadors and other public ministers; he shall take care that the laws be faithfully executed, and shall commission all the officers of the United States.
- How officers may be removed.** SECTION IV. The President, Vice-President, and all civil officers of the United States shall be removed from office on impeachment for and conviction of treason, bribery, or other high crimes and misdemeanors.

ARTICLE III.

- Judicial power, how invested.** SECTION I. The judicial power of the United States shall be vested in one Supreme Court, and in such inferior courts as the Congress may from time to time ordain and establish. The judges, both of the Supreme and inferior courts, shall hold their offices during good behavior, and shall at stated times receive for their services a compensation, which shall not be diminished during their continuance in office.
- To what cases it extends.** SECTION II. 1. The judicial power shall extend to all cases in law and equity arising under this Constitution, the laws of the United States, and treaties made, or which shall be made, under their authority; to all cases affecting ambassadors, other public ministers, and consuls; to all cases of admiralty and maritime jurisdiction; to controversies to which the United States shall be a party; to controversies between two or more States, between a State and citizens of another State, between citizens of different States, between citizens of the same State claiming lands under grants of different States, and between a State, or the citizens thereof, and foreign States, citizens, or subjects.
- Jurisdiction of the Supreme Court.** 2. In all cases affecting ambassadors, other public ministers, and consuls, and those in which a State shall be a party, the Supreme Court shall have original jurisdiction. In all the other cases before-mentioned the Supreme Court shall have appellate jurisdiction both as to law and fact, with such exceptions and under such regulations as the Congress shall make.
- Rules respecting trials.** 3. The trial of all crimes, except in cases of impeachment, shall be by jury, and such trial shall be held in the State where the said crimes shall have been committed; but when not committed within any State the trial shall be at such place or places as the Congress may by law have directed.
- Treason defined.** SECTION III. 1. Treason against the United States shall consist only in levying war against them, or in adhering to their enemies, giving them aid and comfort. No person shall be convicted of treason unless on the testimony of two witnesses to the same overt act, or on confession in open court.
- How punished.** 2. The Congress shall have power to declare the punishment of treason, but no attainder of treason shall work corruption of blood or forfeiture except during the life of the person attained.

ARTICLE IV.

- Rights of States and records.** SECTION I. Full faith and credit shall be given in each State to the public acts, records, and judicial proceedings of every other State. And the Congress may by general laws prescribe the manner in which such acts, records, and proceedings shall be proved, and the effect thereof.
- Privileges of citizens.** SECTION II. 1. The citizens of each State shall be entitled to all privileges and immunities of citizens in the several States.
- Executive requisitions.** 2. A person charged in any State with treason, felony, or other crime, who shall flee from justice, and be found in another State, shall, on demand of the Executive authority of the State from which he fled, be delivered up, to be removed to the State having jurisdiction of the crime.
- Laws regulating service or labor.** 3. No person held to service or labor in one State, under the laws thereof, escaping into another, shall, in consequence of any law or regulation therein, be discharged from such service or labor, but shall be delivered up on claim of the party to whom such service or labor may be due.
- New States, how formed and admitted.** SECTION III. 1. New States may be admitted by the Congress into this Union; but no new State shall be formed or erected within the jurisdiction of any other State, nor any State be formed by the junction of two or more States, or parts of States, without the consent of the Legislatures of the States concerned, as well as of the Congress.
- Power of Congress over public lands.** 2. The Congress shall have power to dispose of and make all needful rules and regulations respecting the territory or other property belonging to the United States; and nothing in this Constitution shall be so construed as to prejudice any claims of the United States, or of any particular State.
- Republican government guaranteed.** SECTION IV. The United States shall guarantee to every State in this Union a republican form of government, and shall protect each of them against invasion, and, on application of the Legislature, or of the Executive (when the Legislature cannot be convened), against domestic violence.

ARTICLE V.

- Constitution, how amended.** The Congress, whenever two-thirds of both Houses shall deem it necessary, shall propose amendments to this Constitution, or, on the application of the Legislatures of two-thirds of the several States, shall call a convention for proposing amendments, which, in either case, shall be valid to all intents and purposes, as part of this Constitution, when ratified by the Legislatures of three-fourths of the several States, or by conventions in three-fourths thereof, as the one or the other mode of ratification may be proposed by the Congress; provided that no amendment which may be made prior to the year one thousand eight hundred and eight shall in any manner affect the first and fourth clauses in the Ninth Section of the First Article; and that no State, without its consent, shall be deprived of its equal suffrage in the Senate.

ARTICLE VI.

- Validity of debts recognized.** 1. All debts contracted and engagements entered into before the adoption of this Constitution shall be as valid against the United States under this Constitution as under the Confederation.

Supreme law of the land defined. 2. This Constitution and the laws of the United States which shall be made in pursuance thereof and all treaties made, or which shall be made, under the authority of the United States, shall be the supreme law of the land, and the judges in every State shall be bound thereby, anything in the Constitution or laws of any State to the contrary notwithstanding.

Oath; of whom required and for what. 3. The Senators and Representatives before mentioned, and the members of the several State Legislatures, and all executive and judicial officers, both of the United States and of the several States, shall be bound by oath or affirmation to support this Constitution; but no religious test shall ever be required as a qualification to any office or public trust under the United States.

#### ARTICLE VII.

Ratification of the Constitution. The ratification of the Conventions of nine States shall be sufficient for the establishment of this Constitution between the States so ratifying the same.

### AMENDMENTS TO THE CONSTITUTION.

#### ARTICLE I.

Religion and free speech. Congress shall make no law respecting an establishment of religion, or prohibiting the free exercise thereof, or abridging the freedom of speech or of the press; or the right of the people peaceably to assemble, and to petition the Government for a redress of grievances.

#### ARTICLE II.

Right to bear arms. A well-regulated militia being necessary to the security of a free State, the right of the people to keep and bear arms shall not be infringed.

#### ARTICLE III.

Soldiers in time of peace. No soldier shall, in time of peace, be quartered in any house without the consent of the owner, nor in time of war but in a manner to be prescribed by law.

#### ARTICLE IV.

Right of search. The right of the people to be secure in their persons, houses, papers, and effects, against unreasonable searches and seizures, shall not be violated, and no warrants shall issue but upon probable cause, supported by oath or affirmation, and particularly describing the place to be searched, and the persons or things to be seized.

#### ARTICLE V.

Capital crimes and arrest therefor. No person shall be held to answer for a capital or other infamous crime unless on a presentment or indictment of a grand jury, except in cases arising in the land or naval forces, or in the militia, when in actual service, in time of war or public danger; nor shall any person be subject for the same offence to be twice put in jeopardy of life or limb; nor shall be compelled in any criminal case to be a witness against himself, nor be deprived of life, liberty, or property, without due process of law; nor shall private property be taken for public use without just compensation.

#### ARTICLE VI.

Right to speedy trial. In all criminal prosecutions, the accused shall enjoy the right to a speedy and public trial, by an impartial jury of the district and district wherein the crime shall have been committed, which district shall have been previously ascertained by law, and to be informed of the nature and cause of the accusation; to be confronted with the witnesses against him; to have compulsory process for obtaining witnesses in his favor, and to have the assistance of counsel for his defence.

#### ARTICLE VII.

Trial by jury. In suits at common law, where the value in controversy shall exceed twenty dollars, the right of trial by jury shall be preserved, and no fact tried by a jury shall be otherwise re-examined in any court of the United States than according to the rules of the common law.

#### ARTICLE VIII.

Excessive bail. Excessive bail shall not be required, nor excessive fines imposed, nor cruel and unusual punishments inflicted.

#### ARTICLE IX.

Enumeration of rights. The enumeration in the Constitution of certain rights shall not be construed to deny or disparage others retained by the people.

#### ARTICLE X.

Reserved rights of States. The powers not delegated to the United States by the Constitution, nor prohibited by it to the States, are reserved to the States respectively, or to the people.

#### ARTICLE XI.

Judicial power. The judicial power of the United States shall not be construed to extend to any suit in law or equity, commenced or prosecuted against one of the United States, by citizens of another State, or by citizens or subjects of any foreign State.

#### ARTICLE XII.

Electors in Presidential elections. The electors shall meet in their respective States, and vote by ballot for President and Vice-President, one of whom at least shall not be an inhabitant of the same State with themselves; they shall name in their ballots the person voted for as President, and in distinct ballots the person voted for as Vice-President; and they shall make distinct lists of all persons voted for as President, and of all persons voted for as Vice-President, and of the number of votes for each, which list they shall sign and certify, and transmit, sealed, to the seat of the Government of the United States, directed to the President of the Senate; the President of the Senate shall, in the presence of the Senate and House of Representatives, open all the certificates, and the votes shall then be counted; the person having the greatest number of votes for President shall be the President, if such number be a majority of the whole number of electors appointed; and if no person have such majority, then from the persons having the highest numbers, not exceeding three, on the list of those voted for as President, the House of Representatives shall choose immediately, by ballot, the President. But in choosing the President, the votes shall be taken by States, the representation from each State having one vote; a quorum for this purpose shall consist of a member or members from two-thirds of the States, and a majority of all the States shall be necessary to a choice. And if the House of Representatives shall not choose a President, whenever the right of choice shall devolve upon them, before the fourth day of March next following, then the Vice-President shall act as President, as in the case of the death or other constitutional disability of the President. The person having the greatest number of votes as Vice-President shall be the Vice-President, if such number be a majority of the whole number of electors appointed, and if no person have a majority, then from the two highest numbers on the list the Senate shall choose the Vice-President; a quorum for the purpose shall consist of two-thirds of the whole number of Senators, and a majority of the whole number shall be necessary to a choice. But no person constitutionally ineligible to the office of President shall be eligible to that of Vice-President of the United States.

#### ARTICLE XIII.

Slavery prohibited. 1. Neither slavery nor involuntary servitude, except as a punishment for crime whereof the party shall have been duly convicted, shall exist within the United States, or any place subject to their jurisdiction.  
2. Congress shall have power to enforce this article by appropriate legislation.

## CONSTITUTION OF THE UNITED STATES—Continued.

## ARTICLE XIV.

- Protection for all citizens.** 1. All persons born or naturalized in the United States, and subject to the jurisdiction thereof, are citizens of the United States and of the State wherein they reside. No State shall make or enforce any law which shall abridge the privileges or immunities of citizens of the United States; nor shall any State deprive any person of life, liberty, or property without due process of law, nor deny to any person within its jurisdiction the equal protection of the laws.
- Apportionment of Representatives.** 2. Representatives shall be apportioned among the several States according to their respective numbers, counting the whole number of persons in each State, excluding Indians not taxed. But when the right to vote at any election for the choice of electors for President and Vice-President of the United States, Representatives in Congress, the executive and judicial officers of a State, or the members of the Legislature thereof, is denied to any of the male members of such State, being twenty-one years of age, and citizens of the United States, or in any way abridged, except for participation in rebellion or other crime, the basis of representation therein shall be reduced in the proportion which the number of such male citizens shall bear to the whole number of male citizens twenty-one years of age in such State.
- Rebellion against the United States.** 3. No person shall be a Senator or Representative in Congress, or elector of President and Vice-President, or holding any office, civil or military, under the United States, or under any State, who, having previously taken an oath, as a member of Congress, or as an officer of the United States, or as a member of any State Legislature, or as an executive or judicial officer of any State, to support the Constitution of the United States, shall have engaged in insurrection or rebellion against the same, or given aid and comfort to the enemies thereof. But Congress may, by a vote of two-thirds of each House, remove such disability.
- The public debt.** 4. The validity of the public debt of the United States, authorized by law, including debts incurred for payment of pensions and bounties for services in suppressing insurrection and rebellion, shall not be questioned. But neither the United States nor any State shall assume or pay any debt or obligation incurred in aid of insurrection or rebellion against the United States, or any claim for the loss or emancipation of any slave; but all such debts, obligations, and claims shall be held illegal and void.
5. The Congress shall have power to enforce by appropriate legislation the provisions of this article.

## ARTICLE XV.

- Right of suffrage.** 1. The right of the citizens of the United States to vote shall not be denied or abridged by the United States or by any State on account of race, color, or previous condition of servitude.
2. The Congress shall have power to enforce the provisions of this article by appropriate legislation.

## RATIFICATION OF THE CONSTITUTION.

The Constitution was ratified by the thirteen original States in the following order:

Delaware, December 7, 1787, unanimously.  
 Pennsylvania, December 12, 1787, vote 46 to 23.  
 New Jersey, December 18, 1787, unanimously.  
 Georgia, January 2, 1788, unanimously.  
 Connecticut, January 9, 1788, vote 128 to 40.  
 Massachusetts, February 6, 1788, vote 187 to 167.  
 Maryland, April 28, 1788, vote 63 to 12.

South Carolina, May 23, 1788, vote 149 to 73.  
 New Hampshire, June 21, 1788, vote 57 to 46.  
 Virginia, June 25, 1788, vote 89 to 79.  
 New York, July 26, 1788, vote 30 to 28.  
 North Carolina, November 21, 1789, vote 193 to 75.  
 Rhode Island, May 29, 1790, vote 34 to 35.

## RATIFICATION OF THE AMENDMENTS.

I. to X. inclusive were declared in force December 15, 1791.

XI. was declared in force January 9, 1798.

XII., regulating elections, was ratified by all the States except Connecticut, Delaware, Massachusetts, and New Hampshire, which rejected it. It was declared in force September 28, 1804.

XIII. The emancipation amendment was ratified by 31 of the 36 States; rejected by Delaware and Kentucky, not acted on by Texas; conditionally ratified by Alabama and Mississippi. Proclaimed December 18, 1865.

XIV. Reconstruction amendment was ratified by 23 Northern States; rejected by Delaware, Kentucky, Maryland, and 10 Southern States, and not acted on by California. The 10 Southern States subsequently ratified under pressure. Proclaimed July 28, 1868.

XV. Negro citizenship amendment was not acted on by Tennessee, rejected by California, Delaware, Kentucky, Maryland, New Jersey, and Oregon; ratified by the remaining 30 States. New York rescinded its ratification January 5, 1870. Proclaimed March 30, 1870.

## The Capitol at Washington.

THE Capitol is situated in latitude  $38^{\circ} 53' 20''$ .4 north and longitude  $77^{\circ} 00' 35''$ .7 west from Greenwich. It fronts east, and stands on a plateau eighty-eight feet above the level of the Potomac. The rotunda is ninety-five feet six inches in diameter, and its height from the floor to the top of the canopy is one hundred and eighty feet three inches.

The Senate Chamber is one hundred and thirteen feet three inches in length, by eighty feet three inches in width, and thirty-six feet in height. The galleries will accommodate one thousand persons.

The Representatives' Hall is one hundred and thirty-nine feet in length, by ninety-three feet in width, and thirty-six feet in height.

The room now occupied by the Supreme Court was, until 1859, occupied as the Senate Chamber. Previous to that time the court occupied the room immediately beneath, now used as a law library.

## The Yellowstone National Park.

THE reservation known as the Yellowstone National Park, set apart for public uses by an act of Congress passed in 1872, covers a tract of about sixty-five miles in length, from north to south, and about fifty-five miles in width, from east to west, lying chiefly in Northwestern Wyoming, and overlapping, to a small extent, the boundaries of Montana, on the north, and Idaho, on the west. This gives an area of 3,312 square miles, a tract that is nearly the area of the States of Rhode Island and Delaware combined, and nearly half as large as the State of Massachusetts. The Rocky Mountain chain crosses the southwestern portion in an irregular line, leaving by far the greater expanse on the eastern side. The least elevation of any of the narrow valleys is 6,000 feet, and some of them are from 1,000 to 2,000 feet higher. The mountain ranges which hem in these valleys are from 10,000 to upward of 11,000 feet in height, Electric Peak (in the northwest corner of the park, not far back of Mammoth Hot Springs) having an elevation of 11,155 feet, and Mount Langford and Turret Mountain (both in the Yellowstone Range) reaching the height of 11,155 and 11,142 feet respectively.

## Passport Regulations.

RULES governing the granting and issuing of passports in the United States:

1. **BY WHOM ISSUED.**—No one but the Secretary of State may grant and issue passports in the United States.—Revised Statutes, secs. 4075, 4078.

A person who is entitled to receive a passport if temporarily abroad should apply to the diplomatic representative of the United States in the country where he happens to be; or, in the absence of a diplomatic representative, to the consul-general of the United States; or, in the absence of both, to the consul of the United States. The necessary statement may be made before the nearest consular officer of the United States.

Application for a passport by a person in one of the insular possessions of the United States should be made to the Chief Executive of such possession.

2. **TO WHOM ISSUED.**—The law forbids the granting of a passport to any person who does not owe allegiance to the United States.

A person who has only made the declaration of intention to become a citizen of the United States cannot receive a passport.

3. **APPLICATIONS.**—A person who is entitled to receive a passport, if within the United States, must make a written application, in the form of an affidavit, to the Secretary of State.

The affidavit must be attested by an officer authorized to administer oaths, and if he has an official seal it must be affixed. If he has no seal, his official character must be authenticated by certificate of the proper legal officer.

If the applicant signs by mark, two attesting witnesses to his signature are required.

The applicant is required to state the date and place of his birth, his occupation, and the place of his permanent residence, and to declare that he goes abroad for temporary sojourn and intends to return to the United States with the purpose of residing and performing the duties of citizenship therein.

The applicant must take the oath of allegiance to the Government of the United States.

The application must be accompanied by a description of the person applying, and should state the following particulars, viz.: Age, — years; stature, — feet — inches (English measure); forehead, —; eyes, —; nose, —; mouth, —; chin, —; hair, —; complexion, —; face, —.

The application must be accompanied by a certificate from at least one credible witness that the applicant is the person he represents himself to be, and that the facts stated in the affidavit are true to the best of the witness's knowledge and belief.

4. **NATIVE CITIZENS.**—An application containing the information indicated by rule 3 will be sufficient evidence in the case of native citizens.

5. **A PERSON BORN ABROAD WHOSE FATHER WAS A NATIVE CITIZEN OF THE UNITED STATES.**—In addition to the statements required by rule 3, his application must show that his father was born in the United States, resided therein, and was a citizen at the time of the applicant's birth. The Department may require that this affidavit be supported by that of one other citizen acquainted with the facts.

6. **NATURALIZED CITIZENS.**—In addition to the statements required by rule 3, a naturalized citizen must transmit his certificate of naturalization, or a duly certified copy of the court record thereof, with his application. It will be returned to him after inspection. He must state in his affidavit when and from what port he emigrated to this country, what ship he sailed in, where he has lived since his arrival in the United States, when and before what court he was naturalized, and that he is the identical person described in the certificate of naturalization. The signature to the application should conform in orthography to the applicant's name as written in his certificate of naturalization.

7. **WOMAN'S APPLICATION.**—If she is unmarried, in addition to the statements required by rule 3, she should state that she has never been married. If she is the wife of a native citizen of the United States the fact should be made to appear in her application. If she is the wife or widow of a naturalized citizen, in addition to the statements required by rule 3, she must transmit for inspection her husband's certificate of naturalization, must state that she is the wife (or widow) of the person described therein, and must set forth the facts of his emigration, naturalization, and residence, as required in the rule governing the application of a naturalized citizen.

8. **THE CHILD OF A NATURALIZED CITIZEN CLAIMING CITIZENSHIP THROUGH THE NATURALIZATION OF THE PARENT.**—In addition to the statements required by rule 3, the applicant must state that he or she is the son or daughter, as the case may be, of the person described in the certificate of naturalization, which must be submitted for inspection, and must set forth the facts of emigration, naturalization, and residence, as required in the rule governing the application of a naturalized citizen.

9. **A RESIDENT OF AN INSULAR POSSESSION OF THE UNITED STATES WHO OWES ALLEGIANCE TO THE UNITED STATES.**—In addition to the statements required by rule 3, he must state that he owes allegiance to the United States and that he does not acknowledge allegiance to any other government; and must submit an affidavit from at least two credible witnesses having good means of knowledge in substantiation of his statements of birth, residence, and loyalty.

10. **EXPIRATION OF PASSPORT.**—A passport expires two years from the date of its issuance. A new one will be issued upon a new application, and if the applicant be a naturalized citizen, the old passport will be accepted in lieu of a certificate of naturalization, if the application upon which it was issued is found to contain sufficient information as to the naturalization of the applicant.

11. **WIFE, MINOR CHILDREN, AND SERVANTS.**—When the applicant is accompanied by his wife, minor children, or servant who would be entitled to receive a passport, it will be sufficient to state the fact, giving the respective ages of the children and the allegiance of the servant, when one passport will suffice for all. For any other person in the party a separate passport will be required. A woman's passport may include her minor children and servant under the above-named conditions.

12. **PROFESSIONAL TITLES.**—They will not be inserted in passports.

13. **FEE.**—By act of Congress approved March 23, 1888, a fee of one dollar is required to be collected for every citizen's passport. That amount in currency or postal money order should accompany each application made by a citizen of the United States. Orders should be made payable to the Disbursing Clerk of the Department of State. Drafts or checks will not be accepted.

14. **VISAS OF PASSPORTS.**—They will not be procured by the Department of State from the representatives of foreign governments.

15. **BLANK FORMS OF APPLICATION.**—They will be furnished by the Department to persons who desire to apply for passports, but are not furnished, except as samples, to those who make a business of procuring passports.

16. **ADDRESSES.**—Communications should be addressed to the Department of State, Passport Bureau, and each communication should give the post-office address of the person to whom the answer is to be directed.

17. **REJECTION OF APPLICATION.**—The Secretary of State may refuse to issue a passport to any one who, he has reason to believe, desires it for an unlawful or improper purpose, or who is unable or unwilling to comply with the rules.

OYSTER BAY, NEW YORK, July 19, 1902.

THEODORE ROOSEVELT.

## The United States Board on Geographic Names.

AN EXECUTIVE ORDER issued by President Harrison Sept. 4, 1890, requires that uniform usage in regard to geographic nomenclature and orthography shall obtain throughout the Executive Departments of the Government, and particularly upon maps and charts issued by the various departments and bureaus. To this Board must be referred all unsettled questions concerning geographic names which arise in the departments, and its decisions are to be accepted by the departments as the standard authority in such matters.

### MEMBERS OF THE BOARD.

*Chairman*—Henry Gannett, United States Geological Survey.

*Secretary*—Marcus Baker, United States Geological Survey.

Andrew H. Allen, Department of State; A. B. Johnson, of the Light-House Board; Commander W. H. H. Southerland, Hydrographic Office, Navy Department; A. Von Haake, Post-Office Department; Prof. Otis T. Mason, Smithsonian Institution; Herbert G. Ogden, United States Coast and Geodetic Survey; Harry King, General Land Office; Capt. H. T. Brian, Government Printing Office, John Hyde, Department of Agriculture; Major J. L. Lusk, Corps of Engineers, U. S. A.



**Declaration of Independence.**

IN CONGRESS JULY 4, 1776.

THE unanimous declaration of the thirteen United States of America. When in the Course of human events, it becomes necessary for one people to dissolve the political bands which have connected them with another, and to assume among the powers of the earth, the separate and equal station to which the Laws of Nature and of Nature's God entitles them, a decent respect to the opinions of mankind requires that they should declare the causes which impel them to the separation.

We hold these truths to be self-evident, that all men are created equal, that they are endowed by their Creator with certain unalienable Rights, that among these are Life, Liberty and the pursuit of Happiness. That to secure these rights, Governments are instituted among Men, deriving their just powers from the consent of the governed, That whenever any Form of Government becomes destructive of these ends, it is the Right of the People to alter or to abolish it, and to institute new Government, laying its foundation on such principles and organizing its powers in such form, as to them shall seem most likely to effect their Safety and Happiness. Prudence, indeed, will dictate that Governments long established should not be changed for light and transient causes; and accordingly all experience hath shewn, that mankind are more disposed to suffer, while evils are sufferable, than to right themselves by abolishing the forms to which they are accustomed. But when a long train of abuses and usurpations, pursuing invariably the same Object evinces a design to reduce them under absolute Despotism, it is their right, it is their duty, to throw off such Government, and to provide new Guards for their future security. Such has been the patient sufferance of these Colonies; and such is now the necessity which constrains them to alter their former Systems of Government. The history of the present King of Great Britain is a history of repeated injuries and usurpations, all having in direct object the establishment of an absolute Tyranny over these States. To prove this, let Facts be submitted to a candid world.

He has refused his Assent to Laws, the most wholesome and necessary for the public good. He has forbidden his Governors to pass Laws of immediate and pressing importance, unless suspended in their operation till his Assent should be obtained; and when so suspended, he has utterly neglected to attend to them.

He has refused to pass other Laws for the accommodation of large districts of people, unless those people would relinquish the right of Representation in the Legislature, a right inestimable to them and formidable to tyrants only.

He has called together together legislative bodies at places unusual, uncomfortable, and distant from the depository of their public Records, for the sole purpose of fatiguing them into compliance with his measures.

He has dissolved Representative Houses repeatedly, for opposing with manly firmness his invasions on the rights of the people.

He has refused for a long time, after such dissolutions, to cause others to be elected; whereby the Legislative powers, incapable of Annihilation, have returned to the People at large for their exercise; the State remaining in the meantime exposed to all the dangers of invasion from without, and convulsions within.

He has endeavored to prevent the population of these States; for that purpose obstructing the Laws for Naturalization of Foreigners; refusing to pass others to encourage their migrations hither, and raising the conditions of new Appropriations of Lands.

He has obstructed the Administration of Justice, by refusing his Assent to Laws for establishing Judiciary Powers.

He has made Judges dependent on his Will alone, for the tenure of their offices, and the amount and payment of their salaries.

He has erected a multitude of New Offices, and sent hither swarms of Officers to harass our people, and eat out their substance.

He has kept among us, in times of peace, Standing Armies without the Consent of our legislature. He has affected to render the Military independent of and superior to the Civil power.

He has combined with others to subject us to a Jurisdiction foreign to our constitution, and unacknowledged by our laws; giving his Assent to their Acts of pretended Legislation:

For quartering large bodies of armed troops among us;  
For protecting them, by a mock Trial, from punishment for any Murders which they should commit on the Inhabitants of these States;

For cutting off our Trade with all parts of the world;  
For imposing Taxes on us without our Consent;

For depriving us in many cases, of the benefits of Trial by jury;  
For transporting us beyond Seas to be tried for pretended offences;

For abolishing the free System of English Laws in a neighboring Province, establishing therein an Arbitrary government, and enlarging its Boundaries so as to render it at once an example and fit instrument for introducing the same absolute rule into these Colonies:

For taking away our Charters, abolishing our most valuable Laws, and altering fundamentally the Forms of our Governments;

For suspending our own Legislatures, and declaring themselves invested with power to legislate for us in all cases whatsoever.

He has abdicated Government here, by declaring us out of his Protection and waging War against us.

He has plundered our seas, ravaged our Coasts, burnt our towns, and destroyed the lives of our people.

He is at this time transporting large Armies of foreign Mercenaries to compleat the works of death, desolation and tyranny, already begun with circumstances of Cruelty & perfidy scarcely paralleled in the most barbarous ages, and totally unworthy the Head of a civilized nation.

He has constrained our fellow-Citizens taken Captive on the high Seas to bear Arms against their Country, to become the executioners of their friends and Brethren, or to fall themselves by their Hands.

He has excited domestic Insurrections amongst us, and has endeavored to bring on the inhabitants of our frontiers, the merciless Indian Savages, whose known rule of warfare, is an undistinguished destruction of all ages, sexes and conditions.

In every stage of these Oppressions We have Petitioned for Redress in the most humble terms: Our repeated Petitions have been answered only by repeated injury. A Prince, whose character is thus marked by every act which may define a Tyrant, is unfit to be the ruler of a free people.

Nor have We been wanting in attentions to our British brethren. We have warned them from time to time of attempts by their legislature to extend an unwarrantable jurisdiction over us. We have reminded them of the circumstances of our emigration and settlement here. We have ap-

## DECLARATION OF INDEPENDENCE—Continued.

pealed to their native justice and magnanimity, and we have conjured them by the ties of our common kindred to disavow these usurpations, which, would inevitably interrupt our connections and correspondence. They too have been deaf to the voice of justice and of consanguinity. We must, therefore, acquiesce in the necessity, which denounces our Separation, and hold them, as we hold the rest of mankind, Enemies in War, in Peace Friends.

WE, THEREFORE, the REPRESENTATIVES of the UNITED STATES OF AMERICA, IN GENERAL CONGRESS, Assembled, appealing to the Supreme Judge of the world for the rectitude of our intentions, do, in the Name, and by authority of the good People of these Colonies, solemnly PUBLISH and DECLARE, That these United Colonies are, and of Right ought to be FREE and INDEPENDENT States; that they are Absolved from all Allegiance to the British Crown, and that all political connection between them and the State of Great Britain, is and ought to be totally dissolved; and that as FREE and INDEPENDENT STATES, they have full Power to levy War, conclude Peace, contract Alliances, establish Commerce, and to do all other Acts and Things which INDEPENDENT STATES may of right do. And for the support of this Declaration, with a firm reliance on the protection of Divine Providence, We mutually pledge to each other our Lives, our Fortunes, and our sacred Honor.

(The foregoing declaration was, by order of Congress, engrossed, and signed by the following members.)

New Hampshire—Josiah Bartlett, Wm. Whipple, Matthew Thornton.  
 Massachusetts Bay—Saml. Adams, John Adams, Robt. Treat Paine, Elbridge Gerry.  
 Rhode Island, etc.—Step. Hopkins, William Ellery.  
 Connecticut—Roger Sherman, Sam'l Huntington, Wm. Williams, Oliver Wolcott.  
 New York—Wm. Floyd, Phil. Livingston, Frans. Lewis, Lewis Morris.  
 New Jersey—Richd. Stockton, Jno. Witherspoon, Fras. Hopkinson, John Hart, Abra. Clark.  
 Pennsylvania—Robt. Morris, Benjamin Rush, Benja. Franklin, John Morton, Geo. Clymer, Jas. Smith, Geo. Taylor, James Wilson, Geo. Ross.  
 Delaware—Caesar Rodney, Geo. Read, Theo. M'Kean.  
 Maryland—Samuel Chase, Wm. Paca, Thos. Stone, Charles Carroll of Carrollton.  
 Virginia—George Wythe, Richard Henry Lee, Th Jefferson, Benja. Harrison, Thos. Nelson, jr., Francis Lightfoot Lee, Carter Braxton.  
 North Carolina—Wm. Hooper, Joseph Hewes, John Penn.  
 South Carolina—Edward Rutledge, Thos. Heyward, junr., Thomas Lynch, junr., Arthur Middleton.  
 Georgia—Button Gwinnett, Lyman Hall, Geo. Walton.

JOHN HANCOCK.

### The Life-Saving Service.

THE ocean and lake coasts of the United States are picketed with the stations of the Life-Saving Service attached to the United States Treasury Department. Sumner I. Kimball is general superintendent, with headquarters at Washington, and there is a corps of inspectors, superintendents, station keepers, and crews, extending over the entire coast line, together with a Board on Life-Saving Appliances, composed of experts selected from the Revenue Marine Service, the Army, the Life-Saving Service, and civilians.

At the close of the last fiscal year the life-saving establishment embraced 272 stations, 195 being on the Atlantic coast, 60 on the lakes, 16 on the Pacific coast, and 1 at the falls of the Ohio, Louisville, Ky. In the following table are the statistics of the service:

|                              | Year Ending<br>June 30,<br>1902. | Since Introduction<br>of Life-Saving Sys-<br>tem in 1871, to<br>June 30, 1902. |                                                  | Year Ending<br>June 30,<br>1902. | Since Introduction<br>of Life-Saving Sys-<br>tem in 1871, to<br>June 30, 1902. |
|------------------------------|----------------------------------|--------------------------------------------------------------------------------|--------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------|
| Disasters.....               | 885                              | 13,379                                                                         | Shipwrecked persons succored<br>at stations..... | 712                              | 16,661                                                                         |
| Value property involved..... | \$14,393,010                     | \$201,300,539                                                                  | Days' succor afforded.....                       | 1,272                            | 40,592                                                                         |
| Value property saved.....    | \$1,125,220                      | \$158,370,977                                                                  | Vessels totally lost on U. S.<br>coasts.....     | 51                               | .....                                                                          |
| Value property lost.....     | \$2,267,790                      | \$42,929,552                                                                   |                                                  |                                  |                                                                                |
| Persons involved.....        | 3,424                            | 98,081                                                                         |                                                  |                                  |                                                                                |
| Persons lost.....            | 191                              | 1,003                                                                          |                                                  |                                  |                                                                                |

In addition to the foregoing there were 361 casualties to smaller craft, such as sailboats, row-boats, etc., on which there were 796 persons, of whom 979 were saved and 61 lost. The cost of the maintenance of the service during the year was \$1,654,392.96.

### United States Steamboat Inspection Service.

THE Supervising Inspector-General of the Steamboat Inspection Service, James A. Dumont, reported to the Secretary of the Treasury for the fiscal year ended June 30, 1902: Number of annual certificates of inspection issued to domestic steam, motor, sail vessels, and barges, 8,894; number of certificates issued to foreign passenger steamers, 367; total number of annual certificates of inspection issued, domestic and foreign, 9,261. Increase in number of certificates to domestic vessels over previous year, 62; increase in number of certificates to foreign steamers, 26; total increase in number of certificates issued to domestic and foreign vessels, 88. Gross tonnage of domestic vessels inspected, 3,706,450; gross tonnage of foreign steam vessels inspected, 1,587,076. Number of officers' licenses issued, 20,108; increase over previous year, 15,012; which increase occurs through renewal of five-year licenses issued during the last half of the fiscal year ended June 30, 1897. It is assumed a corresponding increase will be shown for the first half of the fiscal year ending June 30, 1903. Under this assumption it may be safely estimated that the total number of persons now holding licenses is about 40,000. Steamboat accidents year ended June 30, 1902, as follows:

| CAUSE.                                          | Number of<br>Accidents. | Number of<br>Lives Lost. | CAUSE.                         | Number of<br>Accidents. | Number of<br>Lives Lost. |
|-------------------------------------------------|-------------------------|--------------------------|--------------------------------|-------------------------|--------------------------|
| Fire.....                                       | 2                       | 68                       | Snags, wrecks, and sinking.... | 18                      | 106                      |
| Collisions.....                                 | 21                      | 78                       | Accidents to machinery.....    | 7                       | .....                    |
| Breaking of steam pipes, mud<br>drums, etc..... | 3                       | 4                        | Accidental drowning.....       | ..                      | *129                     |
| Explosions.....                                 | 4                       | 35                       | Miscellaneous causes.....      | ..                      | 25                       |
|                                                 |                         |                          | Total.....                     | 55                      | 445                      |

\*Of the number of those reported accidentally drowned, 25 are thought to be suicides. Increase over previous year, 110.

## Naturalization Laws of the United States.

THE conditions under and the manner in which an alien may be admitted to become a citizen of the United States are prescribed by Sections 2,165-74 of the Revised Statutes of the United States.

### DECLARATION OF INTENTIONS.

The alien must declare upon oath before a circuit or district court of the United States or a district or supreme court of the Territories, or a court of record of any of the States having common law jurisdiction and a seal and clerk, two years at least prior to his admission, that it is, *bona fide*, his intention to become a citizen of the United States, and to renounce forever all allegiance and fidelity to any foreign prince or State, and particularly to the one of which he may be at the time a citizen or subject.

### OATH ON APPLICATION FOR ADMISSION.

He must at the time of his application to be admitted declare on oath, before some one of the courts above specified, "that he will support the Constitution of the United States, and that he absolutely and entirely renounces and abjures all allegiance and fidelity to every foreign prince, potentate, State, or sovereignty, and particularly, by name, to the prince, potentate, State, or sovereignty of which he was before a citizen or subject," which proceedings must be recorded by the clerk of the court.

### CONDITIONS FOR CITIZENSHIP.

If it shall appear to the satisfaction of the court to which the alien has applied that he has made a declaration to become a citizen two years before applying for final papers, and has resided continuously within the United States for at least five years, and within the State or Territory where such court is at the time held one year at least; and that during that time "he has behaved as a man of good moral character, attached to the principles of the Constitution of the United States, and well disposed to the good order and happiness of the same," he will be admitted to citizenship. If the applicant has borne any hereditary title or order of nobility he must make an express renunciation of the same at the time of his application.

### SOLDIERS.

Any alien of the age of twenty-one years and upward who has been in the armies of the United States, and has been honorably discharged therefrom, may become a citizen on his petition, without any previous declaration of intention, provided that he has resided in the United States at least one year previous to his application, and is of good moral character. (It is judicially decided that residence of one year in a particular State is not requisite.)

### MINORS.

Any alien under the age of twenty-one years who has resided in the United States three years next preceding his arriving at that age, and who has continued to reside therein to the time he may make application to be admitted a citizen thereof, may, after he arrives at the age of twenty-one years, and after he has resided five years within the United States, including the three years of his minority, be admitted a citizen; but he must make a declaration on oath and prove to the satisfaction of the court that for two years next preceding it has been his *bona fide* intention to become a citizen.

### CHILDREN OF NATURALIZED CITIZENS.

The children of persons who have been duly naturalized, being under the age of twenty-one years at the time of the naturalization of their parents, shall, if dwelling in the United States, be considered as citizens thereof.

### CITIZENS' CHILDREN WHO ARE BORN ABROAD.

The children of persons who now are or have been citizens of the United States are, though born out of the limits and jurisdiction of the United States, considered as citizens thereof.

### CHINESE.

The naturalization of Chinamen is expressly prohibited by Section 14, Chapter 126, Laws of 1882.

### PROTECTION ABROAD TO NATURALIZED CITIZENS.

Section 2,000 of the Revised Statutes of the United States declares that "all naturalized citizens of the United States while in foreign countries are entitled to and shall receive from this Government the same protection of persons and property which is accorded to native-born citizens."

### THE RIGHT OF SUFFRAGE.

The right to vote comes from the State, and is a State gift. Naturalization is a Federal right and is a gift of the Union, not of any one State. In nearly one-half of the Union aliens (who have declared intentions) vote and have the right to vote equally with naturalized or native-born citizens. In the other half only actual citizens may vote. (See Table of Qualifications for Voting in each State, on another page.) The Federal naturalization laws apply to the whole Union alike, and provide that no alien may be naturalized until after five years' residence. Even after five years' residence and due naturalization he is not entitled to vote unless the laws of the State confer the privilege upon him, and he may vote in several States six months after landing, if he has declared his intention, under United States law, to become a citizen.

### INHABITANTS OF THE NEW INSULAR POSSESSIONS.

The inhabitants of Hawaii were declared to be citizens of the United States under the act of 1900 creating Hawaii a Territory. Under the United States Supreme Court decision in the insular cases, in May, 1901, the inhabitants of the Philippines and Porto Rico are entitled to full protection under the Constitution, but not to the privileges of United States citizenship until Congress so decrees, by admitting the countries as States or organizing them as Territories.

## Patent Office Procedure.

THE following statement has been revised by the Patent Office for THE WORLD ALMANAC for 1903:

Patents are issued in the name of the United States, and under the seal of the Patent Office, to any person who has invented or discovered any new and useful art, machine, manufacture, or composition of matter or any new and useful improvement thereof, not known or used by others in this country before his invention or discovery thereof and not patented or described in any printed publication in this or any foreign country, before his invention or discovery thereof or more than two years prior to his application, and not in public use or on sale in the United States for more than two years prior to his application, unless the same is proved to have been abandoned; and by any person who, by his own industry, genius, efforts, and expense, has invented and produced any new and original design for a manufacture, bust, statue, alto-relievo, or bas-relief; any new and original design for the printing of woollen, silk, cotton, or other fabrics; any new and original impression, ornament, pattern, print, or picture to be printed, painted, cast, or otherwise placed on or worked into any article of manufacture; or any new, useful, and original shape or configuration of any article of manufacture, the same not having been known nor used by others before his invention or production thereof, nor patented nor described in any printed publication, upon payment of the fees required by law and other due proceedings had.

Every patent contains a grant to the patentee, his heirs or assigns, for the term of seventeen years, except in the case of design patents, of the exclusive right to make, use, and vend the invention or discovery throughout the United States and the Territories, referring to the specification for the particulars thereof.

If it appear that the inventor, at the time of making his application, believed himself to be the first inventor or discoverer, a patent will not be refused on account of the invention or discovery, or any part thereof, having been known or used in any foreign country before his invention or discovery thereof, if it had not been before patented or described in any printed publication.

Joint inventors are entitled to a joint patent; neither can claim one separately. Independent inventors of distinct and independent improvements in the same machine cannot obtain a joint patent for their separate inventions; nor does the fact that one furnishes the capital and another makes the invention entitle them to make application as joint inventors; but in such case they may become joint patentees.

No person otherwise entitled thereto will be debarred from receiving a patent for his invention or discovery, by reason of its having been first patented or caused to be patented by the inventor or his legal representatives or assigns in a foreign country, unless the application for said foreign patent was filed more than seven months prior to the filing of the application in this country, in which case no patent shall be granted in this country.

### APPLICATIONS.

Applications for a patent must be made in writing to the Commissioner of Patents. The applicant must also file in the Patent Office a written description of the invention or discovery, and of the manner and process of making, constructing, compounding, and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art or science to which it appertains, or with which it is most nearly connected, to make, construct, compound, and use the same; and in case of a machine, he must explain the principle thereof, and the best mode in which he has contemplated applying that principle, so as to distinguish it from other inventions, and particularly point out and distinctly claim the part, improvement, or combination which he claims as his invention or discovery. The specification and claim must be signed by the inventor and attested by two witnesses.

When the nature of the case admits of drawings, the applicant must furnish a drawing of the required size, signed by the inventor or his attorney in fact, and attested by two witnesses. In all cases which admit of representation by model, the applicant, if required by the Patent Office, shall furnish a model of convenient size to exhibit advantageously the several parts of his invention or discovery.

The applicant shall make oath that he verily believes himself to be the original and first inventor or discoverer of the art, machine, manufacture, composition, or improvement for which he solicits a patent; that he does not know and does not believe that the same was ever before known or used, and shall state of what country he is a citizen and where he resides. In every original application the applicant must distinctly state under oath that the invention has not been patented to himself or to others with his knowledge or consent in this or any foreign country for more than two years prior to his application, or on an application for a patent filed in any foreign country by himself or his legal representatives or assigns more than seven months prior to his application in this country. If any application for patent has been filed in any foreign country by the applicant in this country or by his legal representatives or assigns, prior to his application in this country, he shall state the country or countries in which such application has been filed, giving the date of such application, and shall also state that no application has been filed in any other country or countries than those mentioned; that to the best of his knowledge and belief the invention has not been in public use or on sale in the United States nor described in any printed publication or patent in this or any foreign country for more than two years prior to his application in this country. Such oath may be made before any person within the United States authorized by law to administer oaths, or, when the applicant resides in a foreign country, before any minister, chargé d'affaires, consul, or commercial agent holding commission under the Government of the United States, or before any notary public of the foreign country in which the applicant may be, provided such notary is authorized by the laws of his country to administer oaths.

On the filing of such application and the payment of the fees required by law, if, on examination, it appears that the applicant is justly entitled to a patent under the law, and that the same is sufficiently useful and important, the Commissioner will issue a patent therefor.

Every patent or any interest therein shall be assignable in law by an instrument in writing; and the patentee or his assigns or legal representatives may, in like manner, grant and convey an exclusive right under his patent to the whole or any specified part of the United States.

### REISSUES.

A reissue is granted to the original patentee, his legal representatives, or the assignees of the entire interest when, by reason of a defective or insufficient specification, or by reason of the patentee claiming as his invention or discovery more than he had a right to claim as new, the original patent is impervious or invalid, provided the error has arisen from inadvertence, accident, or mistake, and without any fraudulent or deceptive intention. Reissue applications must be made and the specifications sworn to by the inventors, if they be living.

### CAVEATS.

A caveat, under the patent law, is a notice given to the office of the caveator's claim as inventor, in order to prevent the grant of a patent to another for the same alleged invention upon an application filed during the life of a caveat without notice to the caveator.

PATENT OFFICE PROCEDURE—Continued.

Any citizen of the United States who has made a new invention or discovery, and desires further time to mature the same, may, on payment of a fee of ten dollars, file in the Patent Office a caveat setting forth the object and the distinguishing characteristics of the invention, and praying protection of his right until he shall have matured his invention. Such caveat shall be filed in the confidential archives of the office and preserved in secrecy, and shall be operative for the term of one year from the filing thereof. The caveat may be renewed, on request in writing, by the payment of a second fee of ten dollars, and it will continue in force for one year from the payment of such second fee.

The caveat must comprise a specification, oath, and, when the nature of the case admits of it, a drawing, and, like the application, must be limited to a single invention or improvement.

**FEEES.**

Fees must be paid in advance, and are as follows: On filing each original application for a patent, \$15. On issuing each original patent, \$20. In design cases: For three years and six months, \$10; for seven years, \$15; for fourteen years, \$30. On filing each caveat, \$10. On every application for the reissue of a patent, \$30. On filing each disclaimer, \$10. For certified copies of patents and other papers in manuscript, ten cents per hundred words and twenty-five cents for the certificate; for certified copies of printed patents, eighty cents. For uncertified printed copies of specifications and drawings of patents, for single copies, or any number of unclassified copies, five cents each; for copies by subclasses, three cents each; by classes, two cents each, and for the entire set of patents issued, in one order, one cent each. For recording every assignment, agreement, power of attorney, or other paper, of three hundred words or under, \$1; of over three hundred and under one thousand words, \$2; of over one thousand words, \$3. For copies of drawings, the reasonable cost of making them. The Patent Office is prepared to furnish positive photographic copies of any drawing, foreign or domestic, in the possession of the office, in sizes and at rates as follows: Large size, 10x15 inches, twenty-five cents; medium size, 7x11 inches, fifteen cents. Fee for examining and registering trade mark, \$25, which includes certificate. Stamp cannot be accepted by the Patent Office in payment of fees. Stamps and stamped envelopes should not be sent to the office for replies to letters, as stamps are not required on mail matter emanating from the Patent Office.

**PATENT OFFICE STATISTICS.**

The receipts of the Patent Office during the year ending December 31, 1901, were \$1,449,398.16, and expenditures, \$1,297,385.64. Receipts over expenditures, \$152,012.52.

The following is a statement of the business of the office for the year ending December 31, 1901:

|                                                 |        |                                          |        |
|-------------------------------------------------|--------|------------------------------------------|--------|
| Number of applications for patents.....         | 43,973 | Number of patents granted, including re- |        |
| Number of applications for design patents.....  | 2,361  | issues and designs.....                  | 27,373 |
| Number of applications for reissue patents..... | 115    | Number of trade marks registered.....    | 1,928  |
| Number of applications for registration of      |        | Number of labels registered.....         | 878    |
| trade marks.....                                | 2,410  | Number of prints registered.....         | 159    |
| Number of applications for registration of      |        | Total.....                               | 30,338 |
| labels.....                                     | 1,064  | Number of patents withheld for non-pay-  |        |
| Number of applications for prints.....          | 233    | ment of final fees.....                  | 4,111  |
| Number of caveats filed.....                    | 1,842  | Number of patents expired.....           | 19,147 |
| Number of disclaimers filed.....                | 4      |                                          |        |
| Number of appeals on the merits.....            | 910    |                                          |        |
| Total.....                                      | 52,912 |                                          |        |

The total number of applications filed at the Patent Office in sixty-five years, 1837-1901, was 1,201,346; number of caveats filed, 114,363; number of original patents, including designs, issued, 702,934. Receipts to December 31, 1901, \$39,573,049.26; expenditures, \$36,199,057.51; net surplus, \$5,373,691.75.

The following is a statement of patents and designs issued in 1901 according to residence of patentees:

Alabama, 82; Alaska, 2; Arizona, 19; Arkansas, 102; California, 758; Colorado, 314; Connecticut, 758; Delaware, 56; District of Columbia, 215; Florida, 53; Georgia, 149; Hawaii, 11; Idaho, 29; Illinois, 2,430; Indian Territory, 22; Indiana, 660; Iowa, 571; Kansas, 249; Kentucky, 218; Louisiana, 121; Maine, 155; Maryland, 296; Massachusetts, 1,905; Michigan, 757; Minnesota, 417; Mississippi, 86; Missouri, 809; Montana, 60; Nebraska, 207; Nevada, 7; New Hampshire, 109; New Jersey, 1,198; New Mexico, 23; New York, 4,098; North Carolina, 103; North Dakota, 45; Ohio, 1,720; Oklahoma, 48; Oregon, 125; Pennsylvania, 2,837; Philippine Islands, 1; Porto Rico, 1; Rhode Island, 271; South Carolina, 47; South Dakota, 43; Tennessee, 194; Texas, 339; Utah, 55; Vermont, 73; Virginia, 192; Washington, 172; West Virginia, 118; Wisconsin, 530; Wyoming, 14; U. S. Army, 8; U. S. Navy, 8.

Foreign countries: Austria-Hungary, 356; Australasia, 89; Belgium, 54; Canada, 376; China, 2; Cuba, 4; England, 986; France, 306; Germany, 1,045; Ireland, 25; Italy, 37; Mexico, 11; Norway, 20; Russia, 29; Scotland, 55; Sweden, 53; Switzerland, 56; South America, 10; other countries, 116.

**GENERAL PATENT STATISTICS.**

The following table is compiled from the Report of the Commissioner of Patents for 1902. It exhibits the number of patents issued by foreign countries and the United States from the earliest records to December 31, 1901:

| COUNTRIES.          | To 1870<br>Inclusive. | 1871 to 1902. | Total.  | COUNTRIES.         | To 1870<br>Inclusive. | 1871 to 1902. | Total.    |
|---------------------|-----------------------|---------------|---------|--------------------|-----------------------|---------------|-----------|
| Austria.....        |                       | 25,173        | 25,173  | Russia.....        | 1,464                 | 11,235        | 12,699    |
| Austria-Hungary..   | 15,350                | 67,583        | 82,933  | Spain.....         |                       | 25,727        | 25,727    |
| Belgium.....        | 35,044                | 132,232       | 167,276 | Sweden.....        | 1,629                 | 15,116        | 16,745    |
| Canada.....         | 4,081                 | 73,641        | 77,722  | Switzerland.....   |                       | 22,562        | 22,562    |
| France.....         | 103,934               | 227,043       | 330,977 | All other foreign  |                       |               |           |
| Germany.....        | 9,996                 | 134,243       | 144,239 | countries.....     | 8,117                 | 91,550        | 99,667    |
| Great Britain.....  | 53,408                | 241,350       | 294,758 | Total foreign..... | 238,191               | 1,149,281     | 1,387,472 |
| Hungary.....        |                       | 18,780        | 18,780  | United States..... | 120,573               | 579,768       | 700,341   |
| India.....          | 445                   | 6,490         | 6,935   | Grand total.....   | 358,764               | 1,729,049     | 2,087,812 |
| Italy and Sardinia. | 4,723                 | 51,733        | 56,456  |                    |                       |               |           |
| Japan.....          |                       | 4,821         | 4,821   |                    |                       |               |           |

## Value of Foreign Coins in United States Money.

(Proclaimed by the Secretary of the Treasury October 1, 1902. \*)

| COUNTRY.    | Standard. | Monetary Unit.       | Value in U. S. Gold Dollar. | Coins.                                                                                                                                                                                                  |  |
|-------------|-----------|----------------------|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Argent. R.  | Gold      | Peso                 | \$0.96,5                    | Gold: argentine (\$4.82,4) and ½ argentine. Silver: peso and divisions.                                                                                                                                 |  |
| Austria-H.  | Gold      | Crown                | .20,3                       | Gold: former system—4 florins (\$1.92,9), 8 florins (\$3.85,8), ducat (\$2.28,7), and 4 ducats (\$9.14,9). Silver: 1 and 2 florins. Gold: present system—20 crowns (\$4.05,2) and 10 crowns (\$2.02,6). |  |
| Belgium     | Gold      | Franc                | .19,3                       | Gold: 10 and 20 francs. Silver: 5 francs.                                                                                                                                                               |  |
| Bolivia     | Silver    | Boliviano            | .38,4                       | Silver: boliviano and divisions.                                                                                                                                                                        |  |
| Brazil      | Gold      | Milreis              | .54,6                       | Gold: 5, 10, and 20 milreis. Silver: ½, 1, and 2 milreis.                                                                                                                                               |  |
| Canada      | Gold      | Dollar               | 1.00                        | Silver: peso and divisions.                                                                                                                                                                             |  |
| Cent. Am.   | Silver    | Peso                 | .38,4                       | Gold: escudo (\$1.82,5), doubloon (\$3.65), and condor (\$7.30). Silver: peso and divisions.                                                                                                            |  |
| Chile       | Gold      | Peso                 | .36,5                       |                                                                                                                                                                                                         |  |
| China       | Silver    | Tael                 | { Shanghai                  | .56,7                                                                                                                                                                                                   |  |
|             |           |                      | { Halkwan                   | .63,1                                                                                                                                                                                                   |  |
|             |           |                      | { Tientsin                  | .60,1                                                                                                                                                                                                   |  |
|             |           |                      | { Canton                    | .61,9                                                                                                                                                                                                   |  |
| Colombia    | Silver    | Peso                 | .38,4                       | Gold: condor (\$9.64,7) and double-condor. Silver: peso.                                                                                                                                                |  |
| Costa Rica  | Gold      | Colon                | .46,5                       | Gold: 2, 5, 10, and 20 colons (\$9.30,7). Silver: 5, 10, 25, and 50 centimos.                                                                                                                           |  |
| Cuba        | Gold      | Peso                 | .92,6                       | Gold: doubloon (\$5.01,7); Alphonse (\$4.82,3). Silver: peso.                                                                                                                                           |  |
| Denmark     | Gold      | Crown                | .26,8                       | Gold: 10 and 20 crowns.                                                                                                                                                                                 |  |
| Ecuador     | Silver    | Sucre                | .48,7                       | Silver: 10 sucres (\$4.86,65). Silver: sucre and divisions.                                                                                                                                             |  |
| Egypt       | Gold      | Pound (100 piasters) | 4.94,3                      | Gold: pound (100 piasters), 5, 10, 20, and 50 piasters. Silver: 1, 2, 5, 10, and 20 piasters.                                                                                                           |  |
| Finland     | Gold      | Mark                 | .19,3                       | Gold: 20 marks (\$3.85,9), 10 marks (\$1.93).                                                                                                                                                           |  |
| France      | Gold      | Franc                | .19,3                       | Gold: 5, 10, 20, 50, and 100 frs. Silver: 5 frs.                                                                                                                                                        |  |
| Germany     | Gold      | Mark                 | .23,8                       | Gold: 5, 10, and 20 marks.                                                                                                                                                                              |  |
| Gr. Britain | Gold      | Pound sterling       | 4.86,6½                     | Gold: sovereign (pound sterling) and ½ sov'gn.                                                                                                                                                          |  |
| Greece      | Gold      | Drachma              | .19,3                       | Gold: 5, 10, 20, 50, and 100 drachmas. Silver: 5 drachmas.                                                                                                                                              |  |
| Hayti       | Gold      | Gourde               | .96,5                       | Gold: 1, 2, 5, and 10 gourdes. Silver: gourde and divisions.                                                                                                                                            |  |
| India       | Gold      | Pound sterling†      | 4.86,6½                     | Gold: sov. (\$4.86,65). Sil.: rupee and div'ns.                                                                                                                                                         |  |
| Italy       | Gold      | Lira                 | .19,3                       | Gold: 5, 10, 20, 50, and 100 lire. Silver: 5 lire.                                                                                                                                                      |  |
| Japan       | Gold      | Yen                  | .49,8                       | Gold: 1, 2, 5, 10, and 20 yen. Silver: 10, 20, and 50 sen.                                                                                                                                              |  |
| Mexico      | Silver    | Dollar               | .41,7                       | Gold: dollar (\$0.98,3), 2½, 5, 10, and 20 dollars. Silver: dollar (or peso) and divisions.                                                                                                             |  |
| Neth'lands  | Gold      | Florin               | .40,2                       | Gold: 10 florins. Silver: ½, 1, and 2½ florins.                                                                                                                                                         |  |
| N'found'ld  | Gold      | Dollar               | 1.01,4                      | Gold: 2 dollars (\$2.02,7).                                                                                                                                                                             |  |
| Norway      | Gold      | Crown                | .26,8                       | Gold: 10 and 20 crowns.                                                                                                                                                                                 |  |
| Peru        | Gold      | Sol                  | .48,7                       | Gold: libra (\$4.86,65). Sil.: sol and divisions.                                                                                                                                                       |  |
| Portugal    | Gold      | Milreis              | 1.08                        | Gold: 1, 2, 5, and 10 milreis.                                                                                                                                                                          |  |
| Russia      | Gold      | Ruble                | .51,5                       | Gold: imperial (\$7.71,8) & ½ imperial, 7½ rubles (\$3.86). Silver: ¼, ½, and 1 ruble.                                                                                                                  |  |
| Spain       | Gold      | Peseta               | .19,3                       | Gold: 25 pesetas. Silver: 5 pesetas.                                                                                                                                                                    |  |
| Sweden      | Gold      | Crown                | .26,8                       | Gold: 10 and 20 crowns.                                                                                                                                                                                 |  |
| Switz'land  | Gold      | Franc                | .19,3                       | Gold: 5, 10, 20, 50, & 100 francs. Silver: 5 fr's.                                                                                                                                                      |  |
| Turkey      | Gold      | Piaster              | .04,4                       | Gold: 25, 50, 100, 250, and 500 piasters.                                                                                                                                                               |  |
| Uruguay     | Gold      | Peso                 | 1.03,4                      | Gold: peso. Silver: peso and divisions.                                                                                                                                                                 |  |
| Venezuela   | Gold      | Bolivar              | .19,3                       | Gold: 5, 10, 20, 50, and 100 bolivars. Silver: 5 bolivars.                                                                                                                                              |  |

\* The coins of silver-standard countries are valued by their pure silver contents, at the average market price of silver for the three months preceding the date of this circular. † Not including Costa Rica. ‡ The sovereign is the standard coin of India, but the rupee (\$0.32,4) is the money of account, current at 15 to the sovereign.

TABLE SHOWING THE VALUE OF FOREIGN COINS AND PAPER NOTES IN AMERICAN MONEY BASED UPON THE VALUES EXPRESSED IN THE ABOVE TABLE.

| NUMBER. | British £ Sterling. | German Mark. | French Franc, Italian Lira. | Chinese Tael (Shanghai). | Dutch Florin. | Indian Rupee. | Russian Gold Ruble. | Austrian Crown. |
|---------|---------------------|--------------|-----------------------------|--------------------------|---------------|---------------|---------------------|-----------------|
| 1       | \$4.86,6½           | \$0.23,8     | \$0.19,3                    | \$0.56,7                 | \$0.40,2      | \$0.32,4      | \$0.51,5            | \$0.20,3        |
| 2       | 9.73,3              | 0.47,6       | 0.38,6                      | 1.13,4                   | 0.80,4        | 0.64,8        | 1.03                | 0.40,6          |
| 3       | 14.59,9½            | 0.71,4       | 0.57,9                      | 1.70,1                   | 1.20,6        | 0.97,2        | 1.54,5              | 0.60,9          |
| 4       | 19.46,6             | 0.95,2       | 0.77,2                      | 2.26,8                   | 1.60,8        | 1.29,6        | 2.06                | 0.81,2          |
| 5       | 24.33,2½            | 1.19         | 0.96,5                      | 2.83,5                   | 2.01          | 1.62          | 2.57,5              | 1.01,5          |
| 6       | 29.19,9             | 1.42,8       | 1.15,8                      | 3.40,2                   | 2.41,2        | 2.04,4        | 3.09                | 1.21,8          |
| 7       | 34.06,5½            | 1.66,6       | 1.35,1                      | 3.96,9                   | 2.81,4        | 2.36,8        | 3.60,5              | 1.42,1          |
| 8       | 38.93,2             | 1.90,4       | 1.54,4                      | 4.53,6                   | 3.21,6        | 2.59,2        | 4.12                | 1.62,4          |
| 9       | 43.79,8½            | 2.14,2       | 1.73,7                      | 5.10,3                   | 3.61,8        | 2.91,6        | 4.63,5              | 1.82,7          |
| 10      | 48.66,5             | 2.38         | 1.93                        | 5.67                     | 4.02          | 3.24          | 5.15                | 2.03            |
| 20      | 97.33               | 4.76         | 3.86                        | 11.34                    | 8.04          | 6.48          | 10.30               | 4.06            |
| 30      | 145.99,5            | 7.14         | 5.79                        | 17.01                    | 12.06         | 9.72          | 15.45               | 6.09            |
| 40      | 194.66              | 9.52         | 7.72                        | 22.68                    | 16.08         | 12.96         | 20.60               | 8.12            |
| 50      | 243.32,5            | 11.90        | 9.65                        | 28.35                    | 20.10         | 16.20         | 25.75               | 10.15           |
| 100     | 486.65              | 23.80        | 19.30                       | 56.70                    | 40.20         | 32.40         | 51.50               | 20.30           |

United States Internal Revenue Receipts.

SUMMARY OF INTERNAL REVENUE RECEIPTS FROM 1873 TO 1902, INCLUSIVE.

| FISCAL YEARS. | Spirits.     | Tobacco.     | Fermented Liquors. | Banks and Bankers. | Miscellaneous. | Adhesive Stamps. | Collections Under Repealed Laws. |
|---------------|--------------|--------------|--------------------|--------------------|----------------|------------------|----------------------------------|
| 1873          | \$52,099,372 | \$34,386,303 | \$9,324,938        | \$3,771,031        | \$461,653      | \$7,702,377      | \$6,329,782                      |
| 1874          | 49,444,090   | 33,242,874   | 9,304,680          | 3,387,161          | 364,216        | 6,136,245        | 764,880                          |
| 1875          | 52,081,501   | 37,300,482   | 9,144,004          | 4,097,248          | 251,108        | 6,557,230        | 1,080,111                        |
| 1876          | 56,426,365   | 39,795,340   | 9,571,281          | 4,006,608          | 409,284        | 6,518,488        | 509,631                          |
| 1877          | 57,469,430   | 41,106,547   | 9,480,789          | 3,829,729          | 419,999        | 6,450,429        | 238,261                          |
| 1878          | 50,420,516   | 40,091,755   | 9,987,052          | 3,492,932          | 346,008        | 6,380,405        | 429,659                          |
| 1879          | 53,570,285   | 40,135,003   | 10,729,320         | 3,198,894          | 578,591        | 6,237,538        | .....                            |
| 1880          | 61,185,509   | 38,870,149   | 12,829,803         | 3,350,985          | 383,756        | 7,668,394        | .....                            |
| 1881          | 67,153,975   | 42,854,991   | 13,700,241         | 3,762,208          | 231,078        | 7,924,708        | 152,163                          |
| 1882          | 69,873,408   | 47,391,989   | 16,153,920         | 5,255,458          | 199,830        | 7,570,109        | 78,559                           |
| 1883          | 74,368,775   | 42,104,250   | 16,900,616         | 3,748,995          | 305,803        | 7,053,053        | 71,852                           |
| 1884          | 76,905,855   | 26,062,400   | 18,084,954         | .....              | .....          | 289,144          | 265,068                          |
| 1885          | 67,511,209   | 26,407,088   | 18,230,782         | .....              | .....          | 232,681          | 49,361                           |
| 1886          | 69,092,266   | 27,907,263   | 19,576,731         | .....              | .....          | 194,422          | 33,087                           |
| 1887          | 65,766,076   | 30,083,710   | 21,918,212         | 4,398              | .....          | 219,058          | 29,283                           |
| 1888          | 69,287,431   | 30,636,076   | 23,324,218         | 4,203              | .....          | 154,970          | 9,548                            |
| 1889          | 74,302,887   | 31,862,195   | 23,723,835         | 6,179              | .....          | 83,893           | .....                            |
| 1890          | 81,682,970   | 33,949,998   | 26,008,535         | 69                 | .....          | 135,555          | .....                            |
| 1891          | 83,335,964   | 32,796,271   | 28,565,130         | .....              | .....          | 256,214          | .....                            |
| 1892          | 91,309,984   | 31,000,493   | 30,037,453         | .....              | .....          | 239,532          | .....                            |
| 1893          | 94,712,938   | 31,843,556   | 32,527,424         | .....              | .....          | 166,915          | .....                            |
| 1894          | 85,259,252   | 28,617,899   | 31,414,788         | 2                  | .....          | 1,876,509        | .....                            |
| 1895          | 79,862,627   | 29,707,908   | 31,640,618         | .....              | .....          | 1,960,794        | .....                            |
| 1896          | 80,670,071   | 30,711,629   | 33,784,235         | 135                | .....          | 1,664,545        | .....                            |
| 1897          | 82,008,543   | 30,710,297   | 32,472,162         | 85                 | .....          | 1,426,506        | .....                            |
| 1898          | 92,547,000   | 36,230,522   | 39,515,421         | 1,180              | .....          | 2,572,636        | 794,418                          |
| 1899          | 99,293,534   | 52,493,208   | 68,644,558         | .....              | .....          | 9,225,453        | 43,837,819                       |
| 1900          | 109,868,817  | 59,355,084   | 73,550,754         | 1,461              | .....          | 11,575,626       | 40,964,365                       |
| 1901          | 116,027,980  | 62,481,907   | 73,669,908         | 1,918              | .....          | 13,448,921       | 39,241,036                       |
| 1902          | 121,138,013  | 51,937,925   | 71,988,902         | 228                | .....          | 13,360,130       | 13,442,792                       |

Of the receipts in 1902 classed as "Miscellaneous," \$4,342,967 was from legacies, \$4,262,902 from special taxes on bankers, billiard rooms, brokers, and exhibitions, and \$730,377 from excise tax on gross receipts, under the War Revenue law of 1898; \$2,944,492 from oleomargarine, \$364,678 from playing cards, and \$208,209 from penalties.

RECEIPTS BY STATES AND TERRITORIES.

FISCAL YEAR ENDED JUNE 30, 1902.

| STATES AND TERRITORIES.                | Aggregate Collections. | STATES AND TERRITORIES.        | Aggregate Collections. |
|----------------------------------------|------------------------|--------------------------------|------------------------|
| Alabama                                | \$402,515.47           | Montana, Idaho, and Utah       | \$792,657.23           |
| Arkansas                               | 154,093.73             | Nebraska                       | 2,859,789.02           |
| California and Nevada                  | 3,785,926.74           | New Hampshire, Maine, Vermont. | 964,528.65             |
| Colorado and Wyoming                   | 975,429.33             | New Jersey                     | 8,065,946.35           |
| Connecticut and Rhode Island           | 3,062,808.61           | New Mexico and Arizona         | 76,730.18              |
| Florida                                | 611,534.09             | New York                       | 33,694,831.27          |
| Georgia                                | 601,806.54             | North Carolina                 | 5,618,659.50           |
| Hawaii                                 | 70,235.22              | North and South Dakota         | 157,927.87             |
| Illinois                               | 54,029,115.26          | Ohio                           | 22,073,559.51          |
| Indiana                                | 25,178,552.61          | Oregon, Washington, and Alaska | 1,092,016.89           |
| Iowa                                   | 1,251,166.64           | Pennsylvania                   | 22,841,689.22          |
| Kansas, Indian Ter., and Oklahoma      | 750,476.32             | South Carolina                 | 458,075.29             |
| Kentucky                               | 21,969,013.30          | Tennessee                      | 1,940,477.37           |
| Louisiana and Mississippi              | 2,453,925.47           | Texas                          | 1,143,932.58           |
| Maryland, Del., D.C., and 2 Va. Dists. | 7,410,911.17           | Virginia                       | 4,097,788.94           |
| Massachusetts                          | 5,956,538.74           | West Virginia                  | 1,401,375.66           |
| Michigan                               | 4,550,595.42           | Wisconsin                      | 10,029,943.22          |
| Minnesota                              | 2,161,062.84           | Total                          | \$271,867,990.25       |
| Missouri                               | 14,212,323.87          |                                |                        |

WITHDRAWALS FOR CONSUMPTION.

The quantities of distilled spirits, fermented liquors, manufactured tobacco, snuff, cigars, cigarettes, oleomargarine, and filled cheese on which tax was paid during the last two fiscal years are as follows:

| ARTICLES TAXED.                                                                                                                                | Fiscal years ended June 30— |               | Increase.   | Decrease. |
|------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------------|-------------|-----------|
|                                                                                                                                                | 1901.                       | 1902.         |             |           |
| Spirits distilled from apples, peaches, grapes, pears, pineapples, oranges, apricots, berries, prunes, figs, and cherries, ..... galls.        | 1,509,271                   | 1,403,204     | .....       | 106,067   |
| Spirits distilled from materials other than apples, peaches, grapes, pears, pineapples, oranges, apricots, berries, prunes, etc., ..... galls. | 99,267,739                  | 102,401,447   | 4,133,715   | .....     |
| Fermented liquors, ..... bbls.                                                                                                                 | 40,517,078                  | 44,478,832    | 3,961,754   | .....     |
| Cigars, weighing more than 3 pounds per thousand, ..... no.                                                                                    | 5,770,934,869               | 6,103,567,265 | 332,632,896 | .....     |
| Cigars, weighing not more than 3 pounds per thousand, ..... no.                                                                                | 684,504,050                 | 760,932,370   | 76,428,320  | .....     |
| Cigarettes, weighing not more than 3 pounds per thousand, ..... no.                                                                            | 2,211,622,626               | 2,642,961,944 | 371,339,318 | .....     |
| Cigarettes, weighing more than 3 pounds per thousand, ..... no.                                                                                | 5,447,192                   | 8,656,853     | 3,209,661   | .....     |
| Snuff, ..... lbs.                                                                                                                              | 16,891,844                  | 17,671,136    | 979,292     | .....     |
| Tobacco, chewing and smoking, ..... lbs.                                                                                                       | 294,101,715                 | 298,048,339   | 3,946,624   | .....     |
| Oleomargarine, ..... lbs.                                                                                                                      | 101,846,332                 | 123,132,853   | 21,487,520  | .....     |
| Filled cheese, ..... lbs.                                                                                                                      | 1,305,597                   | .....         | .....       | 1,305,597 |

NOTE.—The quantity of mixed flour withdrawn cannot be stated, owing to the variable number of pounds taxed.

## United States Customs Duties.

A TABLE OF LEADING ARTICLES IMPORTED, GIVING RATE AT ENTRY BY THE TARIFF ACT OF 1897.

N. e. s. indicates "when not elsewhere specified." Tables showing comparison with the Rates by the Tariff of 1883 and the McKinley Tariff of 1890 were printed in THE WORLD ALMANAC for 1895, and the Wilson Tariff of 1894 and the Dingley Tariff of 1897 in the edition of 1898.

| ARTICLES.                                              | Tariff Rate.                           | ARTICLES.                                              | Tariff Rate.                |
|--------------------------------------------------------|----------------------------------------|--------------------------------------------------------|-----------------------------|
| Alcohol, amylic, or fusel oil.....                     | 4c. $\frac{1}{2}$ lb.                  | Earthenware, porcelain, etc., decorated.....           | 60 p. c. ad. val.           |
| Animals for breeding purposes.....                     | Free.                                  | Eggs.....                                              | 5c. $\frac{1}{2}$ doz.      |
| Barley, bushel of 48 lbs.....                          | 30c. per bushel.                       | Engravings.....                                        | 25 p. c. ad. val.           |
| Beads.....                                             | 35 p. c. ad. val.                      | Extracts, meat.....                                    | 35c. $\frac{1}{2}$ lb.      |
| Beef, mutton, and pork.....                            | 2c. $\frac{1}{2}$ lb.                  | Fertilizers, guanos, manures.....                      | Free.                       |
| Beer, ale, not in bottles.....                         | 20c. $\frac{1}{2}$ gal.                | Firearms.....                                          | (b)                         |
| Beer, porter, and ale, in bottles.....                 | 40c. "                                 | Fish, American fisheries.....                          | Free.                       |
| Bindings, cotton.....                                  | 45 p. c. ad. val.                      | Fish, smoked, dried.....                               | 3c. $\frac{1}{2}$ lb.       |
| Bindings, flax.....                                    | 45 "                                   | Flannels.....                                          | 22c. $\frac{1}{2}$ lb. and  |
| Bindings, wool.....                                    | 50c. $\frac{1}{2}$ lb. and             | Flannels, value 40c. to 50c.....                       | 30 p. c. ad. val.           |
| Blankets.....                                          | 22c. $\frac{1}{2}$ lb. and             | Flax, manufactures of, n. e. s.....                    | 45 p. c. ad. val.           |
| Blankets, value 40c. to 50c.....                       | 30 p. c. ad. val.                      | Flowers, artificial.....                               | 50                          |
| Bonnets, silk.....                                     | 33c. $\frac{1}{2}$ lb. and 35          | Fruits, preserved in their own juice.....              | 1c. $\frac{1}{2}$ lb. and   |
| Books, charts, maps.....                               | p. c. ad. val. (r)                     | Fruits, apples.....                                    | 35 p. c. ad. val.           |
| Books, over 20 years old, for public libraries.....    | 60 p. c. ad. val.                      | Fruits, oranges, lemons, n. e. s.....                  | 25c. $\frac{1}{2}$ bu.      |
| Bronze, manufactures of.....                           | Free.                                  | Fur, manufactures of.....                              | 1c. $\frac{1}{2}$ lb.       |
| Brushes.....                                           | 45 p. c. ad. val.                      | Furniture, wood.....                                   | 35 p. c. ad. val.           |
| Butter, and substitutes for.....                       | 40                                     | Glassware, plain and cut.....                          | 35                          |
| Buttons, sleeve and collar, gilt.....                  | 6c. $\frac{1}{2}$ lb.                  | Glass, polished plate, not over 16x24.....             | 80                          |
| Canvas for sails.....                                  | 50 p. c. ad. val.                      | Glass, silvered, not over 16x24.....                   | 6c. $\frac{1}{2}$ sq. foot. |
| Caps, fur and leather.....                             | 45                                     | Glass bottles, over 1 pint.....                        | 11c.                        |
| Carpets, treble ingrain.....                           | 22c. $\frac{1}{2}$ sq. yd. &           | Gloves, men's, ladies', children's.....                | 1c. $\frac{1}{2}$ lb.       |
| Carpets, two-ply.....                                  | 40 p. c. ad. val.                      | Glucose.....                                           | 11c. $\frac{1}{2}$ lb.      |
| Carpets, tapestry Brussels.....                        | 18c. $\frac{1}{2}$ sq. yd. &           | Glue, value not over 7c. per lb.....                   | 25c. $\frac{1}{2}$ lb. (g). |
| Carpets, Wilton, Axminster, velvet.....                | 40 p. c. ad. val.                      | Gold, manufactures of, not jewelry.....                | 45 p. c. ad. val.           |
| Cattle (over one year old).....                        | 27 $\frac{1}{2}$ p. c. ad. val.        | Hair of hogs, curled for mattresses.....               | 10                          |
| Cheese, all kinds.....                                 | 6c. $\frac{1}{2}$ lb.                  | Hair, human, unmanufactured.....                       | 35                          |
| Cigars and cigarettes.....                             | \$4.50 $\frac{1}{2}$ lb. and           | Hams and bacon.....                                    | 20 p. c.; not               |
| Clocks, n. e. s.....                                   | 25 p. c. ad. val.                      | Hay.....                                               | drawn, free.                |
| Clothing, ready-made, cotton, n. e. s.....             | 40 p. c. ad. val.                      | Hemp cordage.....                                      | 5c. $\frac{1}{2}$ lb.       |
| Clothing, ready-made, linen, silk, and woolen.....     | 60                                     | Hides, raw, dried, salted, pickled.....                | 2c. $\frac{1}{2}$ lb.       |
| Coal, anthracite.....                                  | Free.                                  | Hops.....                                              | 15 p. c. ad. val.           |
| Coal, bituminous.....                                  | 6c. $\frac{1}{2}$ ton.                 | Hops, iron or steel, baling.....                       | 30c. $\frac{1}{2}$ gal.     |
| Coffee.....                                            | Free.                                  | Hops.....                                              | 5-10c. $\frac{1}{2}$ lb.    |
| Confectionery, all sugar.....                          | 50 p. c. ad. val.                      | Horn, manufactures of.....                             | 12c. $\frac{1}{2}$ lb.      |
|                                                        | (if more than                          | Horses, mules.....                                     | 30 p. c. ad. val.           |
|                                                        | 15c. $\frac{1}{2}$ lb.)                | India-rubber, manufactures of.....                     | \$30 per head (h).          |
| Copper, manufactures of.....                           | 45 p. c. ad. val.                      | India-rubber, vulcanized.....                          | 30 p. c. ad. val.           |
| Cotton gloves.....                                     | 50                                     | Instruments, metal.....                                | 45                          |
| Cotton handkerchiefs, hemmed.....                      | 45                                     | Iron, manufactures of, n. e. s.....                    | 45                          |
| Cotton handkerchiefs, hemstitched.....                 | 55                                     | Iron screws, $\frac{1}{2}$ inch or less in length..... | 12c. $\frac{1}{2}$ lb.      |
| Cotton hosiery.....                                    | 50c. to \$2 $\frac{1}{2}$ doz.         | Iron, tinued plates.....                               | 11c. $\frac{1}{2}$ lb.      |
|                                                        | pairs and 15                           | Ivory, manufactures of, n. e. s.....                   | 35 p. c. ad. val.           |
|                                                        | p. c. ad. val.                         | Jewelry.....                                           | 60                          |
| Cotton shirts and drawers.....                         | 60c. to \$2.25 $\frac{1}{2}$ doz. & 15 | Knit goods, wool, value not over                       | 30c. $\frac{1}{2}$ lb. and  |
|                                                        | p. c. to 50                            | Knit goods, woollen apparel, 30 to                     | 50 p. c. ad. val.           |
|                                                        | p. c. ad. val.                         | 40c. $\frac{1}{2}$ lb.....                             | 44c. $\frac{1}{2}$ lb. and  |
| Cotton plushes, unbleached.....                        | 9c. $\frac{1}{2}$ sq. yd. &            | Knit goods, woollen apparel, over                      | 50 p. c. ad. val.           |
| Cotton webbing.....                                    | 25 p. c. ad. val.                      | 40c. $\frac{1}{2}$ lb.....                             | 44c. "                      |
| Cotton curtains.....                                   | 45 p. c. ad. val.                      | Knit goods, silk.....                                  | 60 p. c. ad. val.           |
| Cutlery, more than \$3 per doz.....                    | 25 p. c. ad. val.                      | Lard.....                                              | 2c. $\frac{1}{2}$ lb.       |
|                                                        | 50                                     | Lead, pigs, bars.....                                  | 25c. "                      |
| Cutlery, razors, over \$3 per doz.....                 | 20c. $\frac{1}{2}$ piece &             | Lead, type metal.....                                  | 15c. "                      |
|                                                        | 40 p. c. ad. val.                      | Leather manufactures, n. e. s.....                     | 35 p. c. ad. val.           |
| Cutlery, table knives.....                             | \$1.75 $\frac{1}{2}$ doz. &            | Linen manufactures, n. e. s.....                       | 45                          |
|                                                        | 20 p. c. ad. val.                      | Linen, wearing apparel.....                            | 60                          |
|                                                        | 16c. each and                          | Macaroni.....                                          | 13c. $\frac{1}{2}$ lb.      |
|                                                        | 15 p. c. ad. val.                      | Malt, barley.....                                      | 45c. $\frac{1}{2}$ bu.      |
| Cutlery, table knives, over \$4 $\frac{1}{2}$ doz..... | 45 p. c. ad. val.                      | Matches, friction, boxed.....                          | 8c. $\frac{1}{2}$ gross.    |
| Diamonds (uncut, free), cut and set.....               | 60                                     | Matting, cocoa and rattan.....                         | 6c. $\frac{1}{2}$ sq. yard. |
| Diamonds, cut, but not set.....                        | 10                                     | Meerschaum pipes.....                                  | 60 p. c. ad. val.           |
| Drugs (crude, free), not crude.....                    | 4c. $\frac{1}{2}$ lb. and              | Molasses, n. e. s.....                                 | 40 to 56c. 3c.              |
|                                                        | 10 p. c. ad. val.                      | Muffs, fur.....                                        | $\frac{1}{2}$ gal. (r).     |
| Dyewoods, crude.....                                   | Free.                                  | Musical instruments.....                               | 35 p. c. ad. val.           |
| Dyewoods, extracts of.....                             | 7c. $\frac{1}{2}$ lb.                  | Nails, cut.....                                        | 45                          |
| Earthenware, common.....                               | 25 p. c. ad. val.                      | Nails, horseshoe.....                                  | 6-10c. $\frac{1}{2}$ lb.    |
| Earthenware, porcelain, plain.....                     | 55                                     | Newspapers, periodicals.....                           | 24c.                        |
|                                                        |                                        |                                                        | Free.                       |



UNITED STATES CUSTOMS DUTIES—Continued.

| ARTICLES.                                            | Tariff Rate.                                                         | ARTICLES.                                                                  | Tariff Rate.                                   |
|------------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------------|------------------------------------------------|
| Oilcloth, value over 25c.....                        | 8 to 20c. $\frac{1}{2}$ sq. yd. (j).                                 | Soap, castile.....                                                         | 14c. $\frac{1}{2}$ lb.                         |
| Oil, olive.....                                      | 50c. $\frac{1}{2}$ gal., in bottles, etc.                            | Soap, toilet, perfumed.....                                                | 15c. $\frac{1}{2}$ lb.                         |
| Oil, olive, n. e. s.....                             | 40c. $\frac{1}{2}$ gal.                                              | Spirits, except bay rum.....                                               | \$2.25 prf. gal.                               |
| Oil, whale and seal, foreign, n. e. s.....           | 8c. $\frac{1}{2}$ gal.                                               | Straw manufactures, n. e. s.....                                           | 30 p. c. ad val.                               |
| Onions.....                                          | 40c. $\frac{1}{2}$ bu.                                               | Sugars, not above 16 Dutch standard                                        | 95-100c. $\frac{1}{2}$ lb. (m)                 |
| Opium, liquid preparations.....                      | 40 p. c. ad val.                                                     | Sugars, above 16 Dutch standard.....                                       | 1.95-100c. $\frac{1}{2}$ lb.                   |
| Opium, crude and unadulterated.....                  | \$1 $\frac{1}{2}$ lb.                                                | Tea.....                                                                   | Free.                                          |
| Paintings and marble statuary.....                   | 20 p. c. ad val.                                                     | Tin, ore or metal.....                                                     | Free.                                          |
| Paper manufactures, n. e. s.....                     | 35                                                                   | Tin plates.....                                                            | 14c. $\frac{1}{2}$ lb.                         |
| Paper stock, crude.....                              | Free.                                                                | Tobacco, cigar wrappers, not stemmed.....                                  | \$1.85 "                                       |
| Pepper, cayenne, unground.....                       | 24c. $\frac{1}{2}$ lb.                                               | Tobacco, if stemmed.....                                                   | \$2.50 "                                       |
| Perfumery, alcoholic.....                            | 60c. $\frac{1}{2}$ lb. and 45 p. c. ad val.                          | Tobacco, all other leaf, stemmed.....                                      | 50c. "                                         |
| Photograph albums.....                               | 35 p. c. ad val.                                                     | Tobacco, unmanufactured, not stemmed.....                                  | 35c. "                                         |
| Photograph slides.....                               | 25                                                                   | Umbrellas, silk or alpaca.....                                             | 50 p. c. ad val.                               |
| Pickles.....                                         | 40                                                                   | Vegetables, natural, n. e. s.....                                          | 25                                             |
| Pins, metallic.....                                  | 35                                                                   | Vegetables, prepared or preserved.....                                     | 40                                             |
| Pipes of clay, common, 40c. $\frac{1}{2}$ gross..... | 15c. $\frac{1}{2}$ gross.                                            | Velvets, silk, 75 p. c. or more silk.....                                  | \$1.50 $\frac{1}{2}$ lb. and 15 p. c. ad val.  |
| Poultry, dressed.....                                | 5c. $\frac{1}{2}$ lb.                                                | Watches and parts of.....                                                  | 40 p. c. ad val.                               |
| Potatoes.....                                        | 25c. $\frac{1}{2}$ bu.                                               | Wheat, bushel of 60 lb.....                                                | 25c. $\frac{1}{2}$ bu.                         |
| Pulp wood, for paper-makers.....                     | 1-12c. $\frac{1}{2}$ lb., mechanical-ground (l).                     | Willow for basket-makers.....                                              | 20 p. c. ad val.                               |
| Quicksilver.....                                     | 7c. $\frac{1}{2}$ lb.                                                | Willow manufactures, n. e. s.....                                          | 40                                             |
| Quinine, sulphate, and salts.....                    | Free.                                                                | Wines, champagne, in $\frac{1}{2}$ -pt. bottles or less.....               | \$2 $\frac{1}{2}$ doz.                         |
| Railroad ties, cedar.....                            | 20 p. c. ad val.                                                     | Wines, champagne, in bottles, $\frac{1}{2}$ pt. to 1 pt.....               | \$4 "                                          |
| Rugs, Oriental.....                                  | 10c. $\frac{1}{2}$ sq. f. & 40 p. c. ad val.                         | Wines, champagne, in bottles, 1 pt. to 1 qt.....                           | \$8 "                                          |
| Salmon, dried or smoked.....                         | 34c. $\frac{1}{2}$ lb.                                               | Wines, still, in casks containing more than 14 p. c. absolute alcohol..... | 50c. $\frac{1}{2}$ gal.                        |
| Salt.....                                            | 12c. $\frac{1}{2}$ 100 lb. packages; 8c. $\frac{1}{2}$ 100 lb. bulk. | Woods, cabinet, sawed.....                                                 | \$1 to \$2 $\frac{1}{2}$ M ft.                 |
| Sauces, n. e. s.....                                 | 40 p. c. ad val.                                                     | Wool, first class.....                                                     | 11c. $\frac{1}{2}$ lb.                         |
| Sausages, bologna.....                               | Free.                                                                | Wool, second class.....                                                    | 12c. "                                         |
| Sausages, all other.....                             | 25 p. c. ad val.                                                     | Wool, third class, n. e. s., above 13c. $\frac{1}{2}$ lb. (e).....         | 7c. $\frac{1}{2}$ lb. (e).                     |
| Sealskin saques.....                                 | 35 p. c. ad val.                                                     | Wool or worsted yarns, value not over 30c. $\frac{1}{2}$ lb.....           | 27c. $\frac{1}{2}$ lb. & 40 p. c. ad val.      |
| Silk.....                                            | Free.                                                                | Wool or worsted yarns, value 30c. to 40c. $\frac{1}{2}$ lb.....            | 38c. $\frac{1}{2}$ lb. & 40 p. c. ad val. (f). |
| Silk, spun in skeins.....                            | 35 p. c. ad val. (d)                                                 | Wool or worsted yarns, value over 40c. $\frac{1}{2}$ lb.....               | 38c. $\frac{1}{2}$ lb. & 40 p. c. ad val.      |
| Silk laces, wearing apparel.....                     | 60                                                                   | Woollen or worsted clothing.....                                           | 44c. $\frac{1}{2}$ lb. & 60 p. c. ad val.      |
| Skins, uncurd, raw.....                              | Free.                                                                |                                                                            |                                                |
| Skins, tanned and dressed.....                       | 20 p. c. ad val.                                                     |                                                                            |                                                |
| Slates, manufactures of, n. e. s.....                | 20                                                                   |                                                                            |                                                |
| Smokers' articles, ex. clay pipes.....               | 60                                                                   |                                                                            |                                                |

\* The Dingley Tariff increases rates on women's and children's gloves uniformly 75c. per dozen pairs; on men's gloves the rates are the same as the Wilson rates. (a) Valued at more than 50c. per lb., 33c. per lb. and 40 per cent ad val. (b) Specific duties ranging from \$1.50 to \$6 on each article and 35 per cent ad val. (c) On goods above 40c. and not above 70c. per lb.; duty on goods above 70c. per lb., 44c. per lb. and 55 per cent ad val. (d) Value \$1 per lb., 20c. per lb. and 15 per cent ad val., with increasing duty of 10c. per lb. for each 50c. additional value up to \$2.50; all over \$2.50 per lb., 60c. per lb. and 15 per cent ad val. (e) Wool valued at 12c. per lb. or less, 4c. per lb.; above 12c. duty is 7c. per lb. (f) Two prices only in Dingley bill, 30c. and less, and above 30c. (g) If not over 10c. per lb. (h) If valued at \$150; if more, 25 per cent ad val. (i) Above 560. 6c. per gal. (j) And 15 to 20 per cent ad val. (k) On woollen an additional duty of 44c. per lb. (l) Chemical wood pulp, 1-6c. per lb. (m) When not above 75¢, but for every additional degree by polariscopic test, 35-1,000c. per pound additional, and fractions of a degree in proportion.

The United States Light-House Establishment.

The following are the members of the Light-House Board:

- Leslie M. Shaw, Secretary of the Treasury and *ex officio* President of the Board.
- Rear-Admiral George C. Remey, U. S. Navy, Chairman, Washington, D. C.
- Colonel Walter S. Franklin, Baltimore, Md.
- Dr. Henry S. Pritchett, Institute of Technology, Boston, Mass.
- Colonel Peter C. Hains, Corps of Engineers, U. S. Army, Baltimore, Md.
- Captain Benjamin P. Lambertson, U. S. Navy, Washington, D. C.
- Colonel A. Mackenzie, Corps of Engineers, U. S. Army, Washington, D. C.
- Captain Washburn Maynard, U. S. Navy, Naval Secretary, Washington, D. C.
- Major Daniel W. Lockwood, Corps of Engineers, U. S. Army, Engineer Secretary, Washington, D. C.

At the close of the fiscal year 1902 there were under the control of the Light-House Establishment: Light-houses and lighted beacons, 1,332; light-vessels in position, 45; light-vessels for relief, 9; electric and gas buoys in position, 113; fog-signals operated by steam or hot air, 188; fog-signals operated by clock-work, 231; post-lights on Western rivers, 1,830; day or unlighted beacons, 859; whistling-buoys in position, 84; bell-buoys in position, 127.

The establishment is divided into sixteen districts, each in charge of an inspector and engineer, the former being navy and the latter army officers. The Board has supervision of all administrative duties relating to the construction and maintenance of light-houses, light-vessels, beacons, fog-signals, buoys, and their appendages, and has charge of all records and property appertaining to the establishment.

## United States Executive Civil Service.

(Revised for this issue of THE WORLD ALMANAC by the Secretary of the Civil Service Commission.)

THE purpose of the Civil Service act, as declared in its title, is "to regulate and improve the Civil Service of the United States." It provides for the appointment of three Commissioners, a chief Examiner, a Secretary, and other employes, and makes it the duty of the Commissioners to aid the President as he may request in preparing suitable rules for carrying the act into effect; to make regulations to govern all examinations held under the provisions of the act, and to make investigations and report upon all matters touching the enforcement and effect of the rules and regulations. The address of the Commission is Washington, D. C.

### EXTENT OF THE SERVICE.

It is estimated that the number of positions in the Executive Civil Service is now 235,001, of which 108,967 are classified competitive positions, 113,878 unclassified, and 12,156 are classified but not subject to competitive examination; 20,076 of the official force are employed in Washington, D. C. Most of the unclassified positions are held by fourth-class postmasters, of whom there are more than 72,000.

### DIVISIONS OF THE SERVICE.

The rules require that all that part of the Executive Civil Service of the United States which has been or may hereafter be classified under the Civil Service act shall be arranged in branches as follows: The Departmental Service, the Customs Service, the Postal Service, the Government Printing Service, and the Internal Revenue Service.

The Departmental Service includes all officers and employes not included in the other four branches who on the one hand are not appointed subject to the consent of the Senate, and on the other hand are above the grade of laborer, and who are serving in or on detail from the Departments, Commissions, and Offices in the District of Columbia, the Railway Mail Service, the Indian Service, the Pension Agencies, the Steamboat Inspection Service, the Marine Hospital Service, the Light-House Service, the Life-Saving Service, the Revenue Cutter Service, the Mints and Assay offices, the Sub-Treasuries, the Engineer Department at large, the Ordnance Department at large, the Land Office Service, and the force employed under Custodians of Public Buildings, and in the U. S. Penitentiaries. In addition to these are included all other employes (except laborers and persons whose appointments are subject to the consent of the Senate) whose duties are clerical or medical, or who serve as watchmen, messengers, draughtsmen, engineers, firemen, computers, or as superintendents of construction, superintendents of repairs, or foremen under the Supervising Architect of the Treasury, or who are in any branch of the Treasury Department not enumerated above. The Customs Service includes all officers and employes between the extremes before mentioned who are serving in any customs district. The Postal Service includes all similar offices and employes at free-delivery post-offices. The Government Printing Service and the Internal Revenue Service cover all like positions in the branches indicated by their designations.

### APPLICATIONS.

Persons seeking to be examined must file an application blank. The blank for the Departmental Service at Washington, Railway Mail Service, the Indian School Service, and the Government Printing Service should be requested directly of the Civil Service Commission at Washington. The blank for the Customs, Postal, or Internal Revenue Service must be requested in writing of the Civil Service Board of Examiners at the office where service is sought. These papers should be returned to the officers from whom they emanated.

Applicants for examination must be citizens of the United States, and of the proper age. No person using intoxicating liquors to excess may be appointed. No discrimination is made on account of sex, color, or political or religious opinions. The limitations of age vary with the different services, but do not apply to any person honorably discharged from the military or naval service of the United States by reason of disability resulting from wounds or sickness incurred in the line of duty.

### EXAMINATIONS.

The applicants to enter the services designated are examined as to their relative capacity and fitness. For ordinary clerical places in the Departmental, Customs, and Internal Revenue Services the examination is confined to orthography, penmanship, copying, letter-writing, and simple arithmetic. Patent examiners are examined in physics and technics, mathematics, chemistry, and mechanical drawing. Meat inspectors are examined in letter-writing, veterinary anatomy and physiology, veterinary pathology, and meat inspection. One of the tests for post-office and railway mail clerks is an exercise in reading manuscript addresses. Specimen sets of questions will be furnished by the Commission upon request. Examinations are held twice a year in every State and Territory at fixed times and places. All examinations relate as near as possible to the duties to be performed, and, wherever practicable, include experience and practical tests. No applicant is admitted to an examination in any one of the different recognized trades unless he has served at such trade for such period as the Commission has prescribed. In the Government Printing Office five years' experience are required, one year of which must have been as a journeyman. This information is obtained by personal questions relating to the applicant's experience at his trade and the certificates of persons who have employed him. No one is certified for appointment whose standing in any examination is less than 70 per centum of complete proficiency, except applicants whose claims for military or naval preference under Section 1,754 R. S. have been admitted. These need obtain but 65. The law also prescribes competitive examinations for promotion in the service. A certificate is given to each person examined, stating whether he passed or failed to pass. For positions in the classified service where technical qualifications are needed special examinations are held. In the Departmental Service they are held for the State Department, the Pension, Patent, and Weather Bureaus, Geological and Coast Surveys, Engineer Department at large, Ordnance Department at large, etc. For places which do not require technical qualifications the number of applicants is usually excessive, and only those who attain high grades have a good chance for appointment. There is always a good demand for male stenographers.

### EXCEPTED PLACES.

Among the places excepted from examination or subject only to non-competitive examination are the following: Two private secretaries or confidential clerks to the President and each of the heads of departments; one for each head of bureau appointed by the President and confirmed by the Senate, if authorized by law; all persons appointed solely by the President; attorneys, assistant attorneys, and special assistant attorneys. The excepted positions throughout the departments were increased in

## UNITED STATES EXECUTIVE CIVIL SERVICE—Continued.

number by the President's order of May 29, 1899, but are too diverse to summarize and too numerous to mention here specifically.

**APPOINTMENTS.**

Upon the occurrence of a vacancy, the appointment to fill it, if not made by promotion, reduction, transfer, or reinstatement (for all of which provision is made by the Civil Service rules), must be made by selection from the eligibles of highest grade on the appropriate register. In the Executive Departments at Washington and in the Government Printing Office appointments are apportioned among the States and Territories on the basis of population. Every appointment is made for a probationary period of six months. Whenever there are no names of eligibles upon a register for any position in which a vacancy exists, and the public interest requires that it be filled before eligibles can be provided by the Commission, such vacancy may, subject to the approval of the Commission, be filled by appointment without examination and certification until an eligible can be provided by the Commission. The number of women applying for clerical places is greatly in excess of the calls of appointing officers. The positions to which the largest numbers of them are appointed are those of assistant microscopist in the branch offices of the Bureau of Animal Industry at the various stockyards throughout the country, and teachers, matrons, seamstresses, etc., in the Indian Service. A few receive appointments as stenographers and typewriters in the Departmental Service, and a few are appointed to technical and professional places.

**PREFERENCE CLAIMANTS.**

Persons who served in the military or naval service of the United States, and were discharged by reason of disabilities resulting from wounds or sickness incurred in the line of duty, are, under the Civil Service rules, given certain preferences. They are released from all maximum age limitations, are eligible for appointment at a grade of 65, while all others are obliged to obtain a grade of 70, and are certified to appointing officers before all others. Subject to the other conditions of the rules, a veteran of the rebellion or of the war with Spain, or the widow of any such person, or any army nurse of either war, may be reinstated without regard to the length of time he or she has been separated from the service.

**PROVISIONS CONCERNING POLITICAL DISCRIMINATION, ASSESSMENTS, ETC.**

The Civil Service rules provide that no person in the Executive Civil Service shall dismiss, or cause to be dismissed, or make any attempt to procure the dismissal of or in any manner change the official rank or compensation of any other person therein, because of his political or religious opinions or affiliations; that no removal shall be made from any position subject to competitive examination except for just cause and upon written charges filed with the head of the department or other appointing officer, and of which the accused shall have full notice and an opportunity to make defence; and that no person in the Executive Civil Service shall use his official authority or official influence for the purpose of interfering with an election or controlling the result thereof. Such rules also provide that any person in the Executive Civil Service who shall wilfully violate any provision of the Civil Service act or rules shall be dismissed from office.

The Civil Service act contains provisions forbidding any person in the service of the United States from levying upon or collecting from persons in the Executive Civil Service contributions to be devoted to political objects, the collection of such contributions by any person in any public building of the United States, or discrimination against persons who do not make such contributions or render political service. A violation of any of the provisions concerning political assessments, or their collection in a public building of the United States, is declared to be a misdemeanor, punishable by a fine not exceeding five thousand dollars, or by imprisonment for a term not exceeding three years, or by such fine and imprisonment both in the discretion of the court. The act also declares that when rules to carry its provisions into effect shall have been promulgated, "it shall be the duty of all officers of the United States in the departments and offices to which any such rules may relate, to aid, in all proper ways, in carrying said rules, and any modifications thereof, into effect."

**THE UNCLASSIFIED EXECUTIVE CIVIL SERVICE.**

The portion of the Executive Civil Service which is not classified embraces the following: All officers nominated by the President and confirmed by the Senate, including members of the Cabinet, assistant secretaries, certain chiefs of bureaus, etc., in the Executive Departments at Washington, collectors, naval officers, surveyors, and appraisers in the Customs Service, collectors in the Internal Revenue Service, and first, second, and third class postmasters. Other unclassified positions are fourth-class postmasters, the employes of the District of Columbia, the employes of the Library of Congress, clerks in post-offices not having free delivery, mere laborers and workmen, certain positions having a compensation of less than \$300 a year, and the Consular Service. Examinations for positions in the service last named are non-competitive, and conducted by a board of the Department of State.

A considerable number of positions were excluded from classification by the President's order of May 29, 1899, principally in the Departments of the Interior, War, and Navy outside of Washington.

**THE PHILIPPINE CIVIL SERVICE.**

On September 19, 1900, the United States Philippine Commission passed an act: "An act for the establishment and maintenance of an efficient and honest civil service in the Philippine Islands." The act provides for a Civil Service Board of three persons which is to prepare rules for appointments and promotions according to merit, and by competitive examinations so far as practicable; for the selection of laborers according to the priority of their applications, by such non-competitive examinations as may be practicable. Competitive examinations for appointment and promotion are to be held at Manila, Iloilo, and Cebu, and also in the United States, under the auspices of the United States Civil Service Commission, for original appointment. Provision is made for transfer from one branch to another, and from the Federal classified civil service; for reinstatements, for examining American applicants in Spanish and native applicants in English, in cases where the Board deems knowledge of both languages essential; for a physical examination of applicants in the United States; for an age limitation, 18 to 40 years, for entrance to the lowest class; for temporary appointments, and a few exceptions from examination.

For Civil Service regulations in Hawaii and Porto Rico see THE WORLD ALMANAC for 1902.

## 92 Civil Service Rules in the City of New York.

SYNOPSIS of regulations governing the admission of persons into the civil service of the City of New York. Information may also be had by applying to the Secretary of the Civil Service Commission, 61 Elm Street, corner of Leonard, New York City.

Under the White Civil Service law, Chapter 370, Laws of 1899, April 19, the rules apply to all positions in the service of the City of New York except officers elected by the people, all legislative officers and employes, heads of any department, or superintendents, principals, or teachers in a public school, academy, or college. This requires "examinations, wherever practicable, to ascertain the fitness of applicants for appointment to the civil service of said city." The Constitution requires that these examinations shall be competitive, "so far as practicable."

### APPLICATIONS.

Applications of competitors for positions included in Schedules B, C, D, and E must be addressed to the "Secretary of the Municipal Civil Service Commission, New York City," and for all positions except firemen and park policemen, must be accompanied with the following papers:

First—The affidavit of the applicant, showing that he is not less than eighteen years of age and a citizen of the United States, giving his place of residence, with the street and number thereof, if any; the place, nature, and extent of his education, and of his business training and experience, and stating whether he has ever been in the civil service of the City of New York, or in the military or naval service of the United States, and if so, when and where.

Second—A statement whether such application is limited to any particular office or offices in the service.

Third—The certificate of four reputable persons of the City of New York, that they have been personally acquainted with the applicant for at least one year, and believe him to be of good moral character, of temperate and industrious habits, and in all respects fit for the service he wishes to enter, and that each of them is willing that such certificate should be published for public information, and will upon request give such further information concerning the applicant as he may possess.

The requirements as to citizenship and certificates of character, in case of persons applying for positions under Schedule E, and the requirements as to citizenship in case of persons applying for positions under Schedule D, may be modified or dispensed with in the discretion of the Civil Service Commission. All applications for examination shall be filed in the office of the Secretary, and all application and other blanks shall be kept at his office, and shall be procurable there only.

Applicants for the following positions must, before being admitted to examination, present satisfactory evidence as to the following facts:

First—If the position to be filled be that of physician, surgeon, medical officer, inspector of vaccination, or sanitary inspector, that the applicant is duly authorized by the laws of the State of New York to practise medicine and surgery.

Second—If the position to be filled be that of chemist or analyzer, that the applicant has received the degree of Bachelor of Sciences, or its equivalent, from some institution duly authorized by law to confer such degree.

In positions where the duties are professional, technical, or expert, the candidates will be required to show what preliminary training or technical education they have undergone to qualify them for such situations before they can be admitted to examination.

In all examinations for professional positions, or positions requiring technical knowledge, no person shall be placed on the eligible list who obtains a rating in technical knowledge of less than 75.

Applications for positions included in Schedule G must be addressed to the "Labor Clerk, etc." For the boroughs of Manhattan, Bronx, and Richmond address "New York." For the boroughs of Brooklyn and Queens address "Brooklyn."

### CONDUCT OF EXAMINATIONS.

Applicants shall be admitted to examination upon the production of the official notification to appear for that purpose. Each applicant shall receive a number, which shall be indorsed upon his notification when produced, and the notifications so indorsed shall be sealed in an envelope. Each applicant shall sign his examination papers with his number, omitting his name, and the envelope shall not be opened until all the examination papers have been received and the markings and gradings made.

All paper upon which examinations are to be written shall be furnished to the applicants by the examining board and shall bear some suitable official indorsement, stamp, or mark, for the purpose of identifying the same.

All examinations shall be in writing, except such as refer to expertness or physical qualities, and except as herein otherwise provided.

The sheets of questions shall be numbered and shall be given out in the order of their numbers, each, after the first, being given only when the competitor has returned to the examiners the last sheet given to him. In general, no examination shall extend beyond five hours without intermission; and no questions given out at any session, to any candidate, shall be allowed to be answered at another session. Each applicant must complete his examination on the obligatory subjects before taking up any of the optional subjects.

Examiners of persons named for promotion shall personally question them concerning their office work and its purposes, in order to ascertain if they have a general and intelligent knowledge of the business in the department in which they are employed, and may require the persons examined to give a written description of the work done by them and its relation to the duties of others.

Each examiner shall exercise all due diligence to secure fairness and prevent all collusion and fraud in the examinations.

The time allowed for completing the examination shall be announced before the first paper is given out. For the obligatory subjects the examination shall be confined to a single day.

The following municipal departments and offices come under the jurisdiction of the Civil Service rules:

|                                                 |                                 |                                       |                                               |
|-------------------------------------------------|---------------------------------|---------------------------------------|-----------------------------------------------|
| Accounts, Com. of.                              | Civil Service Commission.       | Estimate and Apportionment, Board of. | Presidents of Boroughs.                       |
| Armory, Board of.                               | College of the City of New York | Examiners, Board of.                  | Public Works Bureau.                          |
| Assessors, Board of.                            | Correction, Dept. of.           | Finance Dept.                         | Queens Borough Library.                       |
| Aqueduct Commission.                            | Couroner.                       | Fire Dept.                            | Rapid Transit Commission.                     |
| Bellevue and Allied Hospitals.                  | Court, City.                    | Health Dept.                          | Sinking Fund Commission.                      |
| Bridges, Dept. of.                              | Court, City Magistrate.         | Law Dept.                             | Street Cleaning, Dept. of.                    |
| Brooklyn Disciplinary Training School for Boys. | Court of General Sessions.      | Mayor's Office.                       | Taxes and Assessm'ts, Dept. of.               |
| Brooklyn Public Library.                        | Court, Municipal.               | Normal College.                       | Tenement House Dept.                          |
| Buildings, Dept. of.                            | Court of Special Sessions.      | Parks, Dept. of.                      | Water Supply, Gas, and Electricity, Dept. of. |
| Charities, Dept. of Public.                     | Docks and Ferries, Dept. of.    | Police Dept.                          |                                               |
| City Record, Supervisor of the.                 | Education, Dept. of.            |                                       |                                               |
|                                                 | Elections, Board of.            |                                       |                                               |

The inspectors of elections and poll clerks are exempt from examination. Special patrolmen, appointed pursuant to section 269 of the New York City Consolidation act, are also exempt.

## Regents' Examinations in New York State in 1903.

REGENTS' examinations under the control of the University of the State of New York (office, Albany, N. Y.) will be held in 1903 at the following times and places: January 25-30 inclusive, at New York, and about 550 academies and high schools; 76 subjects. March 25-27 inclusive, at New York, and about 525 academies and high schools; 27 subjects. June 15-19 inclusive, at New York, and about 575 academies and high schools; all (76) subjects. Sept. 29-Oct. 1, inclusive, at New York, Albany, Syracuse, Buffalo; 24 subjects. Sept. examinations are for professional and technical students only. Morning session begins 9.15 a. m. Afternoon session begins 1.15 p. m.

UNIVERSITY CREDENTIALS, Passed.—Any study. Preliminary (preacademic) certificate—Reading, writing, spelling, elementary English, arithmetic, geography. MEDICAL STUDENT CERTIFICATE—For matriculates prior to May 9, 1893, for any 20 counts, allowing 10 for the preliminaries, not including reading and writing; for matriculates prior to May 13, 1895, for arithmetic, elementary English, geography, spelling, United States history, English composition, and physics, or any 50 counts, allowing 14 for the preliminaries; for matriculates prior to January 1, 1896, for any 12 academic counts; for matriculates prior to January 1, 1897, for any 24 academic counts. But all matriculates after January 1, 1897, must secure 48 academic counts.

LAW STUDENT CERTIFICATE—Advanced English, English composition, first year Latin, arithmetic, algebra, plane geometry, English history, United States history, civics, economics, or any 36 academic counts. The foregoing rule took effect January 1, 1895. All students who had begun their law course or clerkship before January 1, 1895, as shown by the law school or Court of Appeals records may secure a certificate under the 1892 requirements, viz.: English composition, first year Latin, arithmetic, geometry, English and United States history, and civics, or any 30 counts including preliminaries.

DENTAL STUDENT CERTIFICATE—Any 36 academic counts or their equivalents (for matriculates before January 1, 1905).

VETERINARY STUDENT CERTIFICATE—Any 24 academic counts or their equivalents (for matriculates before January 1, 1905).

ACADEMIC CERTIFICATES—All preliminaries and any 24, 36, 48, 60, etc., counts, if one-sixth of the first 24, 36, and 48 counts are in English or language substitute. First Year Certificate—No certificate is issued for 12 counts unless it includes the preliminaries and first year English (or English composition and 2 other English counts). The first year in any foreign language may be substituted for first year English in the first year certificate.

There is no limit of time, but all credentials issued by the University are good till cancelled for cause. Studies necessary to obtain any credential may be passed at different examinations. Seventy-five per cent of correct answers is required in all subjects. Answer papers will be reviewed in the regents' office, and all papers below standard will be returned to the candidates. For those accepted, passbooks will be issued.

Candidates not attending schools in which regents' examinations are held should send notice at least 10 days in advance, stating at what time and in what studies they wish to be examined, that required desk room may be provided at the most convenient place. Candidates who fail to send this advance notice can be admitted only so far as there are unoccupied seats.

Professional Certificates Without Examinations—Candidates having credentials which can be accepted in place of examinations should send them to the high school department.

### MEDICAL EXAMINATIONS.

The regents shall admit to any examination any candidate who pays a fee of \$25 and submits satisfactory evidence, verified by oath, if required, that he—1. Is more than twenty-one years of age; 2. Is of good moral character; 3. Has the general education required preliminary to receiving the degree of bachelor or doctor of medicine in this State; 4. Has studied medicine not less than four full school years at least nine months each, including four satisfactory courses of at least six months each in four different calendar years in a medical college registered as maintaining at the time a satisfactory standard. This requirement took effect January 1, 1898, and does not apply to students matriculated before that date who receive their degree before January 1, 1902; 5. Evidence that applicant has received the degree of bachelor or doctor of medicine from some registered medical school, or a diploma or license conferring full rights to practise medicine in some foreign country (original credentials).

Examinations for license to practise medicine in this State will be held as follows: January 27-30, May 19-22, June 23-26, September 29-October 2, at New York, Albany, Syracuse, and Buffalo. (Each candidate is notified as to exact place.)

### DENTAL EXAMINATIONS.

The regents shall admit to examination any candidate who pays a fee of \$25 and submits satisfactory evidence, verified by oath, if required, that he—1. Is more than twenty-one years of age; 2. Is of good moral character; 3. Has the general education required preliminary to receiving the degree of doctor of dental surgery in this State. Matriculates in a registered dental school before January 1, 1896, are exempt from the preliminary education requirement for degrees and for admission to the licensing examinations; 4. Subsequently to receiving any preliminary education either has been graduated in course with a dental degree from a registered dental school, or else, having been graduated in course from a registered medical school with a degree of doctor of medicine, has pursued thereafter a course of special study of dentistry for at least two years in a registered dental school, and received therefrom its degree of doctor of dental surgery, or else holds a diploma or license conferring full right to practise dentistry in some foreign country and granted by some registered authority.

Dates of dental examinations: January 27-31, May 19-23, June 23-27, and September 29-October 3, at New York, Albany, Syracuse, and Buffalo. (Each candidate is notified as to exact place.)

### VETERINARY EXAMINATIONS.

The regents shall admit to examination any candidate who pays a fee of \$10 and submits satisfactory evidence, verified by oath, if required, that he—1. Is more than twenty-one years of age; 2. Is of good moral character; 3. Has the general education required in all cases after July 1, 1897, preliminary to receiving a degree in veterinary medicine. Matriculates in a registered veterinary medical school prior to January 1, 1896, are exempt from the preliminary education requirement; 4. Has studied veterinary medicine not less than three full years, including three satisfactory courses, in three different academic years, in a veterinary medical school registered as maintaining at the time a satisfactory standard; 5. Has received a degree as veterinarian from some registered veterinary medical school.

Dates of examinations: Jan. 27-30, May 19-22, June 23-26, Sept. 29-Oct. 2, at New York, Albany, Syracuse, and Buffalo.

### CERTIFIED PUBLIC ACCOUNTANTS.

1. The full C. P. A. certificate is to be granted only to those who are thirty-five years of age who have had three years' satisfactory experience in the study or practice of accounting, one of which shall have been in the office of an expert public accountant. 2. Candidates having the required preliminary education and passing the required examinations, but lacking the age or the three years' experience required for the full C. P. A. certificate, may be certified as junior accountants under the same conditions as to residence and character. 3. Two examinations, in January and in June, are held annually. There are to be four sessions as follows: 1. Theory of accounts; 2. Practical accounting; 3. Auditing; 4. Commercial law. 4. Candidates must complete all subjects at a single examination as required in medicine. 5. Candidates for either the C. P. A. or the junior accountant certificate must be more than twenty-one years of age, and of good moral character. They must pay a fee of \$25, and must have the regents' academic diploma or its equivalent as prescribed for other professional examinations. Dates of examinations, January 27-28 and June 23-24.

## Law Examinations in New York State in 1903.

To entitle an applicant to an examination as an attorney and counselor he shall pay to the examiners a fee of \$10, and he must prove (15 days in advance) to the satisfaction of the State Board of Law Examiners: 1. That he is a citizen of the State, twenty-one years of age, and that his residence for six months prior to examination is actual and not constructive, which proof must be made by his own affidavit. 2. That he has studied law in the manner and according to the conditions prescribed for a period of three years, except that if the applicant is a graduate of any college or university his period of study may be two years instead of three; and except also that persons who have been admitted as attorneys in the highest court of original jurisdiction of another State or country, and have remained therein as practicing attorneys for at least one year, may be admitted to such examination after a period of law study of one year within this State. 3. That the applicant has passed the regents' examination or its equivalent must be proved by the production of a certified copy of the regents' certificate filed in the office of the Clerk of the Court of Appeals. The examinations of all persons applying to be admitted to practice as attorneys and counselors in the Courts of Record of the State of New York will be held as follows:

1st and 2d Depts.—In Manhattan Boro', at Grand Central Palace, Lexington Avenue, 43d and 44th Streets, at 8.45 a. m., January 14, April 14, June 9, and October 20. 3d Dept.—In Albany, at Court-House, City Hall, January 14 and June 9, at 9 a. m., 4th Dept.—In Rochester, at Court-House, January 14 and June 9, at 9 a. m. 3d and 4th Depts.—In Syracuse, at Court-House, October 20, at 9 a. m.

Address communications concerning law examinations to F. M. Dansher, Secretary, Albany, N. Y.

## Qualifications for Voting in Each State of the Union.

(Communicated to THE WORLD ALMANAC and corrected to date by the Attorneys-General of the respective States.)

In all the States except Colorado, Idaho, Utah, and Wyoming the right to vote at general elections is restricted to males of 21 years of age and upward. (See also "New York," next page.) Women are entitled to vote at school elections in several States. They are entitled by law to full suffrage in the States of Colorado, Idaho, Utah, and Wyoming. (See article entitled "Woman Suffrage.")

| STATES.               | Requirements as to Citizenship.                                                                                   | PREVIOUS RESIDENCE REQUIRED. |            |          |              | Persons Excluded from Suffrage.                                                                                  |
|-----------------------|-------------------------------------------------------------------------------------------------------------------|------------------------------|------------|----------|--------------|------------------------------------------------------------------------------------------------------------------|
|                       |                                                                                                                   | In State.                    | In County. | In Town. | In Precinct. |                                                                                                                  |
| Alabama*              | Citizen of United States or alien who has declared intention.                                                     | 2 yrs.                       | 1 yr.      | 3 mo.    | 3 mo.        | Convicted of treason or other felonies, idiots, or insane.                                                       |
| Arizona*              | Citizen of United States or alien who has declared intention (a)                                                  | 1 yr.                        | 30 dys     | 30 dys   | 30 dys       | Idiot, insane, felon.                                                                                            |
| Arkansas*             | Citizen of United States or alien who has declared intention.                                                     | 1 yr.                        | 6 mo.      | 30 dys   | 30 dys       | Idiots, insane, convicted of felony, failure to pay poll-tax, U. S. soldiers, or marines.                        |
| Calif'nia*            | Citizen by nativity, naturalization (90 days prior to election), or treaty of Queretaro.                          | 1 yr.                        | 90 dys     | .....    | 30 dys       | Chinese, idiots, insane, embezzlers of public moneys, convicted of infamous crime, †                             |
| Colorado*.            | Citizen or alien, male or female, who has declared intention four months prior to election.                       | 6 mo.                        | 90 dys     | .....    | 10 dys       | While confined in public prison, under guardianship, <i>non compos mentis</i> , insane.                          |
| Conn.*.....           | Citizen of United States who can read English language.                                                           | 1 yr.                        | .....      | 6 mo.    | .....        | Convicted of heinous crime, unless pardoned.                                                                     |
| Delaware*             | Citizen who shall have paid a registration fee of \$1.                                                            | 1 yr.                        | 3 mo.      | .....    | 30 dys       | Insane persons and paupers or persons convicted of felony.                                                       |
| Dis. of Col. Florida* | See foot note on following page.<br>Citizen of the United States....                                              | 1 yr.                        | 6 mo.      | 6 mo.    | 30 dys       | Idiots, duelists, convicted of felony or any infamous crime.                                                     |
| Georgia (f)           | Citizen of the U. S. who has paid all his taxes since 1877.                                                       | 1 yr.                        | 6 mo.      | .....    | .....        | Convicted of felony, bribery, or larceny, unless pardoned, idiots, and insane.                                   |
| Idaho *....           | Citizen of the United States, male or female.                                                                     | 6 mo.                        | 30 dys     | 3 mo.    | .....        | Idiots, insane, convicted of felony, bigamists, polygamists, under guardianship.                                 |
| Illinois* ...         | Citizen of the United States (b).                                                                                 | 1 yr.                        | 90 dys     | 30 dys   | 30 dys       | Convicted of felony or bribery in elections, unless restored to citizenship.                                     |
| Indiana*...           | Citizen or alien who has declared intention and resided one year in United States.                                | 6 mo.                        | 60 dys     | 60 dys   | 30 dys       | United States soldiers, sailors, and marines, and persons convicted of infamous crime.                           |
| Iowa *.....           | Citizen of the United States....                                                                                  | 6 mo.                        | 60 dys     | (e)      | (e)          | Idiots, insane, convicted of infamous crime.                                                                     |
| Kansas* ...           | Citizen of United States or alien who has declared intention (b)                                                  | 6 mo.                        | 30 dys     | 30 dys   | 30 dys       | Convicted of treason or felony, insane, under guardianship (d).                                                  |
| Kent'ky*.             | Citizen of the United States....                                                                                  | 1 yr.                        | 6 mo.      | 60 dys   | 60 dys       | Convicted of treason, felony, or bribery, idiots, and insane.                                                    |
| Louisia'a*            | Citizen of United States (f).....                                                                                 | 2 yrs.                       | 1 yr.      | .....    | 6 mo.        | Idiots, insane, felons, under indictment, inmates of prison or charitable institution except Soldiers' Home.     |
| Maine*.....           | Citizen of the United States....                                                                                  | 3 mo.                        | 3 mo.      | 3 mo.    | 3 mo.        | Paupers and Indians not taxed.                                                                                   |
| Maryla'd*             | Citizen of the United States....                                                                                  | 1 yr.                        | 6 mo.      | 6 mo.    | 1 day.       | Felons not pardoned, lunatics, <i>non compos mentis</i> , bribery.                                               |
| Mass.*.....           | Citizen who can read and write (b).                                                                               | 1 yr.                        | 6 mo.      | 6 mo.    | 6 mo.        | Paupers and persons under guardianship.                                                                          |
| Michigan*             | Citizen or alien who declared intention to become a citizen prior to May 8, 1892 (b).                             | 6 mo.                        | 20 dys     | 20 dys   | 20 dys       | Indians with tribal relations, duelists and accessories.                                                         |
| Minn.*....            | Citizen of United States who has been such for 3 months preceding election (b).                                   | 6 mo.                        | 30 dys     | 30 dys   | 30 dys       | Convicted of treason or felony, unpardoned, under guardianship, insane, Indians lacking customs of civilization. |
| Miss.*.....           | Citizen of the United States who can read or understand Constitution.                                             | 2 yrs.                       | 1 yr.      | 1 yr.    | 1 yr (c)     | Insane, idiots, Indians not taxed, felons, persons who have not paid taxes, bigamists.                           |
| Missouri*..           | Citizen of United States or alien who has declared intention not less than 1 year or more than 5 before election. | 1 yr.                        | 60 dys     | 60 dys   | 60 dys       | Persons in poorhouses or asylums at public expense, those in prison, or convicted of infamous crimes (g).        |
| Montana*.             | Citizen of the United States (b)                                                                                  | 1 yr.                        | 30 dys     | 30 dys   | 30 dys       | Felons not pardoned, idiots, insane, U. S. soldiers, seamen, and marines, Indians.                               |
| Nebraska*             | Citizen of United States or alien who has declared intention 30 days before election (b).                         | 6 mo.                        | 40 dys     | 30 dys   | 10 dys       | Convicted of treason or felony, unless restored to civil rights, persons <i>non compos mentis</i> (h).           |
| Nevada* ..            | Citizen of the United States....                                                                                  | 6 mo.                        | 30 dys     | 30 dys   | 30 dys       | Idiots, insane, unpardoned convicts, Indians, Chinese.                                                           |

\* Australian Ballot law or a modification of it in force. † Or a person unable to read the Constitution in English and to write his name. (a) Or citizens of Mexico who shall have elected to become citizens under the treaties of 1848 and 1854. Poll-tax must be paid for current year. (b) Women can vote in school elections. (c) Clergymen are qualified after six months' residence in precinct. (d) Also public embezzlers, persons guilty of bribery, or dishonorably discharged soldiers from the United States service, unless reinstated. (e) Only actual residence required; in cities voter must reside in ward ten days. (f) Those able to read and write, or who own \$300 worth of property assessed in their name, or whose father or grandfather was entitled to vote on Jan. 1, 1867. (g) Also soldiers, sailors, and marines in U. S. service. (h) No soldier, seaman, or marine deemed a resident because stationed in the State. (i) The Australian system sometimes prevails in municipal primaries in Georgia, but same is made applicable by rule of party ordering primary and not by the law.

QUALIFICATIONS FOR VOTING—Continued.

| STATES.                                                                                 | Requirements as to Citizenship.                                                                                   | PREVIOUS RESIDENCE REQUIRED. |            |                                              |              | Persons Excluded from Suffrage.                                                                                                                                                                                 |
|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|------------------------------|------------|----------------------------------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                         |                                                                                                                   | In State.                    | In County. | In Town.                                     | In Precinct. |                                                                                                                                                                                                                 |
| N. Hamp.*                                                                               | Citizen of the United States (a)                                                                                  | 6 mo.                        | 6 mo.      | 6 mo.                                        | 6 mo.        | Paupers (h).                                                                                                                                                                                                    |
| N. Jersey*                                                                              | Citizen of the United States...                                                                                   | 1 yr...                      | 5 mo.      | .....                                        | .....        | Idiots, paupers, insane, convicted of crime, unless pardoned or restored by law (i).                                                                                                                            |
| N. M. Ter.                                                                              | Citizen of the United States.....                                                                                 | 6 mo.                        | 3 mo.      | 30 dys                                       | 30 dys       | Convicted of felony, unless pardoned, U. S. soldier, sailor, or camp follower, Indians.                                                                                                                         |
| N. York*..                                                                              | Citizen who shall have been a citizen for ninety days prior to election.                                          | 1yr(k)                       | 4 mo.      | (l)                                          | (l)          | Offenders against the elective franchise rights, being guilty of bribery, and betting on elections, and persons convicted of bribery or of any infamous crime and not restored to citizenship by the Executive. |
| Woman other to raise money by tax or assessment if she owns property in village or town | twice qualified but for sex may vote at village election or property in village raising of money in town as       | .....                        | .....      | town meetings affect ed. Elec- tion assessed | .....        | .....                                                                                                                                                                                                           |
| N. Car.....                                                                             | Citizen of the United States (i)                                                                                  | 1yr(i)                       | 90d.(i)    | (i)                                          | (i)          | Convicted of felony or infamous crime, idiots, lunatics (i).                                                                                                                                                    |
| N. Dak.*..                                                                              | Citizen of the United States and civilized Indian.† (a)                                                           | 1 yr...                      | 6 mo.      | .....                                        | 90 dys       | Under guardianship, persons <i>non compos mentis</i> , or convicted of felony and treason, unless restored to civil rights.                                                                                     |
| Ohio*, .....                                                                            | Citizen of the United States (a)                                                                                  | 1 yr...                      | 30dys      | 20dys                                        | 20 dys       | Idiots, insane, and felons, persons in U. S. military and naval service on duty in Ohio.                                                                                                                        |
| Okla. Ter..                                                                             | Citizen of United States (a) †....                                                                                | 6 mo.                        | 60dys      | 60dys                                        | 30 dys       | Felons, idiots, insane.                                                                                                                                                                                         |
| Oregon* ...                                                                             | Citizen of U. S. or alien who has declared intention more than 1 year prior to election (a).                      | 6 mo.                        | None.      | None.                                        | None.        | Idiots, insane, convicted of felony, Chinese.                                                                                                                                                                   |
| Penna.*....                                                                             | Citizen of the United States at least one month, and if 22 years old or more must have paid tax within two years. | 1 yr...                      | .....      | .....                                        | 2 mo.        | Convicted of perjury and fraud as election officers, or bribery of voters.                                                                                                                                      |
| Rhode I.*                                                                               | Citizen of the United States....                                                                                  | 2yr(b)                       | .....      | 6 mo.                                        | .....        | Paupers, lunatics (g).                                                                                                                                                                                          |
| S. Car.....                                                                             | Citizen of the United States (c)                                                                                  | 2yr(c)                       | 1 yr...    | 4 mo.                                        | 4 mo.        | Felons, bribery unless pardoned, insane, paupers.                                                                                                                                                               |
| S. Dak.*...*                                                                            | Citizen of the United States or alien who has declared intention, Indian who has severed tribal relations (a)     | 6 mo                         | 30dys      | 10dys                                        | 10 dys       | Under guardianship, insane, convicted of treason or felony, unless pardoned, U. S. soldiers, seamen, and marines.                                                                                               |
| Tenn.* ....                                                                             | Citizen of the U. S. who has paid poll-tax of preceding year.                                                     | 1 yr...                      | 6 mo.      | .....                                        | .....        | Convicted of bribery or other infamous offence.                                                                                                                                                                 |
| Texas*.....                                                                             | Citizen of the U. S. or alien who has declared intention six months prior to election.                            | 1 yr...                      | 6 mo.      | .....                                        | (d)          | Idiots, lunatics, paupers, convicted of felony, United States soldiers, marines, and seamen.                                                                                                                    |
| Utah*.....                                                                              | Citizen of the United States, male or female.                                                                     | 1 yr...                      | 4 mo.      | .....                                        | 60 dys       | Idiots, insane, convicted of treason or crime against elective franchise, unless pardoned.                                                                                                                      |
| Vermont*                                                                                | Citizen of the United States.....                                                                                 | 1 yr...                      | .....      | 3 mo.                                        | 30 dys       | Those who have not obtained the approbation of the local board of civil authority.                                                                                                                              |
| Virginia*..                                                                             | See note at foot of page.....                                                                                     | 2 yrs.                       | 1 yr...    | 1 yr...                                      | 30 dys       | Idiots, lunatics, paupers (f) (j).                                                                                                                                                                              |
| Wash'n*..                                                                               | Citizen of the United States and all residents of Territory prior to Statehood (a).                               | 1 yr...                      | 90dys      | 30dys                                        | 30 dys       | Idiots, lunatics, convicted of infamous crimes, Indians not taxed.                                                                                                                                              |
| West Va.*                                                                               | Citizen of the State.....                                                                                         | 1 yr...                      | 60dys      | .....                                        | (d)          | Paupers, idiots, lunatics, convicted of treason, felony, or bribery at elections.                                                                                                                               |
| Wis.*.....                                                                              | Citizen of United States or alien who has declared intention, and civilized Indians.† (a)                         | 1 yr...                      | .....      | 10dys                                        | 10 dys       | Under guardianship, insane, convicted of crime or treason, betting on elections.                                                                                                                                |
| Wyom.*...*                                                                              | Citizen of the United States, male or female.                                                                     | 1 yr...                      | 60dys      | 10dys                                        | 10 dys       | Idiots, insane, felons, unable to read State Constitution in the English language.                                                                                                                              |

\* Australian Ballot law or a modification of it in force. † Indian must have severed tribal relations. § One year's residence in the army or navy of the United States, of the Confederate States, or of any State of the United States or of the Confederate States; or, Second. A son of any such person; or, Third. A person who owns property upon which, for the year next preceding that in which he offers to register, State taxes aggregating at least one dollar have been paid; or, Fourth. A person able to read any section of this Constitution submitted to him by the officers of registration and to give a reasonable explanation of the same; or, if unable to read such section, able to understand and give a reasonable explanation thereof when read to him by the officers.

Residents of the District of Columbia never had the right to vote therein for national officers, or on other matters of national concern, after the territory embraced in it was ceded to the United States and became the seat of the general government.

## Requirements Regarding Registration of Voters.

(Continuation of "Qualifications for Voting," on preceding pages.)

The registration of voters is required in the States of Alabama, California, Colorado, Connecticut, Delaware, Florida, Georgia, Idaho, Louisiana, Maryland, Massachusetts, Michigan, Minnesota, Mississippi (four months before election), Montana, Nevada, New Jersey, North Carolina, Oregon, South Carolina, Tennessee, Utah, Virginia, and the Territories of Arizona and New Mexico.

In New York it is required generally except as respects town and village elections held at a different time than the general election. Personal appearance not required in towns or villages of less than 5,000 inhabitants.

In Pennsylvania voters are registered by the assessors. If any voter is missed by assessors and not registered he can swear in his vote.

In Vermont must take freemen's oath before voting first time, no registration required.

In Illinois registration of voters is required by law, and in Cook County, where Chicago is located, persons not registered are not entitled to vote; but outside of Cook County generally they can vote if not registered by swearing in their votes, and producing two witnesses as to their qualifications as an elector.

In Iowa in cities having 3,500 inhabitants. In Nebraska in cities of over 7,000 inhabitants.

In Kentucky in cities and towns having a population of 3,000 or more, in Kansas in cities of the first and second class, and in the Counties of Sumner and Montgomery; in North Dakota in cities and villages of 800 inhabitants and over, in Ohio in cities of the first and second class, in Maine in all cities and in towns having 500 or more voters.

In Missouri it is required in cities of 100,000 inhabitants and over, and in Wisconsin in cities or towns of 3,000 inhabitants or more.

In Rhode Island non-taxpayers are required to register yearly before December 31. In Texas in cities of 10,000 inhabitants or over. South Dakota has a registration law, but if voter is not registered he may prove qualifications when he offers to vote.

In the State of Washington all voters in all cities and towns and all voting precincts having a voting population of 250 or more must be registered.

The registration of voters is not required in Indiana, New Hampshire, or Oklahoma. It is prohibited in Arkansas and West Virginia by constitutional provision.

In Wyoming no person can vote without registering. If sick or absent at time of registration, can make proof of fact by two witnesses, and be registered on election day.

## Woman Suffrage.

In 1902, Massachusetts, March 5.—A woman suffrage amendment was defeated in the House by a vote of 49 yeas, 37 yeas. Iowa, March 13.—A joint resolution for the submission of an amendment to the people providing for woman suffrage was defeated in the House by a vote of 56 yeas, 38 yeas. Connecticut, April 13.—The Constitutional Convention recorded three votes in favor of woman suffrage. Kentucky, March 11.—The Governor signed the bill passed by the Legislature taking away school suffrage from women in the second-class cities. London, England, September 5.—The Trades-Union Congress rejected a resolution introduced for the purpose of giving the franchise to women on the same terms as men.

In 1901 the New York Legislature passed a law providing that "a woman who possesses the qualifications to vote for village or for town officers, except the qualification of sex, who is the owner of property in the village assessed upon the last preceding assessment roll thereof, is entitled to vote upon a proposition to raise money by tax or assessment."

Woman suffrage amendments to the Constitution were defeated by the people in the State elections of 1898 in South Dakota and Washington, and in Oregon in June, 1900.

In Colorado, Idaho, Utah, and Wyoming women have full suffrage and vote for all officers, including Presidential electors. The Woman Suffrage law was adopted in Wyoming in 1870, and in Colorado in 1893, and woman suffrage is a constitutional provision in Utah and Wyoming.

In Indiana women may hold any office under the school laws, but cannot vote for any such officer.

In Kansas women exercise the suffrage largely in municipal elections.

In some form, mainly as to taxation or the selection of school officers, woman suffrage exists in a limited way in Arizona, Connecticut, Delaware, Illinois, Iowa, Massachusetts, Michigan, Minnesota, Montana, Nebraska, New Hampshire, New Jersey, New York, North Dakota, Ohio, Oklahoma, Oregon, South Dakota, Texas, Vermont, Washington, and Wisconsin.

In Great Britain women vote for some local officers, but not for members of Parliament.

In many European countries, in Australia and New Zealand, in Cape Colony, in Canada, and in parts of India women vote on various terms for municipal or school officers.

The New York State Association Opposed to the Extension of the Suffrage to Women has its Central Association in New York City. Its officers are as follows: Mrs. Francis M. Scott, President; Mrs. Arthur M. Dodge, First Vice-President; Mrs. Elihu Root, Second Vice-President; Mrs. Richard Watson Gilder, Third Vice-President; Mrs. George Waddington, Treasurer; Mrs. George Phillips, Secretary, 789 Park Avenue. There are also societies in Massachusetts, Illinois, Oregon, Iowa, and Washington, and others are being organized. These associations are founded with the object of testifying to legislative committees and the public press that the opposition to woman suffrage is based upon what is claimed to be "the intelligent conviction of representative women in all lines of social, industrial, and domestic progress."

The National American Woman's Suffrage Association—Mrs. C. Chapman Catt, President; Honorary Presidents, Elizabeth Cady Stanton and Susan B. Anthony; Vice-President-at-Large, Rev. Anna H. Shaw, Philadelphia, Pa.; Corresponding Secretary, Kate M. Gordon, New York; Recording Secretary, Alice Stone Blackwell, Boston, Mass.; Treasurer, Harriet Taylor Upton, Warren, O.; Laura Clay, Lexington, Ky., and Mary T. Coggeshall, Des Moines, Ia., Auditors. National Headquarters, 2008 American Tract Society Building, New York.



## Party Platforms on National Issues in 1902.

### RESOLUTIONS ADOPTED BY POLITICAL STATE CONVENTIONS LAST YEAR DEFINING THEIR POSITION ON NATIONAL ISSUES GROUPED BY TOPICS.

A NUMBER of State conventions of both of the great political parties confined their platforms to local issues, alluding to national questions only in general terms of re-affirmation of their last national platforms. No account is taken here of the resolutions of the minor parties, as their conventions were held in a few States only and were, as a rule, scantily attended.

#### ANARCHISM.

##### DEMOCRATIC CONVENTION.

**Illinois.**—We express our horror and deep regret at the monstrous crime which removed from the nation its much loved, mourned President William McKinley. The tenets of anarchy have no place in free American institutions. Ours is a government of law administered by the people's representatives, and we condemn all resort to violence for redress of grievances, real or fancied.

##### REPUBLICAN CONVENTIONS.

**Indiana.**—We favor the most stringent national and State legislation to suppress anarchy.  
**Ohio.**—In a government like ours there is no place for anarchy, and we demand that Congress enact stringent laws against attempts on the life of the Chief Magistrate, or of any person in the line of succession. A murderous attack on the President is a blow struck at the Government itself, and should be punished as treason is punished. Our laws guarantee liberty of speech and of the press, but afford no license for the teachings or practice of anarchy. We also denounce lynching and all forms of mob violence.

**Pennsylvania.**—We place ourselves on record as favoring the passage of wise immigration laws to the end that anarchy may be forever driven from this country and that the American workman shall be protected against unfair labor from abroad.

#### CUBA AND RECIPROCITY.

##### DEMOCRATIC CONVENTIONS.

**Connecticut.**—We favor an immediate and substantial reduction of the tariff on Cuban imports, by reciprocity treaty or otherwise, in order that the tariff relations between the United States and Cuba may be made mutually profitable, and that our obligations to assist the young republic to a permanent place among the sisterhood of nations may be fully recognized and promptly met.

**Massachusetts.**—The refusal of the present Republican Congress under the dictation of selfish, special interests, to give Cuba, through proper tariff concessions, a living chance of establishing a stable and efficient government, under her own flag, was a shameful betrayal of our national honor. While she is entitled, whenever it is her own desire, to enjoy the advantages of a full political union with this country, and consequently of freedom of trade with us, such a union should never be forced upon her by bankruptcy deliberately created by our actions. We denounce the small measure of relief which some Republicans were willing to grant, as utterly inadequate to meet the situation in which their representatives left Cuba. We favor any honest policy of reciprocity with other nations, and we particularly demand the passage of a liberal measure of reciprocity with Canada.

**Minnesota.**—We would correct the imbecile and unbusinesslike policy that throttles our trade with Canada and Cuba at the behest of special interest.

**New Hampshire.**—We demand an immediate and substantial reduction of the tariff on Cuban imports, by reciprocity treaty or otherwise, to the end that our moral obligations to Cuba may be fully and promptly met.

**New York.**—Democrats demand justice for Cuba in the reduction of tariff upon her principal products, not a mere paltry reduction of 20 per cent of existing duties which a Republican President professed a willingness to grant, and to which even his own party in Congress does not assent, but the full measure of justice involved in the reduction of the tariff to a strictly revenue basis. The refusal of the present Republican Congress, under the dictation of special selfish interests, to give Cuba, through proper tariff concessions, a living chance of establishing a stable and efficient government under her flag, was a shameful betrayal of national honor. We call the attention of the people to the equivocal character of the Republican platform in this State, which only favors that relief to Cuba "proposed by the Republicans in Congress," while some of the Republicans in Congress proposed one thing and some another, and nothing whatever was accomplished.

**South Carolina.**—The Democratic party of South Carolina, in convention assembled, felicitates the patriots of Cuba upon the happy conclusion of their long and heroic struggle for independence, and, greeting the Republic with hearty wishes for its prosperity, declares the gratification with which this State would welcome Cuba should she hereafter of her own free will seek membership in the American Union. Until that time shall come we hold that the Government of the United States, moved by considerations of duty, honor, and expediency, should maintain with the Republic of Cuba a policy of liberal commercial reciprocity.

##### REPUBLICAN CONVENTIONS.

**Connecticut.**—We believe, with William McKinley and Theodore Roosevelt, in the policy of trade reciprocity as the natural supplement of tariff protection, and the key with which to unlock the world's markets for the surplus products of American fields and American mills. Especially we commend the President's efforts to perform a plain duty and obtain for this country a lucrative commerce by arranging a judicious reciprocity treaty with Cuba.

**Indiana.**—We favor just and liberal reciprocal relations between the United States and the Republic of Cuba, which, by the valor of American arms and the wisdom of American statesmanship, is added to the family of nations.

**Iowa.**—We indorse his (President Roosevelt's) recommendation as to reciprocity with Cuba, and believe that this policy is necessary to preserve and complete the beneficent work we have done in that island, and that it will be mutually beneficent to the people of Cuba and the United States.

**Kansas.**—We indorse the recommendations of President Roosevelt that the United States should

enter into just and liberal reciprocal trade relations with the Republic of Cuba, and we look to a Republican Congress to establish these relations on such terms that the benefits arising therefrom will go to the people of Cuba and to the people of the United States, thus resulting in mutual advantage and good will.

**Massachusetts.**—Reciprocity with Cuba is demanded alike by honor and by interest. We have assumed a responsibility in regard to Cuba which we cannot abandon. Relying on our promises the Cuban Republic has placed in its constitution provisions required by us, and intended to guard both their interests and our own. These obligations we are, as a nation, bound in honor to fulfil. President Roosevelt has, in his policy of reciprocity with Cuba, the entire and hearty support of the Republicans of Massachusetts.

**Minnesota.**—We heartily favor the wider extension of our markets for the sale of American products. To this end we indorse the policy of reciprocity as defined by President Roosevelt. We favor reciprocity with Cuba, as urged by President Roosevelt.

**Missouri.**—We indorse the legislation so wisely enacted by Congress which made Cuba a free and independent republic. We approve the policy of President Roosevelt respecting our trade relations with Cuba.

**Nebraska.**—We heartily indorse the Administration of President Theodore Roosevelt. We especially commend the justice and wisdom of his reciprocity policy with Cuba, as embodied in his message to Congress.

**New York.**—We favor the reciprocity with that new republic proposed by the Republicans in Congress, giving effective relief to Cuba and substantial benefits to our own people without harm to any American industry.

**Ohio.**—We congratulate the new Republic of Cuba upon the final fruition of the hopes and struggles of her people for freedom and independence. Furthermore, we believe it is due alike to Cuba and to ourselves that, in accordance with the Republican principle of reciprocity, proper and reasonable trade concessions shall be made by our Government to Cuba, in return for her concessions upon American products, so as to benefit the trade of both countries, and to fully and generously carry out every obligation of our national honor, whether expressed or implied.

**Pennsylvania.**—To the end that our past contributions to the cause of Cuba may not be imperilled, but that prosperity and independence may go hand in hand, we indorse the recommendation of President Roosevelt that the United States should enter into reciprocal trade relations with the Republic of Cuba that shall be mutually advantageous to it and to the United States, and all efforts to that end of our representatives in both Houses of Congress we cordially indorse.

**Vermont.**—We hereby approve reciprocity as recommended by President Roosevelt. By the conditions upon which we impose independence we make her in no small sense our ward, and are therefore bound in honor to give her opportunity to develop her natural resources, by which alone she can maintain her separate independence.

## ELECTION OF UNITED STATES SENATORS BY THE PEOPLE.

### DEMOCRATIC CONVENTIONS.

**Connecticut.**—We favor the election of United States Senators by popular vote.

**Indiana.**—We favor the election of United States Senators by popular vote.

**New York.**—We favor the election of United States Senators by the people of the respective States.

**Ohio.**—Until United States Senators are required by amendment to the Federal Constitution to be elected by popular vote, nominations of candidates for United States Senator should be made by State Conventions. And we hereby direct that in the official call for the next Democratic State Convention of Ohio there be embodied a clause providing for the nomination at that convention of the Democratic candidate for United States Senator, and a clause providing for action by said convention upon all amendments to the State Constitution then pending before the people.

## KANSAS CITY PLATFORM OF 1900.

### DEMOCRATIC CONVENTIONS.

**Minnesota.**—We declare our allegiance to the principles of democracy, as set forth in our national Declaration of Independence; as especially taught by that great exponent of democracy, Thomas Jefferson, and as reaffirmed in the latest national convention of the Democratic party. We further express our admiration for and grateful appreciation of the great ability, singular disinterestedness, and untiring zeal in the service of humanity of that great leader of the Democracy and most fearless and eloquent champion of the rights of man, William J. Bryan.

**Ohio.**—We, the Democrats of Ohio, hereby acknowledge and declare our continued allegiance to the Democratic party of the nation and on national issues reaffirm and indorse the principles laid down in its last national platform adopted at Kansas City and faithfully and ably represented in the Presidential campaign of 1900 by William Jennings Bryan. Regarding these principles as opposed to imperialism and colonialism, as opposed to government by injunction, as opposed to trusts and trust-fostering tariffs, as opposed to financial monopoly, and as opposed to all other legalized monopolies and privileges, we condemn every effort to repudiate or ignore them.

**Texas.**—The Democrats of Texas in convention assembled declare their faith in the principles of the party as set forth in the Kansas City platform, and we believe that with Democratic success in 1904 the dangers of imperialism, centralization, trusts, monopolies, mergers, and other combines hurtful to our people, unjust taxation, and kindred evils would no longer confront our country.

## NATIONAL OWNERSHIP OF COAL PROPERTIES.

### DEMOCRATIC CONVENTION.

**New York.**—We advocate the national ownership and operation of the anthracite coal mines by the right of eminent domain with just compensation to owners. Ninety per cent of the anthracite coal deposits of the world being in the State of Pennsylvania, national ownership can but be in the interests of the whole people. Fuel, like water, being a public necessity, we advocate national ownership and operation of the mines as a solution of the problem which will relieve the country from the sufferings which follow differences between labor and capital in the anthracite mines. This course will insure peace in the mining regions and remove the cause for differences leading not only to suffering, but ofttimes to bloodshed and insurrection. It will relieve the consumers of coal, not only in this State, but throughout the whole country; insure steady employment and ample compensation

to labor; transfer children from the mines to the schools; insure, strengthen, and preserve the stability of the business interests and popular institutions of our country. Whatever differences of opinion may exist over other propositions of public ownership, the propriety of that policy as applied to anthracite coal mines must be apparent to every citizen.

### PHILIPPINE POLICY.

#### DEMOCRATIC CONVENTIONS.

**Delaware.**—We look with anxiety and apprehension upon the present management of affairs in the Philippine Islands. We believe that these Islands, now in our undisputed possession, should be so managed as to give the inhabitants speedy control of their own local affairs and an established form of republican government.

**Illinois.**—We believe that the American Government should at once announce to the Filipinos that it is not our policy to permanently retain their country, but as soon as hostilities shall cease and a stable government be established the United States will recognize the independence of the Philippine Islands, as was done in the case of Cuba.

**Indiana.**—We condemn and denounce the Philippine policy of the present Administration. It has embroiled the United States, previously known and applauded throughout the world as the champion of freedom, in the false and un-American position of crushing with military force the efforts of our former allies to achieve liberty and self-government. The Filipinos cannot be citizens without endangering our civilization; they cannot be subjects without imperiling our form of government; and as we are not willing to surrender our civilization or to convert the Republic into an empire, we favor an immediate declaration of the nation's purpose to assist the Filipinos to establish for themselves an independent government, protecting them from outside interference, and securing to this country such commercial and naval rights and advantages as would be just and fair and fully protect American interests.

**Maine.**—We favor an immediate declaration of the intention of the United States to give to the Filipinos at an early date complete home rule and entire independence.

**Massachusetts.**—We reaffirm our opposition to colonial imperialism in every form, and again demand that our Government shall declare its purpose to give to the people of the Philippine Islands at the earliest possible date their independence under the protection of this country.

**Minnesota.**—We indorse and commend our Democratic Congressmen for the position taken by them on the Philippine question, and demand that our Government declare its intentions and purposes in regard to the Filipino people and grant to them their independence.

**New Hampshire.**—We demand an immediate declaration of the purpose of the United States to give to the Filipinos at an early date complete home rule and entire independence.

**New York.**—We condemn the Philippine policy of the present Administration. The Filipinos cannot become citizens without endangering our civilization; they cannot be subjects without imperiling our form of government. The national policy toward them should not remain uncertain and vacillating, but the purpose of the nation as to the ultimate government or disposition of those islands should be in harmony with our traditions and should be explicitly declared.

**South Carolina.**—We condemn and denounce the Philippine policy of the present Administration. We are not opposed to territorial expansion when it takes in desirable territory, which can be erected into States in the Union, and whose people are willing and offer to become American citizens.

#### REPUBLICAN CONVENTIONS.

**Indiana.**—We approve the course of the Administration in establishing peace and civil government in the Philippine Islands. We favor the establishment of absolute peace in the Philippines and the erection of civil government therein. We insist that the people of the islands shall be given increased participation in the administration of their domestic affairs as they shall demonstrate intelligence and capacity for self-government.

**Iowa.**—We rejoice that the firm but enlightened policy pursued in the Philippines has secured peace in the islands, and that the work of education, civilization, upbuilding, and development is begun. We urge that contention over our policy in the Philippines should now cease, and the beneficent plans of the civil government be given the united and cordial support of all our people.

**Kansas.**—By the terms of the treaty with Spain the Philippine Islands became the territory of the United States, and this nation is bound by every consideration of honor and good faith as well as of self-interest to assume the responsibility which such ownership entails. We heartily approve the Administration in the action it has taken to suppress insurrection and establish the national authority in the islands, as well as the policy it has pursued in instituting civil government therein as rapidly as possible and with as large a participation on the part of the people as can at this time be safely and consistently permitted.

**Massachusetts.**—The war with Spain has brought to us the possession of the Philippine Islands. Our withdrawal from these islands would have been the signal for anarchy and ruin, and they would have passed thence into the hands of some other power. President McKinley believed that we were able to solve this great problem, and that no other nation could do so much as we to give liberty and prosperity to the Filipino people. His policy was, first, to restore peace; second, to establish civil government; and third, to give the people of the Philippine Islands as rapidly as safety would permit the largest practicable measure of self-government. His policy, firmly pursued by his successor, has been successful. Peace has been restored, civil rule has been established, and provision has been made for a representative assembly on the completion of the census now being taken.

**Michigan.**—We denounce all unwarranted and disgraceful attacks upon the defenders and upholders of our flag in the Philippines, and we pledge faithful support to the Government in the efforts to establish good government and personal liberty in those islands.

**Minnesota.**—We indorse the course of the Administration in the establishment of peace and order and of civil government in the Philippine Islands.

**Missouri.**—We heartily indorse the pending Congressional legislation which will enable the people of our new possessions to achieve the largest measure of self-government consistent with our sovereignty, thereby insuring their material development and prosperity.

**New York.**—We commend the Executive for laying the foundation of social order, education, and local government in the Philippine Islands. We commend the action of Congress in securing to the peoples of those islands their fundamental, civil, and personal rights, in terms borrowed from the Constitution of the United States, for the selection of a legislative assembly elected by the Filipinos.

On this record of peace, orderly government, liberty, and home rule, in ever increasing measure, for the Filipinos, the Republican party takes its stand and confidently appeals for indorsement to all American citizens irrespective of party.

**Ohio.**—We congratulate the President and the army on the satisfactory progress made in the Philippines in suppressing insurrection and establishing order, and we unqualifiedly indorse the policy of our Government in those islands. The war with Spain was forced on us against our will, and the Philippines came to us as one of the results of that conflict. We are responsible for peace and order in the islands and our sovereignty must be as absolute as our responsibility. Our title to the islands is as perfect as was that of Spain after nearly four hundred years of undisputed possession. We will give their people better government, better schools, more civil and political rights, and a higher civilization and broader freedom than is possible for them in any other way. Our flag is in the Philippines and there it will remain.

**Oregon.**—The events of the late war with Spain carried us into the Philippine Islands. We hold it to be consistent with the principles of liberty and of our national life that the sovereignty of the United States should be maintained in the islands, under such local self-government as the people may be, or may become, fitted to participate in. We therefore declare against all proposals looking to the retirement of the United States from the Philippine Islands.

**Pennsylvania.**—In the Philippine Islands under American rule, despite protracted guerrilla warfare now brought to an end, schools have been established; justice administered by courts has for the first time become prompt and certain; the habeas corpus has been made a writ of right; provincial and municipal governments chosen by vote have been established and the Filipino people have been started upon the road of self-government. No nation has ever achieved so much in so short a time in dealing with an Asiatic people broken into many tribes, and we heartily approve and commend the policy of our Government which has produced such results.

## PROTECTION—REVISION OF THE TARIFF.

### DEMOCRATIC CONVENTIONS.

**Connecticut.**—We demand the immediate repeal of all tariffs upon trust-produced articles, so as to prevent monopoly under the plea of protection.

**Indiana.**—We denounce the Dingley tariff law as the breeder of trusts, and demand that tariff duties shall be levied for the purposes of revenue only and limited by the needs of the Government honestly and economically administered.

**Illinois.**—We denounce the Republican tariff as a prolific mother of trusts. We demand a thorough revision of the tariff and the abolition of all special privileges, and as the first most obvious and most effective means of eliminating special privileges from our laws and of restoring to American citizenship the equality which is its birthright, that every product of a tariff-protected, competition-destroying trust be placed on the free list.

**Maine.**—We favor the immediate abolition of all tariffs upon trust-made articles. We favor free trade with the insular territories which the Republican party is attempting to govern as colonial provinces.

**Massachusetts.**—Exorbitant tariff duties are producing a surplus which is to-day locking up in the Treasury money which our business needs urgently require; these should be reduced to a reasonable revenue basis. Free raw material is the only sound foundation for the manufacturing supremacy which this country is seeking; we again demand that the duties upon such material, so injurious and unfair to the industrial development of this Commonwealth, shall be wholly removed. We demand particularly free coal, free iron ore, free wool, and free hides, and we condemn the Republican policy of sacrificing great New England interests to its political exigencies.

**New Hampshire.**—We demand the immediate abolition of all tariffs upon trust-made articles. We demand lower duties upon the necessities of life, free trade with the insular territories which we are now attempting to govern as colonial provinces, and a gradual reduction in all tariffs until the revenue is reduced to the needs of an economical administration of the Government.

**New York.**—When tariffs are not needed for revenue they should be eliminated, and thereby extend and promote our market abroad. The policy of reciprocal trade is the traditional Democratic policy, and is in harmony with the spirit of the times. The period of exclusiveness is past. The expansion of our trade and commerce is the pressing problem. The immediate revision of the tariff is the supreme duty of the hour.

**South Carolina.**—Tariff laws should be amended by putting the products of trusts upon the free list to prevent monopoly under the plea of protection. We condemn the Dingley tariff law as a trust-breeding measure, skillfully devised to give the few favors which they do not deserve, and to place upon the many burdens which they should not bear. We reaffirm our belief in a tariff for revenue only, and that taxation should be so regulated as to meet the demands of an honest and economical government.

### REPUBLICAN CONVENTIONS.

**Connecticut.**—We believe, with Lincoln, Garfield, Blaine, McKinley, and Roosevelt, in a protective tariff that wisely fosters American industries and safeguards American wages. We oppose a general revision of the tariff at this time as both inopportune and unnecessary. If, in any schedule, import duties are found that have been notoriously perverted from their true purpose to the inordinate enrichment of corporations monopolistic in fact or in tendency, we look to a Republican Congress to apply, in its wisdom, the needed corrective without impairing the principle of protection.

**Idaho.**—We favor a revision of the tariff without unreasonable delay which will place upon the free list every article and product controlled by any monopoly and such other articles and products as are beyond the need of protection.

**Indiana.**—We adhere to the policy of protection. Under it our industries have developed and the hopes of labor have been increased and wages maintained at a higher rate than would have been otherwise possible. We favor the extension of our markets through carefully guarded reciprocity arrangements with other countries wherever it can be done without "interrupting our home production." While we favor such modifications of tariff schedules as from time to time are required by changing conditions, we insist that such changes shall be made in line with the fundamental principle of protection.

**Iowa.**—We stand by the historic policy of the Republican party in giving protection to home industries, and point for its ample vindication to the extraordinary rapidity with which our national resources have been developed and our industrial and financial independence secured. We favor such changes in the tariff from time to time as may become advisable through the progress of our industries and their changing relations to the commerce of the world.

**Kansas.**—The Republican principle of a protective tariff was never more firmly fixed in our

national policy than it is now. It has developed our industries, preserved our domestic trade, extended our foreign markets, and contributed more than any one policy to our present unparalleled prosperity. Reciprocity has been well described as the handmaid of protection, and under wise Republican administration, reciprocal arrangements can be negotiated with other nations which will result in opening new markets for American products without in any degree interfering with the prosperity of our home industries. We therefore reaffirm our adherence to these two cardinal tenets of the Republican faith.

**Massachusetts.**—To the application of the policy of protection, as embodied in the Dingley tariff, is due the high wages and constant employment of labor, and, in large measure, our phenomenal national prosperity for the last five years. This policy should be adhered to, but changes which the world's progress and the interests of the American people may suggest should and will be made by the Republican party whenever they are of sufficient importance to justify the check to business which inevitably attends any revision of the tariff. Such changes can only be made successfully, and with the least possible injury to business, by the Republican party, and in accordance with the principles of protection.

**Michigan.**—We continue our abiding faith in the protective tariff, and are opposed to all efforts to destroy it or emasculate it or weaken its beneficent operation.

**Minnesota.**—We adhere to the policy of protection; under this doctrine we favor such modification of our tariff schedules as is now or may from time to time be required by changing conditions to remove any burden from our people and to hold and extend our trade among the nations.

**New York.**—The integrity of the protective principle must be preserved. That principle is required to maintain the highest scale of American wages and the supremacy of the American workshop.

**Ohio.**—Democratic success would threaten the destruction of the protective system under which our splendid prosperity has come, and the mere shadow of impending free trade would destroy confidence, unsettle business, alarm industrial interests, and immediately check the demand for labor.

**Oregon.**—We reaffirm our allegiance to the principles of protection in necessary cases of industries still in their infancy or unable to compete with foreign productions.

**Pennsylvania.**—We demand that this policy in so far as it protects and tends to develop the industries and interests of the American people shall be firmly adhered to.

**Rhode Island.**—We reaffirm our belief in the wisdom of the American protective system. While insisting upon this stability of policy we do not fail to recognize the fact that new or changed industrial conditions may naturally lead from time to time to a readjustment of tariff rates. All questions as to the time when a new adjustment of rates will be necessary and as to the character of the revision demanded by the public interests can be safely left to the judgment of a Republican Congress.

## RENOMINATION OF PRESIDENT ROOSEVELT.

### REPUBLICAN CONVENTIONS.

**Alabama.**—We express our faith in his thoroughly American and patriotic ideas, and we believe that his leadership establishes confidence both in the success of Republican principles and the continued prosperity and progress of the country, and we therefore favor his renomination to the great office he fills with patriotism and ability.

**Arkansas.**—We indorse the Administration of President Roosevelt and pledge him support in the continuance of our national prosperity and the maintenance at home and abroad of the nation's honor. Should he be the Republican standard bearer in 1904, we pledge an increased Republican vote from Arkansas.

**Connecticut.**—We heartily approve and applaud President Roosevelt's vigilant care of the country's interests, domestic and foreign, and we favor his nomination for the Presidency by the National Republican Convention of 1904.

**Iowa.**—Approving his purposes and assured that he has the confidence of the people, we look forward to his election to the Presidency in 1904 as to a foreshadowed event demanded by the popular will, and one that will maintain and promote the national prosperity and conserve every national interest.

**Kansas.**—Kansas looks forward with joy to the coming time, but two years distant, when again her delegation, representing a united Republican party, will march under the banners bearing the inscription "For President, Theodore Roosevelt."

**Massachusetts.**—We approve what he has done already, and what he has declared that he intends to do hereafter. Massachusetts sustains and supports his present Administration and intends to sustain and support him in another.

**Missouri.**—The Republican party of Missouri unreservedly indorses Theodore Roosevelt and his Administration. His every official act, whether having reference to our policy at home or abroad, has been inspired by the highest sense of duty and with the desire to advance and promote the best interests of our common country, and we believe that in his character and in his career Theodore Roosevelt has proved himself to be the ideal and logical candidate of our party for President in 1904.

**Minnesota.**—We cordially indorse the able and patriotic Administration of President Roosevelt. We are proud of his manly courage, his purity, and his devotion to the interests of the entire country, and pledge him the earnest support of the Republicans of Minnesota in all his efforts to continue and advance the prosperity of the people at home and the glory of the Republic abroad. It is, therefore, the sense of this convention that President Roosevelt succeed himself as President of the United States.

**New York.**—We give to President Roosevelt and his Administration our heartiest approval and most cordial support. We recognize the fidelity with which he has carried out the policies of his lamented predecessor and the rare capacity he has shown in meeting the new responsibilities of his great office. We look forward with confidence to his election to the Presidency in 1904, and so far as this convention has the power we pledge thereto the earnest efforts of the Republican party of this State.

**Pennsylvania.**—To President Roosevelt and his Administration we give our heartiest approval and support. We pledge ourselves to his renomination to the great office which he has filled with such ability and patriotism.

**Rhode Island.**—We honor his consistent efforts to secure and perpetuate a high standard of public service, and declare here our conviction that his record as the nation's executive merits for him the nomination for President by the National Republican Convention of 1904.

**Texas.**—President Roosevelt is the unanimous choice of Texas Republicans for President in 1904.

**Utah.**—It is the sense of this convention that President Roosevelt be nominated in 1904 as his own successor.

**Washington.**—The Republicans of the State of Washington are in sympathy with you in your brave stand for the common people of the United States, and pledge to Theodore Roosevelt their support and votes for 1904.

## TRUSTS—COMBINATIONS IN RESTRAINT OF TRADE.

### DEMOCRATIC CONVENTIONS.

**Connecticut.**—We demand the most stringent enforcement of all existing laws against trusts, and the passage of such new laws as are required to supplement and give potency to existing statutes. We demand publicity as to the affairs of corporations engaged in interstate commerce, and the enactment of laws requiring all such corporations, before doing business outside the State of their origin, to show that they have no water in their stock and that they are not designed to monopolize any branch of business or the production of any articles of merchandise.

**Illinois.**—Private monopolies destroy competition and control the price of material, labor, and the finished product, thereby thus robbing both producer and consumer; we therefore insist upon a rigid enforcement of the present anti-trust laws, and favor such further legislation, both Federal and State, as may be necessary to prevent such combinations.

**Indiana.**—We denounce the Republican party for its surrender to an alliance with the trusts, and we favor such legislation as will suppress and destroy all trusts or combinations to control the production and the price of commodities.

**Maine.**—We, the Democratic party, favor the immediate abolition of all tariffs upon trust-made articles, the most stringent enforcement of all existing laws against trusts, railroad pools, and unlawful combinations, and the passage of new laws to supplement existing statutes of this nature.

**Massachusetts.**—The present tariff is protecting great trusts in making exorbitant profits upon the necessities of our people, while selling their products to foreign markets at much lower prices than the prices exacted here. We demand the repeal of all tariff duties on articles whose production is controlled by trusts. This is the one simple, practical, and immediate remedy which will at least limit the exactions of monopoly.

**Minnesota.**—The power of the modern trusts is an appalling evil and a monstrous menace. We would revoke the tariff benefits they enjoy; we would refuse the subsidy they seek; we would pass appropriate legislation for the control of their affairs and to secure publicity, and we would enforce the laws against them, sparing none.

**New Hampshire.**—We demand the most stringent enforcement of all existing laws against trusts, monopolies, illegal railroad pools, and combinations; the passage of new and effective laws to supplement existing statutes of this nature and especially prohibiting corporations and trusts, other than banks and insurance companies, from holding stock in other corporations.

**New York.**—The Democratic party is opposed to those gigantic corporate combinations commonly known as trusts, which practically establish monopolies, destroy competition, control the raw material, and increase the price of finished product, thus injuriously affecting both producer and consumer; they lessen the employment of labor, arbitrarily fix the terms and conditions thereof, and deprive individual energy and small capital of their opportunity for betterment. They effectually appropriate the fruits of industry to the benefit of a few thousands at the expense of the many millions of the people, thus concentrating wealth in certain limited classes rather than in the masses of our citizenship. We especially condemn the Beef and Coal Trusts, which have unreasonably raised the price of meat and coal to an extent which threatens the impoverishment and lives of the people. These trust evils are the legitimate product of the Republican policies; they are fostered by Republican laws and excused, apologized for, defended, and protected by Republican Administrations in return for campaign subscriptions and political support.

**South Carolina.**—Existing laws against trusts must be enforced and more stringent ones must be enacted, providing for publicity as to affairs of corporations engaged in interstate commerce, and requiring all corporations to show, before doing business outside of the State of their origin, that they have no water in their stock and that they have not attempted and are not attempting to monopolize any branch of business or the production of any article of merchandise, and the whole constitutional power of Congress over interstate commerce, the mails, and all modes of interstate commerce, shall be exercised by the enactment of comprehensive laws upon the subject of trusts.

**Texas.**—We declare our opposition to trusts, mergers, and other combines for the restriction of trade, and demand that the next Legislature shall pass a law or amend our present laws so that it will be impossible for such corporations to do business in Texas.

### REPUBLICAN CONVENTIONS.

**Connecticut.**—We believe that great aggregations of capital, commonly called "trusts," while necessary for the economic conduct of large business and commercial enterprises, should be subject to such supervision, State or national, as will safeguard public and private interests.

**Iaho.**—The formation of enormous overcapitalized corporations, commonly called trusts, for the purpose of concentrating all of the industries and products of the country in the hands of a few men, stifling competition and enabling them to dictate the wages of labor and the price of commodities to both the producer and the consumer in the interest of their own aggrandizement, is a great and growing evil, the plain remedy for which should be laws regulating the capitalization of corporations within reasonable and moderate limits. We recognize the fact that under the Constitution of the United States, as it now stands, no adequate restrictions can be put upon the organization of such corporations; therefore we favor such amendment to the Constitution as will enable Congress to effectually regulate and suppress all trusts and injurious combinations of aggregated capital.

**India a.**—We are opposed to all trusts or combinations of capital whose purpose or effort is to restrict business or control prices. And we especially denounce those whose tendency it is to increase the cost of living and the necessities of life. We favor legislation to prevent such abuses.

**Iowa.**—We assert the sovereignty of the people over all corporations and aggregations of capital and the right residing in the people to enforce such regulations, restrictions, or prohibitions upon corporate management as will protect the individual and society from abuse of the power which great combinations of capital wield. We cordially indorse the position of President Roosevelt in appealing to the courts to secure regulations that will control great combinations of capital which prevent competition and control the industries of the people without legal sanction or public approval.

**Kansas.**—We cordially indorse the energetic efforts that are being made by the Attorney-General of the United States, under direction of the President, to enforce the provisions of the Sherman anti-trust law enacted by a Republican Congress. The record of our party in its opposition to combinations of capital having for their purpose the restraint of trade, the crushing out of competition, or the arbitrary and unwarranted advancement of prices, is clear and consistent. And if it should become apparent that existing laws are inadequate to properly regulate these combinations, the

Republican party may be relied upon to enact such for their legislation as will fully protect the interests of the people.

**Massachusetts.**—Nearly everything which has been achieved for the benefit of humanity, especially under free governments, has been achieved through cooperation and combination. We recognize the right and the necessity of such cooperation. Labor has the right to combine for its own defence and protection, to secure good wages, reasonable hours for work, and the health and safety of the workmen. Capital has the right to combine to accomplish results too great for individual effort, to promote economy in administration and in manufacture, and to enable it to encounter successfully like combinations in foreign countries for the possession of foreign markets. These combinations of labor and capital, by whatever name they are called, are the natural results of modern economic development, and are entitled to the due protection of the law so long as they are innocent and law-abiding. They must also obey the law, and submit to legal restraint if they become pernicious, dangerous to the public safety, or tyrannical, or if they undertake to interfere with individual liberty. Neither men nor money can be above the law, or be permitted to violate it. No so-called trust must be permitted to use its power to crush out lawful competition, or to defraud unwary investors by fictitious or fraudulent issues of stock, not representing real value. Publicity, honest accounting, issuing stock only for its true value, the prohibition of improper devices to break down competition, and severe penalties for corrupt interference with elections or with legislation by the use of money or offers of employment, will protect the public against injury from large combinations of capital.

**Michigan.**—We realize that large combinations of capital may be necessary, but we desire to express our condemnation of all conspiracies and combinations to restrict business, to create monopolies, to limit production or control prices, and we favor such legislation as will effectually restrain and prevent all such abuses.

**Missouri.**—We are unalterably opposed to all trusts and combinations in restraint of trade, or having for their purpose, in the remotest degree, stifling of competition, and we demand such legislation, both national and State, as will effectually protect the public from these evils. And if such legislation cannot be had under present constitutional powers, we demand such amendment to the Constitution of the United States as will suppress such combinations.

**Nebraska.**—We commend the bold stand that President Roosevelt has taken against the formation or perpetuation of unlawful combinations in restraint of trade.

**New York.**—While we would encourage business enterprises which have for their object the extension of trade and the upbuilding of our State, we condemn all combinations and monopolies in whatever form having for their purpose the destruction of competition in legitimate enterprise, the limitation of production in any field of labor, or the increase of cost to the consumer of the necessities of life, and we pledge the party to the support of such legislation as will suppress and prevent the organization of such illegal combinations.

**Ohio.**—We recognize the necessity of cooperation in order to meet new conditions in the industrial world, and to compete successfully for the world's markets, but all combinations that stifle competition, control prices, limit production, or unduly increase profits or values, and especially when they raise the prices of the necessities of life, are opposed to public policy and should be repressed with a strong hand. The Republican party is the only one that has dealt courageously and honestly with the trust question.

**Pennsylvania.**—We heartily approve the action of the President of the United States through his Attorney-General in instituting proceedings to check the growth of unlawful combinations intended to raise the price of commodities at the expense of the consumer, and we recommend that similar action be taken in all cases where the people are oppressed by trusts or combinations through the illegal manipulation of fuel or food supplies.

**Rhode Island.**—We recognize the tendency, in this age of increased competition, to the formation of consolidated corporations of large capital commonly but erroneously called "trusts," and in so far as they result in the prosecution of business at lessened expense, with cheaper prices to the people, they should not be condemned. The evils growing out of such aggregations of capital should be summarily dealt with by legislative action. The only Congressional enactment looking to the control of such corporations was drawn by a Republican, enacted by a Congress Republican in both branches, and under it prosecutions of the so-called "Beef Trust," and others equally objectionable, are now being made by the Republican Administration.

## OTHER CONVENTIONS SUMMARIZED.

### DEMOCRATIC CONVENTIONS.

**California.**—The convention adopted a platform denouncing a protective tariff and the trusts as inimical to the best interests of the people; favoring the complete exclusion from all American territory of Chinese; demanding the enactment of laws, State and Federal, prohibiting the issuance of injunctions in labor disputes, infringing upon the rights of free speech, free assemblages, and freedom to organize. The platform indorsed the construction of the Isthmian Canal, and favored legislation looking to its early completion; favored an eight-hour day for all Government employes, and the construction of Government vessels in navy yards.

**Colorado.**—The platform indorsed the Kansas City platform of 1900, and the cause of bimetallism, favored the initiative and referendum.

**Georgia.**—We cordially commend our United States Senators and members of the House of Representatives in Congress for their able and patriotic services, and we especially approve their course in opposition to trusts, in opposition to a colonial policy, and in opposition to the ship subsidy bill. We urge that every article of commerce controlled by a trust shall be placed on the free list and all tariff duties shall be removed therefrom.

**Iowa.**—The majority report ignoring free silver was adopted by a vote of 384 to 344. The platform declared in favor of tariff reduction and condemned the Philippine War.

**Missouri.**—The resolutions reaffirmed the Kansas City platform, especial stress being placed on the free silver plank. The Government's Philippine policy was denounced. Drastic legislation was proposed prohibiting all trusts and combinations that have a tendency to destroy competition.

**North Carolina.**—"We reaffirm our allegiance to the Democratic party and its principles as enunciated in its Kansas City platform." The platform declared its opposition to trusts, monopolies, and the protective tariff, and favored the establishment of the Appalachian forest reserves by the Government.

**Rhode Island.**—The Democratic party is opposed to government by injunction and favors the election of Senators of the United States by the people. It pledges itself to stand in the future for every law which will ameliorate the condition of the working classes, especially those laws which relate to shortening the hours of labor.

## PARTY PLATFORMS ON NATIONAL ISSUES IN 1902—Continued.

**South Dakota.**—The platform reaffirmed the principles of the Kansas City platform, favored government control of railroads and public facilities and the election of United States Senators by the direct vote of the people.

**Tennessee.**—The Kansas City platform and the position of Democratic members of Congress were indorsed; then followed a declaration denouncing trusts; a plank favoring tariff for revenue only; a denunciation of the ship subsidy bill and the Republican position on the Philippines; a plank favoring the speedy restoration of peace in the East, and giving the Filipinos independence. The platform declared against the increased standing army, denounced Republican extravagance, favored the construction of the Nicaragua Canal, expressed sympathy for the Boers, and favored liberal commercial relations with Cuba.

**Washington.**—The platform indorsed the Kansas City platform and opposed imperialism and colonialism, government by injunction, trusts, and "trust-fostering tariffs." It condemned "special privileges given for grazing sheep on Government forest reserves," demanded complete exclusion from all American territory of all Chinese, and denounced the Republican majority in Congress for "passing the present weak and inadequate law."

**Wisconsin.**—The platform attacked the present tariff system as fostering trusts and enabling combinations to "rob American consumers." War was declared upon combinations of capital "which shall violate the law by unlawfully destroying competition." The complete separation of Church and State and a welcome to private and parochial schools as valuable auxiliaries to the public school system were favored.

## REPUBLICAN CONVENTIONS.

**Alabama.**—The platform favored "the organization of labor for its legitimate protection and the enactment of laws for the peaceable and fair settlement by arbitration of disagreements as they may arise between organized capital and labor," favored child law legislation relating to work in cotton mills, condemned "the spirit which seeks to arouse the prejudice of the people against the railroads," and advocated the "enactment of laws so regulating the railroads as to adequately protect the interests of the people, but was opposed to any drastic measures;" indorsed "the wisdom of the Dingley tariff law," and urged a continuance of that policy. Republican legislation to build an interoceanic canal was approved. The "bravery and heroism of our soldiers and sailors in the Philippines" were applauded, and the attacks of the Democratic party on them condemned. The nomination of President Roosevelt was favored.

**Arkansas.**—The platform indorsed the Cuban reciprocity views of President Roosevelt, favored the immediate building of an interoceanic canal, and indorsed the efforts of the National Administration to enforce the provisions of the Sherman anti-trust law.

**Idaho.**—The platform favored a revision of the tariff to the extent of placing on the free list products controlled by monopolies; declared as a "great and growing evil" the trusts formed for the purpose of stifling competition, and demanded laws to regulate them; favored the opening of forest reservation, and opposed the railway merger.

**Maine.**—The platform praised President Roosevelt, expressed faith in the protective tariff, congratulated Cuba on independence, and approved of the policy in the Philippines.

**Montana.**—The platform declared for Roosevelt for President in 1904, favored a duty on woollen products, demanded protection for American industries with limited revision of the tariff as proposed by Mr. Roosevelt, indorsed the Administration's trust policy, favored a reasonable civil government for the island possessions, and commended the action of the President in enforcing the law against fencing public domain.

**New Hampshire.**—The platform indorsed the present Administration on all points, and favored the nomination of President Roosevelt. Illegal combinations were condemned.

**South Dakota.**—The platform favored the settlement of disputes between capital and labor by arbitration, rejoiced over the pacification of the Philippine Islands, and denounced partisan attacks upon the behavior of the United States soldiers.

**Tennessee.**—The platform favored legal restraint of monopolies, denounced attacks on the American soldiers in the Philippines, and thanked Senator Lodge for defending them in the Senate.

## United States Senators Elected in 1902.

The terms of the following United States Senators expire March 4, 1903:

Messrs. Allison, Iowa; Clay, Georgia; Deboe, Kentucky; Dillingham, Vermont; Fairbanks, Indiana; Foraker, Ohio; Gallinger, New Hampshire; Hansbrough, North Dakota; Harris, Kansas; Heitfeld, Idaho; Jones, Arkansas; Jones, Nevada; Kittridge, South Dakota; McEnery, Louisiana; McLaurin, South Carolina; Mallory, Florida; Mason, Illinois; Penrose, Pennsylvania; Perkins, California; Pettus, Alabama; Platt, Connecticut; Platt, New York; Pritchard, North Carolina; Rawlins, Utah; Simon, Oregon; Spooner, Wisconsin; Teller, Colorado; Turner, Washington; Vest, Missouri; Wellington, Maryland. Republicans, 18; Democrats, 12.

Of the above Messrs. Allison, Rep., Iowa; Clay, Dem., Georgia; McEnery, Dem., Louisiana; Dillingham, Rep., Vermont, and Foraker, Rep., Ohio, have been re-elected for the term 1903-1909.

Mr. McCreary, Dem., Kentucky, has been elected to succeed Mr. Deboe, Rep.; and Mr. Gorman, Dem., Maryland, has been elected to succeed Mr. Wellington, Rep.; the elections being for the term 1903-1909.

Mr. Dolliver, Rep., Iowa, has been elected to fill the unexpired term of Mr. Gear, Rep., deceased, which ends 1907, and Mr. Dryden, Rep., New Jersey, has been elected to fill the unexpired term of Mr. Sewell, Rep., deceased, which ends in 1907.

Mr. Jones, Dem., Arkansas, will be succeeded by Mr. James P. Clarke, Dem., under instructions from the Democratic State Convention to the Legislature, and Mr. McLaurin, Dem., South Carolina, will be succeeded by Mr. Asbury C. Latimer, Dem., in accordance with the vote taken at the Democratic primaries.

The other vacancies taking place in 1903 will be filled by the Legislatures meeting this year. The seats to be filled are those of Messrs. Fairbanks, Rep., Indiana; Gallinger, Rep., New Hampshire; Hansbrough, Rep., North Dakota; Harris, Dem., Kansas; Heitfeld, Dem., Idaho; Jones, Rep., Nevada; Kittridge, Rep., South Dakota; Mallory, Dem., Florida; Mason, Rep., Illinois; Penrose, Rep., Pennsylvania; Perkins, Rep., California; Pettus, Dem., Alabama; Platt, Rep., Connecticut; Platt, Rep., New York; Pritchard, Rep., North Carolina; Rawlins, Dem., Utah; Simon, Rep., Oregon; Spooner, Rep., Wisconsin; Teller, Dem., Colorado; Turner, Dem., Washington; Vest, Dem., Missouri. Republicans, 13; Democrats, 8.



## Progress of the United States IN AREA, POPULATION, AND MATERIAL INDUSTRIES.

(Compiled from a statement prepared by the Chief of the Bureau of Statistics, Treasury Department.)

|                                                 | 1800.      | 1850.         | 1870.            | 1900.            | 1902.          |
|-------------------------------------------------|------------|---------------|------------------|------------------|----------------|
| Area *.....square miles..                       | 827,844    | 2,980,959     | 3,025,600        | 3,025,600        | 3,025,600      |
| Population.....                                 | 5,308,483  | 23,191,876    | 38,558,371       | 76,303,887       | 79,003,000     |
| Population per square mile.....                 | 6.41       | 7.78          | 12.74            | 25.22            | 26.11          |
| Wealth †.....                                   |            | 7,135,780,000 | 30,068,518,000   | † 94,300,000,000 | .....          |
| Wealth per capita.....dols.                     |            | 307.69        | 779.83           | 1,235.86         | .....          |
| Public debt, less cash in Treasury.....dols.    |            | 63,459,773.55 | 2,331,169,956.21 | 1,107,711,257.89 | 969,457,241.04 |
| Gold coined.....dols.                           | 317,760    | 31,981,739    | 23,198,788       | 99,272,943       | .....          |
| Silver coined.....dols.                         | 224,296    | 1,866,100     | 1,378,256        | 56,295,321       | .....          |
| Gold in circulation.....dols.                   |            |               | 25,000,000       | 610,806,472      | 629,271,532    |
| Silver in circulation.....dols.                 |            |               |                  | 142,050,334      | 151,436,658    |
| Nat. bank notes outstanding (Oct. 31).....dols. |            |               | 301,859,275      | 331,580,183      | 356,672,091    |
| Circulation of money.....dols.                  |            |               | 675,212,794      | 2,055,150,998    | 2,246,629,412  |
| Circulation per capita.....dols.                |            |               | 17.50            | 26.93            | 28.40          |
| National banks (Jan. 1).....no.                 |            |               | 1,619            | 3,606            | 4,237          |
| National banks—capital.....dols.                |            |               | 433,803,311      | 608,588,045      | 670,164,195    |
| Bank clearings, New York.....dols.              |            |               | 27,804,539,406   | 51,964,588,564   | .....          |
| Bank clearings, United States.....dols.         |            |               |                  | 84,582,450,081   | .....          |
| Deposits in national banks.....dols.            |            |               |                  | 507,368,619      | 3,111,690,196  |
| Deposits in savings banks.....dols.             |            | 43,431,130    | 549,874,358      | 2,623,997,522    | .....          |
| Farm property, value.....dols.                  |            | 3,967,348,580 | 8,944,857,749    | 2,449,547,885    | .....          |
| Farm products, value.....dols.                  |            |               | 1,958,030,927    | 20,514,001,838   | .....          |
| Manufacturing establishments.....no.            |            | 123,025       | 252,148          | 512,734          | .....          |
| Manufactures in U. S., value.....dols.          |            | 1,019,106,616 | 4,232,325,442    | 13,039,279,566   | .....          |
| Receipts—Net ordinary.....dols.                 | 10,848,749 | 43,592,859    | 395,959,834      | 567,230,852      | 562,478,233    |
| Customs.....dols.                               | 9,080,933  | 39,068,686    | 154,538,374      | 233,164,871      | 254,444,708    |
| Internal revenue.....dols.                      | 809,397    | 9,634,173     | 184,899,756      | 295,327,927      | 271,880,122    |
| Expenditures—Net ordinary.....dols.             | 7,411,370  | 37,165,990    | 164,421,507      | 447,555,458      | 442,082,813    |
| War.....dols.                                   | 2,560,879  | 9,637,025     | 57,655,675       | 134,774,768      | 112,272,216    |
| Navy.....dols.                                  | 3,448,716  | 7,904,725     | 21,780,230       | 55,965,078       | 67,803,128     |
| Pensions.....dols.                              | 64,131     | 1,866,836     | 28,340,202       | 140,877,316      | 138,498,560    |
| Interest, debt.....dols.                        | 3,402,601  | 3,782,393     | 129,235,498      | 40,160,333       | 29,108,405     |
| Imports merchandise.....dols.                   | 91,252,768 | 173,509,526   | 435,968,408      | 849,941,184      | 903,320,948    |
| Imports merchandise per capita.....dols.        | 17.19      | 7.43          | 11.06            | 10.88            | 11.43          |
| Exports merchandise.....dols.                   | 70,971,780 | 144,375,726   | 392,771,768      | 1,394,463,062    | 1,381,719,401  |
| Exports merchandise per capita.....dols.        | 13.37      | 6.23          | 9.77             | 17.96            | 17.49          |
| Imports iron and steel and manufs. dols.        |            | 17,665,398    | 32,655,454       | 20,478,728       | 27,180,247     |
| Exports iron and steel and manufs. dols.        |            | 1,911,820     | 11,002,802       | 121,913,548      | 95,552,562     |
| agricultural products.....dols.                 |            | 108,605,713   | 861,188,483      | 835,858,123      | 851,465,622    |
| manufactures.....dols.                          |            | 17,580,456    | 68,279,764       | 439,851,756      | 403,626,437    |
| Farm animals, total value.....dols.             |            | 544,180,516   | 1,822,325,277    | § 2,981,054,115  | .....          |
| Cattle.....no.                                  |            | 17,778,907    | 25,484,100       | † 67,804,022     | .....          |
| Horses.....no.                                  |            | 4,336,719     | 8,248,800        | 18,206,140       | .....          |
| Sheep.....no.                                   |            | 21,723,220    | 40,853,000       | 61,605,811       | .....          |
| Mules.....no.                                   |            | 559,331       | 1,179,500        | 1,306,724        | .....          |
| Swine.....no.                                   |            | 30,354,213    | 26,751,400       | 79,171,000       | .....          |
| Production of gold.....dols.                    |            | 50,000,000    | 50,000,000       | 74,533,495       | .....          |
| silver.....dols.                                |            | 50,000,000    | 15,000,000       | 240,956,917      | .....          |
| coal.....tons.                                  |            | 3,358,899     | 32,863,000       | 2,681,233,568    | .....          |
| petroleum.....gals.                             |            |               | 220,951,290      | 13,789,242       | .....          |
| pig iron.....tons.                              |            | 563,755       | 1,665,179        | 10,188,329       | .....          |
| steel.....tons.                                 |            |               | 68,750           | 270,588          | .....          |
| wopper.....tons.                                |            | 650           | 12,600           | .....            | .....          |
| wool.....lbs.                                   |            | 52,516,959    | 162,000,000      | 288,636,621      | .....          |
| wheat.....bush.                                 |            | 100,485,944   | 235,884,700      | 522,229,505      | .....          |
| corn.....bush.                                  |            | 592,071,104   | 1,094,255,000    | 2,105,102,516    | .....          |
| cotton.....bales.                               | 155,556    | 2,333,718     | 3,114,592        | 9,436,416        | .....          |
| sugar.....tons.                                 |            | 110,626       | 46,800           | 149,239          | .....          |
| Cotton taken by mills.....bales.                |            | 595,000       | 857,000          | 3,644,000        | .....          |
| Cotton exported.....lbs.                        |            | 1,026,602,269 | 958,558,523      | 3,100,583,188    | 3,500,778,763  |
| Railways in operation.....miles.                |            | 9,021         | 52,922           | 194,521          | 201,839        |
| Passengers carried.....no.                      |            |               |                  | 584,695,935      | .....          |
| Freight carried 1 mile.....tons.                |            |               |                  | 141,162,109,413  | .....          |
| American vessels built.....tons.                | 106,261    | 279,355       | 276,953          | 393,790          | .....          |
| Post-offices.....no.                            | 903        | 18,417        | 28,492           | 76,688           | .....          |
| Receipts of P. O. Department.....dols.          | 280,804    | 5,499,985     | 19,772,221       | 102,354,579      | .....          |
| Telegraph messages.....no.                      |            |               | 9,157,646        | 63,167,783       | .....          |
| Newspapers and periodicals.....no.              |            | 2,526         | 5,871            | 20,806           | .....          |
| Public schools, salaries paid in.....dols.      |            |               | 27,832,566       | 136,031,838      | .....          |
| Patents issued.....no.                          |            | 6,981         | 13,333           | 26,499           | .....          |
| Immigrants arrived.....no.                      |            | 310,004       | 387,203          | 448,672          | 648,743        |

\* Exclusive of Alaska and islands belonging to the United States. † True valuation of real and personal property. ‡ Estimated. § Does not include value of animals in cities estimated in 1900 at \$220,000,000. ¶ Does not include animals in cities (including stock yards, of which the census of 1900 shows: Cattle, 1,616,422; horses, 2,936,881; sheep, 231,301; mules, 189,755, and swine, of 1890), but does include animals under one year of age, which were not included in figures

**Democratic National and State Committees.**

DEMOCRATIC NATIONAL COMMITTEE.

Appointed by the Democratic National Convention at Kansas City, July, 1900.

|                            |                         |                |                     |                       |                |
|----------------------------|-------------------------|----------------|---------------------|-----------------------|----------------|
| <i>Chairman</i> .....      | JAMES K. JONES.....     | Wash'tn, Ark.  | Missouri.....       | William J. Stone..... | St. Louis.     |
| <i>Vice-Chairman</i> ..... | W. J. Stone.....        | St. Louis, Mo. | Montana.....        | J. S. M. Neill.....   | Helena.        |
| <i>Secretary</i> .....     | C. A. Walsh.....        | Ottumwa, Ia.   | Nebraska.....       | J. C. Dahlan.....     | Omaha.         |
| Alabama.....               | Henry D. Clayton.....   | Eufaula.       | Nevada.....         | J. R. Ryan.....       | Virginia City. |
| Alaska.....                | L. L. Williams.....     | Juneau.        | New Hampshire.....  | True L. Norris.....   | Portsmouth.    |
| Arizona.....               | J. B. Breathitt.....    | Tucson.        | New Jersey.....     | W. B. Gourley.....    | Paterson.      |
| Arkansas.....              | P. P. Clark.....        | Little Rock.   | New Mexico.....     | H. B. Ferguson.....   | Albuquerque.   |
| California.....            | M. F. Tarpey.....       | Alameda.       | New York.....       | N. E. Mack.....       | Buffalo.       |
| Colorado.....              | Adair Wilson.....       | Denver.        | North Carolina..... | Josephus Daniels..... | Raleigh.       |
| Connecticut.....           | H. S. Cummings.....     | Stamford.      | North Dakota.....   | J. B. Eaton.....      | Fargo.         |
| Delaware.....              | R. R. Kenney.....       | Dover.         | Ohio.....           | John R. McLean.....   | Cincinnati.    |
| Florida.....               | George R. Raney.....    | Tallahassee.   | Oklahoma.....       | James R. Jacobs.....  | Shawnee.       |
| Georgia.....               | Clark Howell, Jr.....   | Atlanta.       | Oregon.....         | M. A. Miller.....     | Lebanon.       |
| Hawaii.....                | Win. H. Cornwell.....   | Honolulu.      | Pennsylvania.....   | J. M. Guffey.....     | Pittsburgh.    |
| Idaho.....                 | E. M. Wolfe.....        | Mount'n Home.  | Rhode Island.....   | G. W. Greene.....     | Woonsocket.    |
| Illinois.....              | Thomas Gahan.....       | Chicago.       | South Carolina..... | B. R. Tillman.....    | Trenton.       |
| Indiana.....               | Thomas Taggart.....     | Indianapolis.  | South Dakota.....   | Maris Taylor.....     | Huron.         |
| Iowa.....                  | C. A. Walsh.....        | Ottumwa.       | Tennessee.....      | James M. Head.....    | Nashville.     |
| Kansas.....                | J. G. Johnson.....      | Peabody.       | Texas.....          | R. M. Johnston.....   | Houston.       |
| Kentucky.....              | Urey Woodson.....       | Owensboro.     | Utah.....           | D. C. Dunbar.....     | Salt Lake City |
| Louisiana.....             | N. C. Blanchard.....    | Shreveport.    | Virginia.....       | Peter J. Otey.....    | Lynchburg.     |
| Maine.....                 | George E. Hughes.....   | Bath.          | Vermont.....        | J. H. Senter.....     | Montpelier.    |
| Maryland.....              | A. P. Gorman.....       | Baltimore.     | Washington.....     | W. H. Dunphy.....     | Walla Walla.   |
| Massachusetts.....         | Geo. Fred Williams..... | Boston.        | West Virginia.....  | John T. McGraw.....   | Grafton.       |
| Michigan.....              | D. J. Campau.....       | Detroit.       | Wisconsin.....      | T. E. Ryan.....       | Waukesha.      |
| Minnesota.....             | T. D. O'Brien.....      | St. Paul.      | Wyoming.....        | J. E. Osborne.....    | Rawlins.       |
| Mississippi.....           | A. J. Russell.....      | Meridian.      |                     |                       |                |

DEMOCRATIC STATE COMMITTEES.

| STATES.             | Chairmen.                | Post-Offices.  | Secretaries.              | Post-Offices.   |
|---------------------|--------------------------|----------------|---------------------------|-----------------|
| Alabama.....        | Robert J. Lowe.....      | Birmingham     | John C. Pugh.....         | Birmingham.     |
| Alaska.....         | F. C. Hammond.....       | Juneau         | F. D. Kelsey.....         | Valdes.         |
| Arizona.....        | E. E. Ellenwood.....     | Flagstaff.     | Frank P. Trott.....       | Phoenix.        |
| Arkansas.....       | Carroll Armstrong.....   | Morrillion     | Gray Carroll.....         | Little Rock.    |
| California.....     | Bernard D. Murphy.....   | San Francisco. | Al. McCabe.....           | San Francisco.  |
| Colorado.....       | Milton Smith.....        | Denver         | Thos. H. Tulley.....      | Denver.         |
| Connecticut.....    | John J. Walsh.....       | Norwalk.       | E. S. Thomas.....         | West Haven.     |
| Delaware.....       | Willard Saulsbury.....   | Wilmington.    | Chas. C. Clifton.....     | Felton.         |
| Florida.....        | Frank Clark.....         | Jacksonville   | James E. Crane.....       | Tampa.          |
| Georgia.....        | Edward T. Brown.....     | Atlanta        | J. M. Goldsmith.....      | Atlanta.        |
| Idaho.....          | S. P. Donnolly.....      | Coeur d'Alene. | L. C. Rice.....           | St. Anthony.    |
| Illinois.....       | Walter Watson.....       | Mt. Vernon.    | F. E. Eldred.....         | Chicago.        |
| Indiana.....        | W. H. O'Brien.....       | Lawrenceburg.  | Joe Reiley.....           | Indianapolis.   |
| Iowa.....           | A. E. Jackson.....       | Tama           | N. C. Roberts.....        | Fort Madison.   |
| Kansas.....         | Hugh P. Farrelly.....    | Chanute.       | Charles McCrum.....       | Garnett.        |
| Kentucky.....       | Allie W. Young.....      | Mt. Sterling   | Percy Halcy.....          | Frankfort.      |
| Louisiana.....      | E. B. Kruttschnitt.....  | New Orleans    | Robert S. Landry.....     | New Orleans.    |
| Maine.....          | Geo. E. Hughes.....      | Bath           | Fred. Emery Beane.....    | Hallowell.      |
| Maryland.....       | Murray Vandiver.....     | Havre de Grace | Lloyd Wilkinson.....      | Baltimore.      |
| Massachusetts.....  | William S. McNary.....   | Boston.        | Stephen M. Walsh.....     | Boston.         |
| Michigan.....       | Justin R. Whiting.....   | St. Clair.     | Chas. S. Hampton.....     | Detroit.        |
| Minnesota.....      | H. L. Buck.....          | St. Paul.      | H. L. Tolmie.....         | St. Paul.       |
| Mississippi.....    | C. C. Miller.....        | Meridian       | Chas. A. Gordon.....      | Port Gibson.    |
| Missouri.....       | W. A. Rothwell.....      | Moberly        | T. F. Mitchum.....        | Sedalia.        |
| Montana.....        | Walter Cooper.....       | Bozeman        | Harvey Bliss.....         | Big Timber.     |
| Nebraska.....       | P. L. Hall.....          | Lincoln        | W. M. Cain.....           | David City.     |
| Nevada.....         | Charles H. Stoddard..... | Reno.          | J. H. Dennis.....         | Reno.           |
| New Hampshire.....  | Nathaniel E. Martin..... | Concord.       | Thos. Madigan, Jr.....    | Concord.        |
| New Jersey.....     | William B. Gourley.....  | Paterson.      | William K. Devereaux..... | Asbury Park.    |
| New Mexico.....     | O. N. Marrow.....        | Albuquerque    | P. F. McCanna.....        | Albuquerque.    |
| New York.....       | Frank Campbell.....      | Bath           | John N. Carlisle.....     | Watertown.      |
| North Carolina..... | E. M. Simmons.....       | Raleigh.       | Alex. J. Feild.....       | Raleigh.        |
| North Dakota.....   | Thomas Kleinogel.....    | Fargo.         | J. B. Mooney.....         | Grand Forks.    |
| Ohio.....           | H. C. Garber.....        | Greenville     | A. P. Sandles.....        | Ottawa.         |
| Oklahoma.....       | W. M. Anderson.....      | Emit.          |                           |                 |
| Oregon.....         | Samuel White.....        | Baker City     | Richard W. Montague.....  | Portland.       |
| Pennsylvania.....   | Wm. T. Creasy.....       | Catawissa.     | P. Gray Meek.....         | Bellefonte.     |
| Rhode Island.....   | George W. Greene.....    | Woonsocket     | Randolph Shirk.....       | Erie.           |
| South Carolina..... | Wlie Jones.....          | Columbia.      | Patrick H. Quinn.....     | Providence.     |
| South Dakota.....   | E. S. Johnson.....       | Armour.        | J. T. Parks.....          | Orangeburg.     |
| Tennessee.....      | F. M. Thompson.....      | Chatanooga     | H. H. Smith.....          | Armour.         |
| Texas.....          | James B. Wells.....      | Brownsville    | T. B. Carroll.....        | Lexington.      |
| Utah.....           | Frank J. Cannon.....     | Ogden          | Jeff. M. Lemore.....      | Austin.         |
| Virginia.....       | J. Taylor Ellyson.....   | Richmond.      | Paul J. Daly.....         | Salt Lake City. |
| Vermont.....        | Emory S. Harris.....     | Bennington.    | J. G. Hankins.....        | Richmond.       |
| Washington.....     | Henry Drum.....          | Olympia        | Henry Covlin.....         | Winooski.       |
| West Virginia.....  | J. H. Miller.....        | Hinton         | George Hazzard.....       | Tacoma.         |
| Wisconsin.....      | A. F. Warden.....        | Milwaukee.     | W. E. R. Bryne.....       | Charleston.     |
| Wyoming.....        | E. D. Hammond.....       | Casper         | F. M. Harbach.....        | Milwaukee.      |
|                     |                          |                | Warren Galvin.....        | Rawlins.        |

# Republican National and State Committees.

## REPUBLICAN NATIONAL COMMITTEE.

Appointed by the Republican National Convention at Philadelphia, June, 1900. (Revised to October, 1902.)

|                     |                                     |                     |                         |                 |
|---------------------|-------------------------------------|---------------------|-------------------------|-----------------|
| Chairman.....       | MARCUSA HANNA, Cleveland, O.        | Mississippi.....    | H. C. Turley.....       | Natchez.        |
| Treasurer.....      | Perry S. Heath..... Salt Lake City. | Missouri.....       | R. C. Kerens.....       | St. Louis.      |
| Alabama.....        | Cornelius N. Bliss..... New York.   | Montana.....        | C. H. McLeod.....       | Missoula.       |
| Alaska.....         | J. W. Dimmick..... Montgomery.      | Nebraska.....       | R. B. Schneider.....    | Fremont.        |
| Arizona.....        | John G. Healdt..... Juneau.         | Nevada.....         | P. L. Flanigan.....     | Reno.           |
| Arkansas.....       | W. M. Griffith..... Tucson.         | New Hampshire.....  | J. H. Gallinger.....    | Concord.        |
| California.....     | Powell Clayton..... Eureka Springs  | New Jersey.....     | F. Murphy.....          | Newark.         |
| Colorado.....       | W. C. Van Fleet..... San Francisco. | New Mexico.....     | Solomon Luna.....       | Los Lunas.      |
| Connecticut.....    | A. M. Stevenson..... Denver.        | New York.....       | Fred. S. Gibbs.....     | New York.       |
| Delaware.....       | Charles F. Brooker Ansonia.         | North Carolina..... | J. C. Pritchard.....    | Marshall.       |
| Dist. Columbia..... | John E. Addicks..... Wilmington.    | North Dakota.....   | Alex. McKenzie.....     | Bismarck.       |
| Florida.....        | Myron M. Parker..... Washington.    | Ohio.....           | Myron T. Herrick.....   | Cleveland.      |
| Georgia.....        | J. G. Long..... St. Augustine.      | Oklahoma.....       | William Grimes.....     | Kingfisher.     |
| Hawaii.....         | Judson W. Lyons..... Augusta.       | Oregon.....         | George A. Steel.....    | Portland.       |
| Idaho.....          | Samuel Parker..... Honolulu.        | Pennsylvania.....   | Matt. S. Quay.....      | Philadelphia.   |
| Illinois.....       | D. W. Standrod..... Pocatello.      | Rhode Island.....   | Charles R. Brayton..... | Providence.     |
| Indiana.....        | Graeme Stewart..... Chicago.        | South Carolina..... | John G. Capers.....     | Charleston.     |
| Indian Ter.....     | Harry S. New..... Indianapolis.     | South Dakota.....   | J. M. Greene.....       | Chamberlain.    |
| Iowa.....           | Wm. M. Mellette..... Vinita.        | Tennessee.....      | W. P. Brownlow.....     | Jonesboro.      |
| Kansas.....         | Ernest E. Hart..... Council Bluffs. | Texas.....          | R. B. Hawley.....       | Galveston.      |
| Kentucky.....       | David W. Mulvane..... Topeka.       | Utah.....           | O. J. Salisbury.....    | Salt Lake City. |
| Louisiana.....      | John W. Yerkes..... Danville.       | Vermont.....        | James W. Brock.....     | Montpelier.     |
| Maine.....          | Lewis S. Clark..... Patterson.      | Virginia.....       | G. E. Bowden.....       | Norfolk.        |
| Maryland.....       | J. H. Manley..... Augusta.          | West Virginia.....  | N. B. Scott.....        | Wheeling.       |
| Massachusetts.....  | Louis E. McComas..... Hagerstown.   | Washington.....     | George H. Baker.....    | Goldendale.     |
| Michigan.....       | Geo. V. L. Meyer..... Boston.       | Wisconsin.....      | Henry C. Payne.....     | Milwaukee.      |
| Minnesota.....      | John W. Blodgett..... Grand Rapids. | Wyoming.....        | W. D. Vandevanter.....  | Cheyenne.       |
|                     | Thos. H. Shevlin..... Minneapolis.  |                     |                         |                 |

## REPUBLICAN STATE COMMITTEES.

| STATES.             | Chairmen.               | Post-Offices.     | Secretaries.            | Post-Offices. |
|---------------------|-------------------------|-------------------|-------------------------|---------------|
| Alabama.....        | William Vaughan.....    | Birmingham        | C. F. Johnson.....      | Mobile.       |
| Arizona.....        | Charles R. Drake.....   | Tucson            | J. K. Corbett.....      | Tucson.       |
| Arkansas.....       | H. L. Remmel.....       | Little Rock.      | W. S. Holt.....         | Little Rock.  |
| California.....     | Wm. M. Cutler.....      | Marysville.       | Chas. E. Snook.....     | Oakland.      |
| Colorado.....       | D. B. Fairly.....       | Colorado Springs. | John F. Vivian.....     | Golden.       |
| Connecticut.....    | Andrew F. Gates.....    | Hartford          | George E. Hinman.....   | Willimantic.  |
| Delaware.....       | Henry B. Thompson.....  | Wilmington        | George E. Hynson.....   | Wilmington.   |
| Florida.....        | Henry S. Chubb.....     | Gainesville       | Joseph E. Lee.....      | Jacksonville. |
| Georgia.....        | W. A. Pledger.....      | Atlanta           | John H. Deveaux.....    | Savannah.     |
| Idaho.....          | Frank A. Fenn.....      | Boise             | Geo. A. Robethau.....   | Pocatello.    |
| Illinois.....       | F. H. Rowe.....         | Chicago.          | Luman T. Hoy.....       | Chicago.      |
| Indiana.....        | Chas. S. Hernly.....    | New Castle.       | Warren Bigler.....      | Wabash.       |
| Iowa.....           | R. H. Spencer.....      | Mt. Ayr.          | C. W. Phillips.....     | Maquoketa.    |
| Kansas.....         | Morton Albaugh.....     | Topeka.           | C. F. Raney.....        | Fort Scott.   |
| Kentucky.....       | C. M. Barnett.....      | Hartford          | A. L. Gwathmey.....     | Anchorage.    |
| Louisiana.....      | F. B. Williams.....     | Patterson.        | M. J. McFarlane.....    | New Orleans.  |
| Maine.....          | P. M. Simpson.....      | Bangor.           | Byron Boyd.....         | Augusta.      |
| Maryland.....       | P. L. Goldsborough..... | Baltimore.        | Henry F. New.....       | Baltimore.    |
| Massachusetts.....  | A. H. Goetting.....     | Boston.           | Thorndike Spalding..... | Boston.       |
| Michigan.....       | Gerrit J. Diekema.....  | Holland.          | D. E. Alword.....       | Clare.        |
| Minnesota.....      | Robert Jamison.....     | St. Paul.         | C. C. Whitney.....      | St. Paul.     |
| Mississippi.....    | E. W. Collins.....      | Jackson.          | J. W. Randolph.....     | Jackson.      |
| Missouri.....       | Thos. J. Akins.....     | St. Louis.        | A. F. Shriner.....      | St. Louis.    |
| Montana.....        | William Lindsay.....    | Glendive.         | J. B. Collins.....      | Helena.       |
| Nebraska.....       | H. C. Lindsay.....      | Pawnee City.      | John T. Mallalieu.....  | Kearney.      |
| Nevada.....         | Geo. T. Mills.....      | Carson City.      | E. D. Vanderlieth.....  | Carson City.  |
| New Hampshire.....  | Jacob H. Gallinger..... | Concord.          | Thos. F. Clifford.....  | Franklin.     |
| New Jersey.....     | Franklin Murphy.....    | Newark.           | John S. Gibson.....     | Newark.       |
| New Mexico.....     | Frank A. Hubbell.....   | Albuquerque.      | José D. Seno.....       | Santa Fé.     |
| New York.....       | Geo. W. Dunn.....       | Binghamton.       | Reuben L. Fox.....      | Oneonta.      |
| North Carolina..... | S. C. Pritchard.....    | Marshall.         | D. C. Pearson.....      | Morganton.    |
| North Dakota.....   | L. B. Hanna.....        | Fargo.            | M. H. Jewell.....       | Bismarck.     |
| Ohio.....           | P. W. Durr.....         | Cincinnati.       | Mark Slater.....        | Dayton.       |
| Oklahoma.....       | Wm. Grimes.....         | Guthrie.          | H. F. Arbery.....       | Guthrie.      |
| Oregon.....         | W. F. Mathews.....      | Portland.         | H. C. Smith.....        | Portland.     |
| Pennsylvania.....   | Matt. S. Quay.....      | Philadelphia.     | W. R. Andrews.....      | Philadelphia. |
| Rhode Island.....   | Hunter C. White.....    | Providence.       | Chas. H. Howland.....   | Pawtucket.    |
| South Carolina..... | Edmund H. Deas.....     | Darlington.       | James H. Johnson.....   | Columbia.     |
| South Dakota.....   | Frank Corne.....        | Pierre.           | E. A. Warner.....       | Pierre.       |
| Tennessee.....      | J. W. Borches.....      | Knoxville.        | J. C. R. McCall.....    | Huntingdon.   |
| Texas.....          | E. H. R. Green.....     | Terrell.          | G. W. Johnson.....      | Corsicana.    |
| Utah.....           | James H. Anderson.....  | Salt Lake City.   | Thomas Pitt.....        | Brigham City. |
| Vermont.....        | Ira R. Allen.....       | Fair Haven.       | Alfred E. Watson.....   | Hartford.     |
| Virginia.....       | Park Acney.....         | Alexandria.       | Asa Rogers.....         | Petersburg.   |
| Washington.....     | Ellis Morrison.....     | Seattle.          | M. E. Hay.....          | Wilbur.       |
| West Virginia.....  | W. M. O. Dawson.....    | Charleston.       | James K. Hall.....      | Wheeling.     |
| Wisconsin.....      | George E. Bryant.....   | Madison.          | Frank T. Tucker.....    | Neillsville.  |
| Wyoming.....        | J. A. Van Orsdel.....   | Cheyenne.         | Robert P. Fuller.....   | Cheyenne.     |

## Prohibition National Committee.

|                            |                                                  |
|----------------------------|--------------------------------------------------|
| <i>Chairman</i> .....      | OLIVER W. STEWART, Chicago, Ill.                 |
| <i>Vice-Chairman</i> ..... | SAMUEL DICKIE, Albion, Mich.                     |
| <i>Secretary</i> .....     | JAMES H. TATE, Dyer, Tenn.                       |
| Arkansas .....             | Mrs. B. Babcock..... Little Rock.                |
| California .....           | Gabrielle Stickney..... Los Angeles.             |
| Colorado .....             | J. N. Scouler..... Denver.                       |
|                            | Mrs. M. E. Craise..... Denver.                   |
| Connecticut .....          | F. G. Platt..... New Britain.                    |
|                            | Charles E. Steele..... New Britain.              |
| Delaware .....             | A. R. Tatum..... Wilmington.                     |
|                            | G. W. Todd..... Wilmington.                      |
| Idaho .....                | H. A. Lee..... Weiser.                           |
|                            | E. B. Sutton..... Boise.                         |
| Illinois .....             | O. W. Stewart..... Chicago.                      |
|                            | Hale Johnson..... Newton.                        |
| Indiana .....              | Charles Eckhart..... Auburn.                     |
|                            | F. T. McWhirter..... Indianapolis.               |
| Iowa .....                 | Malcolm Smith..... Cedar Rapids.                 |
|                            | Rev. W. L. Ferris..... Cherokee.                 |
| Kansas .....               | T. D. Talmadge..... Hutchinson.                  |
|                            | J. B. Garton..... Clayton.                       |
| Kentucky .....             | F. E. Beauchamp..... Lexington.                  |
|                            | T. B. Demaree..... Union Mills.                  |
| Maine .....                | N. F. Woodbury..... Auburn.                      |
|                            | C. H. Clary..... Hallowell.                      |
| Maryland .....             | Joshua Levering..... Baltimore.                  |
|                            | L. S. Melson..... Bishopville.                   |
| Massachusetts .....        | Frank M. Forbush..... Newton.                    |
|                            | H. S. Morley..... Baldwinville.                  |
| Michigan .....             | Fred. E. Britten..... Detroit.                   |
|                            | Samuel Dickie..... Albion.                       |
| Minnesota .....            | W. J. Dean..... Minneapolis.                     |
|                            | J. F. Heiberg..... Heiberg.                      |
| Missouri .....             | H. P. Faris..... Clinton.                        |
|                            | Charles E. Stokes..... Mexico.                   |
| Montana .....              | T. P. Street..... Missoula.                      |
|                            | E. M. Gardner..... Bozeman.                      |
| Nebraska .....             | A. G. Wolfenbarger..... Lincoln.                 |
|                            | L. G. Parker..... Crab Orchard.                  |
|                            | New Hampshire..... H. O. Jackson..... Littleton. |
|                            | L. F. Richardson..... Peterboro.                 |
| New Jersey.....            | W. H. Nicholson..... Haddonfield.                |
|                            | J. G. Van Cise..... Summit.                      |
| New York.....              | W. T. Wardwell..... New York.                    |
|                            | F. E. Baldwin..... Elmira.                       |
| North Carolina.....        | T. P. Johnson..... Salisbury.                    |
|                            | Edwin Shaver..... Salisbury.                     |
| North Dakota.....          | M. H. Kiff..... Tower City.                      |
|                            | J. Y. Easterbrook..... Jamestown.                |
| Ohio .....                 | John Danner..... Canton.                         |
|                            | R. J. Candy..... Columbus.                       |
| Oregon .....               | W. P. Elmore..... Brownsville.                   |
|                            | E. O. Miller..... Portland.                      |
| Pennsylvania.....          | A. A. Stevens..... Tyrone.                       |
|                            | Charles R. Jones..... Philadelphia.              |
| Rhode Island.....          | Henry B. Metcalf..... Pawtucket.                 |
|                            | Smith Quimby..... Hill's Grove.                  |
| South Dakota.....          | H. H. Curtis..... Castlewood.                    |
|                            | F. J. Carlisle..... Brookings.                   |
| Tennessee .....            | James A. Tate..... Dyer.                         |
|                            | R. S. Cheves..... Unicoi.                        |
| Texas .....                | D. H. Hancock..... Farmersville.                 |
|                            | Rev. J. G. Adams..... Forth Worth.               |
| Utah .....                 | Jacob S. Boreman..... Ogden.                     |
|                            | C. D. Savery..... Salt Lake City.                |
| Vermont .....              | C. W. Wyman..... Brattleboro.                    |
|                            | H. T. Comins..... East Berkshire.                |
| Virginia.....              | J. W. Bodley..... Staunton.                      |
|                            | W. T. Bundick..... Onancock.                     |
| Washington .....           | E. S. Smith..... Seattle.                        |
|                            | R. S. Greene..... Seattle.                       |
| West Virginia.....         | T. R. Carskadon..... Keiser.                     |
|                            | U. A. Clayton..... Fairmount.                    |
| Wisconsin .....            | S. D. Hastings..... Green Bay.                   |
|                            | O. B. Olsen..... Eau Claire.                     |

## National Democratic National Committee.

("GOLD DEMOCRACY.")

|                                         |                                     |
|-----------------------------------------|-------------------------------------|
| <i>Chairman</i> .....                   | CHARLES TRACEY, Albany, N. Y.       |
| <i>Secretary</i> .....                  | JOHN P. FRENZEL, Indianapolis, Ind. |
| <i>Chairman Finance Committee</i> ..... | CHARLES J. CANDA, New York.         |

## People's Party National Committee.

(FUSION.)

Appointed by the National Convention at Sioux Falls, S. D., May, 1900.

|                        |                               |
|------------------------|-------------------------------|
| <i>Chairman</i> .....  | MARION BUTLER, Elliott, N. C. |
| <i>Secretary</i> ..... | J. A. EDGERTON, Denver, Col.  |

## People's Party National Executive Committee.

(MIDDLE-OF-THE-ROAD.)

Appointed by the National Convention at Cincinnati, O., May, 1900.

|                              |                                                                                                                                                                                              |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Chairman</i> .....        | J. A. PARKER, Louisville, Ky.                                                                                                                                                                |
| <i>Secretary</i> .....       | J. E. MCBRIDE, Grand Rapids, Mich.                                                                                                                                                           |
| <i>Treasurer</i> .....       | MILTON PARK, Dallas, Tex.                                                                                                                                                                    |
| <i>Executive Committee</i> — | George L. Spence, Parkersburg, W. Va.; W. L. Peek, Conyers, Ga.; C. M. Walter, Indianapolis, Ind.; Halder E. Boen, Fergus Falls, Minn.; J. K. Sears, McCoy, Ore.; A. W. Fawcner, Omaha, Neb. |

## Silver Republican National Committee.

Appointed by the National Convention at Kansas City, Mo., July, 1900.

|                                      |                                  |
|--------------------------------------|----------------------------------|
| <i>Chairman</i> .....                | D. C. TILLOTSON, Topeka, Kan.    |
| <i>Secretary and Treasurer</i> ..... | S. E. CORSER, Minneapolis, Minn. |

While this committee has never been formally dissolved, it is understood that its members are practically absorbed by the People's party.

## Christian Union Party National Executive Committee.

Appointed at the National Convention at Rock Island, Ill., May, 1900.

|                        |                                                                                               |
|------------------------|-----------------------------------------------------------------------------------------------|
| <i>Chairman</i> —      | William R. Benkert, Davenport, Ia.                                                            |
| <i>Vice-Chairman</i> — | Dr. J. E. Asay, Rock Island, Ill.                                                             |
| <i>Secretary</i> —     | Rev. Wallace R. Struble, The Temple, Chicago, Ill.                                            |
| <i>Treasurer</i> —     | A. D. Martin, Rock Island, Ill.                                                               |
| <i>Members</i> —       | Rev. J. M. Wylie, Evans, Col.; D. H. Martin, Pittsburgh, Pa.; C. W. Pattee, Bunker Hill, Ind. |

## Socialist Labor National Committee.

Henry Kuhn, National Secretary, 2-6 New Reade Street, New York City. The National Executive Committee is composed of: Julius Hammer, Recording Secretary; Eber Forbes, Treasurer; and John J. Kinneally, Adolph Klein, August Gillhaus, Rudolph Katz.

The party is organized in local organizations known as "sections," such sections existing in thirty-two States. Any ten persons in any city or town of the United States may form a section, providing they acknowledge the platform and constitution of the Socialist Labor party and do not belong to any other political party. In places where no section exists, or where none can be formed, any person complying with the aforesaid provisions may become a member-at-large upon application to the National Executive Committee. Sections are not permitted to charge initiation fees. All questions of importance arising within the party are decided by general vote. At each meeting of the section a chairman is elected, and the same rule holds good with all standing committees.

## Socialist Party National Committee.

Leon Greenbaum, National Secretary, rooms 426-427 Emille Building, St. Louis, Mo. This organization, which in the last Presidential canvass bore the name of the Social Democratic party, changed it subsequently to the Socialist party. In several States, however, the old name is still used to conform to the election laws in reference to filing nominations. The National Committee is composed of one representative from each organized State, of which there are twenty-five at this time.

## National Association of Democratic Clubs.

President—William R. Hearst, New York. Secretary—Max F. Ihmsen, 1370 Broadway, New York.

## National Republican League of the United States.

THE National Republican League of the United States was organized in Chickering Hall, New York City, December 15-17, 1887, by delegates from about 350 Republican clubs of the United States, assembled in national convention, pursuant to a call issued by the Republican Club of New York City. It is composed of the Republican clubs of the United States, organized by States and united in a national organization. Its purpose is "Organization and Education." It aims to enlist recruits for the Republican party, particularly the younger men and the "first voters." National conventions have since been held at Baltimore, 1899; Nashville, 1890; Cincinnati, 1891; Buffalo, 1892; Louisville, 1893; Denver, 1894; Cleveland, 1895; Milwaukee, 1896; Detroit, 1897; Omaha, 1898 (biennial sessions afterward); St. Paul, 1900; Chicago, 1902. Officers—President, J. Hampton Moore, Philadelphia; Vice-President, James J. Sheridan, Chicago; Secretary, Elbert W. Weeks, Guthrie Centre, Ia.; Treasurer, Sid. B. Redding, Little Rock, Ark. Headquarters—227 South Broad Street, Philadelphia.

## The Presidential Election of 1904.

THE next Presidential election will take place on Tuesday, November 8, 1904.

The President and Vice-President of the United States are chosen by officials termed "Electors" in each State, who are, under existing State laws, chosen by the qualified voters thereof by ballot, on the first Tuesday after the first Monday of November in every fourth year preceding the year in which the Presidential term expires.

The Constitution of the United States prescribes that each State shall "appoint," in such manner as the Legislature thereof may direct, a number of electors equal to the whole number of Senators and Representatives to which the State may be entitled in Congress; but no Senator or Representative or person holding an office of trust or profit under the United States shall be an elector. The Constitution requires that the day when electors are chosen shall be the same throughout the United States. At the beginning of our Government most of the electors were chosen by the Legislatures of their respective States, the people having no direct participation in their choice; and one State, South Carolina, continued that practice down to the breaking out of the Civil War. But in all the States now the electors are, under the direction of State laws, chosen by the people on a general State ticket.

The manner in which the chosen electors meet and ballot for a President and Vice-President of the United States is provided for in Article XII. of the Constitution, and is as follows:

The electors shall meet in their respective States, and vote by ballot for President and Vice-President, one of whom, at least, shall not be an inhabitant of the same State with themselves; they shall name in their ballots the person voted for as President, and in distinct ballots the person voted for as Vice-President; and they shall make distinct lists of all persons voted for as President, and of all persons voted for as Vice-President, and of the number of votes for each, which lists they shall sign and certify, and transmit, sealed, to the seat of government of the United States, directed to the President of the Senate.

The same article then prescribes the mode in which the Congress shall count the ballots of the electors, and announce the result thereof, which is as follows:

The President of the Senate shall, in the presence of the Senate and House of Representatives, open all the certificates, and the votes shall then be counted; the person having the greatest number of votes for President shall be President, if such number be a majority of the whole number of electors appointed; and if no person have such majority, then from the persons having the highest numbers, not exceeding three, on the list of those voted for as President, the House of Representatives shall choose immediately, by ballot, the President. But in choosing the President the votes shall be taken by States, the representation from each State having one vote; a quorum for this purpose shall consist of a member or members from two-thirds of the States, and a majority of all the States shall be necessary to a choice. And if the House of Representatives shall not choose a President, whenever the right of choice shall devolve upon them, before the fourth day of March next following, then the Vice-President shall act as President, as in the case of the death or other constitutional disability of the President. The person having the great at number of votes as Vice-President shall be the Vice-President, if such number be a majority of the whole number of electors appointed; and if no person have a majority, then from the two highest numbers on the list the Senate shall choose the Vice-President; a quorum for the purpose shall consist of two-thirds of the whole number of Senators, and a majority of the whole number shall be necessary to a choice.

The procedure of the two houses, in case the returns of the election of electors from any State are disputed, is provided in the "Electoral Count" act, passed by the Forty-ninth Congress. The act directs that the Presidential electors shall meet and give their votes on the second Monday in January next following their election. It fixes the time when Congress shall be in session to count the ballots as the second Wednesday in February succeeding the meeting of the electors.

The Constitution also defines who is eligible for President of the United States, as follows:

No person except a natural-born citizen or a citizen of the United States at the time of the adoption of this Constitution shall be eligible to the office of President; neither shall any person be eligible to that office who shall not have attained to the age of thirty-five years.

The qualifications for Vice-President are the same.

Presidential Elections

FROM 1789 TO 1900.

AGGREGATE POPULAR VOTE AND ELECTORAL VOTE FOR CANDIDATES FOR PRESIDENT AND VICE-PRESIDENT AT EACH ELECTION.

NOTE.—There is, properly speaking, no popular vote for President and Vice-President; the people vote for electors, and those chosen in each State meet therein and vote for the candidates for President and Vice-President. The record of any popular vote for electors prior to 1824 is so meagre and imperfect that a compilation would be useless. In most of the States, for more than a quarter century following the establishment of the Government, the State Legislatures "appointed" the Presidential electors, and the people therefore voted only indirectly for them, their choice being expressed by their votes for members of the Legislature. In this tabulation only the aggregate electoral votes for candidates for President and Vice-President in the first nine quadrennial elections appear.

ELECTORAL VOTES.

1789. Previous to 1804, each elector voted for two candidates for President. The one who received the largest number of votes was declared President, and the one who received the next largest number of votes was declared Vice-President. The electoral votes for the first President of the United States were: George Washington, 69; John Adams, of Massachusetts, 34; John Jay, of New York, 9; R. H. Harrison, of Maryland, 6; John Rutledge, of South Carolina, 6; John Hancock, of Massachusetts, 4; George Clinton, of New York, 3; Samuel Huntington, of Connecticut, 2; John Milton, of Georgia, 2; James Armstrong, of Georgia; Benjamin Lincoln, of Massachusetts, and Edward Telfair, of Georgia, 1 vote each. Vacancies (votes not cast), 4. George Washington was chosen President and John Adams Vice-President.

1792. George Washington, Federalist, received 132 votes; John Adams, Federalist, 77; George Clinton, of New York, Republican (a), 50; Thomas Jefferson, of Virginia, Republican, 4; Aaron Burr, of New York, Republican, 1 vote. Vacancies, 3. George Washington was chosen President and John Adams Vice-President.

1796. John Adams, Federalist, 71; Thomas Jefferson, Republican, 68; Thomas Pinckney, of South Carolina, Federalist, 59; Aaron Burr, of New York, Republican, 30; Samuel Adams, of Massachusetts, Republican, 15; Oliver Ellsworth, of Connecticut, Independent, 11; George Clinton, of New York, Republican, 7; John Jay, of New York, Federalist, 5; James Iredell, of North Carolina, Federalist, 3; George Washington, of Virginia; John Henry, of Maryland, and S. Johnson, of North Carolina, all Federalists, 2 votes each; Charles Cotesworth Pinckney of South Carolina, Federalist, 1 vote. John Adams was chosen President and Thomas Jefferson Vice-President.

1800. Thomas Jefferson, Republican, 73; Aaron Burr, Republican, 73; John Adams, Federalist, 65; Charles C. Pinckney, Federalist, 64; John Jay, Federalist, 1 vote. There being a tie vote for Jefferson and Burr, the choice devolved upon the House of Representatives. Jefferson received the votes of ten States, which, being the largest vote cast for a candidate, elected him President. Burr received the votes of four States, which, being the next largest vote, elected him Vice-President. There were 2 blank votes.

1804. The Constitution of the United States having been amended, the electors at this election voted for a President and a Vice-President, instead of for two candidates for President. The result was as follows: For President, Thomas Jefferson, Republican, 162; Charles C. Pinckney, Federalist, 14. For Vice-President, George Clinton, Republican, 162; Rufus King, of New York, Federalist, 14. Jefferson was chosen President and Clinton Vice-President.

1808. For President, James Madison, of Virginia, Republican, 122; Charles C. Pinckney, of South Carolina, Federalist, 47; George Clinton, of New York, Republican, 6. For Vice-President, George Clinton, Republican, 113; Rufus King, of New York, Federalist, 47; John Langdon, of New Hampshire, 9; James Madison, 3; James Monroe, 3. Vacancy, 1. Madison was chosen President and Clinton Vice-President.

1812. For President, James Madison, Republican, 128; De Witt Clinton, of New York, Federalist, 89. For Vice-President, Elbridge Gerry, of Massachusetts, 131; Jared Ingersoll, of Pennsylvania, Federalist, 86. Vacancy, 1. Madison was chosen President and Gerry Vice-President.

1816. For President, James Monroe, of Virginia, Republican, 183; Rufus King, of New York, Federalist, 34. For Vice-President, Daniel D. Tompkins, of New York, Republican, 183; John Edgar Howard, of Maryland, Federalist, 22; James Ross, of Pennsylvania, 5; John Marshall, of Virginia, 4; Robert G. Harper, of Maryland, 3. Vacancies, 4. Monroe was chosen President and Tompkins Vice-President.

1820. For President, James Monroe, of Virginia, Republican, 231; John Q. Adams, of Massachusetts, Republican, 1. For Vice-President, Daniel D. Tompkins, Republican, 218; Richard Stockton, of New Jersey, 8; Daniel Rodney, of Delaware, 4; Robert G. Harper, of Maryland, and Richard Rush, of Pennsylvania, 1 vote each. Vacancies, 3. James Monroe was chosen President and Daniel D. Tompkins Vice-President.

ELECTORAL AND POPULAR VOTES.

| Year of Election. | Candidates for President. | States. | Political Party. | Popular Vote. | Plurality. | Electoral Vote. | Candidates for Vice-President. | States. | Political Party. | Electoral Vote. |
|-------------------|---------------------------|---------|------------------|---------------|------------|-----------------|--------------------------------|---------|------------------|-----------------|
| 1824              | Andrew Jackson            | Tenn.   | Rep.             | 155,872       | 50,551     | (b) 99          | John C. Calhoun*               | S. C.   | Rep.             | 152             |
|                   | John Q. Adams             | Mass.   | Rep.             | 105,321       | .....      | 84              | Nathan Sanford                 | N. Y.   | Rep.             | 30              |
|                   | Henry Clay                | Ky      | Rep.             | 46,587        | .....      | 37              | Nathaniel Macon                | N. C.   | Rep.             | 24              |
|                   | Wm. H. Crawford           | .....   | Rep.             | 44,282        | .....      | 41              | Andrew Jackson                 | Tenn.   | Rep.             | 13              |
|                   |                           |         |                  |               |            | M. Van Buren    | N. Y.                          | Rep.    | 9                |                 |
|                   |                           |         |                  |               |            | Henry Clay      | Ky                             | Rep.    | 2                |                 |
| 1828              | Andrew Jackson*           | Tenn.   | Dem.             | 647,231       | 138,134    | 175             | John C. Calhoun*               | S. C.   | Dem.             | 171             |
|                   | John Q. Adams             | Mass.   | Nat. R.          | 509,497       | .....      | 83              | Richard Rush                   | Pa      | Nat. R.          | 83              |
|                   |                           |         |                  |               |            |                 | William Smith                  | S. C.   | Dem.             | 7               |
| 1832              | Andrew Jackson*           | Tenn.   | Dem.             | 687,502       | 167,313    | 219             | M. Van Buren*                  | N. Y.   | Dem.             | 159             |
|                   | Henry Clay                | Ky.     | Nat. R.          | 520,189       | .....      | 49              | John Sergeant                  | Pa      | Nat. R.          | 49              |
|                   | John Floyd                | Ga      | Ind.             | .....         | .....      | 11              | Henry Lee                      | Mass    | Ind.             | 11              |
|                   | William Wirt (c)          | Md.     | Anti-M           | 33,108        | .....      | 7               | Amos Ellmaker (c)              | Pa      | Anti-M           | 7               |
|                   |                           |         |                  |               |            | Wm. Wilkins     | Pa                             | Dem.    | 30               |                 |
| 1836              | Martin Van Buren*         | N. Y.   | Dem.             | 761,549       | 24,893     | 170             | R. M. Johnson (d)*             | Ky      | Dem.             | 147             |
|                   | W. H. Harrison            | O.      | Whig.            | .....         | .....      | 73              | Francis Granger                | N. Y.   | Whig.            | 77              |
|                   | Hugh L. White             | Tenn.   | Whig.            | 736,656       | .....      | 26              | John Tyler                     | Va.     | Whig.            | 47              |
|                   | Daniel Webster            | Mass.   | Whig.            | .....         | .....      | 14              | William Smith                  | Ala     | Dem.             | 23              |
|                   | Willie P. Mangum          | N. C.   | Whig.            | .....         | .....      | 11              |                                |         |                  |                 |
| 1840              | W. H. Harrison*           | O.      | Whig.            | 1,275,017     | 146,315    | 234             | John Tyler*                    | Va.     | Whig.            | 234             |
|                   | Martin Van Buren          | N. Y.   | Dem.             | 1,128,702     | .....      | 60              | R. M. Johnson                  | Ky      | Dem.             | 48              |
|                   | James G. Birney           | N. Y.   | Lib.             | 7,059         | .....      | .....           | L. W. Tazewell                 | Va.     | Dem.             | 11              |
|                   |                           |         |                  |               |            |                 | James K. Polk                  | Tenn.   | Dem.             | 1               |
|                   |                           |         |                  |               |            | Thomas Earle    | Pa                             | Lib.    | .....            |                 |
| 1844              | James K. Polk*            | Tenn.   | Dem.             | 1,337,243     | 84,175     | 170             | George M. Dallas*              | Pa      | Dem.             | 170             |
|                   | Henry Clay                | Ky      | Whig.            | 1,299,068     | .....      | 105             | T. Frelinghuysen               | N. J.   | Whig.            | 105             |
|                   | James G. Birney           | N. Y.   | Lib.             | 62,300        | .....      | .....           | Thomas Morris                  | O.      | Lib.             | .....           |

PRESIDENTIAL ELECTIONS—Continued.

| Year of Election. | Candidates for President | States. | Political Party. | Popular Vote. | Plurality. | Electoral Vote.  | Candidates for Vice-President. | States. | Political Party. | Electoral Vote. |
|-------------------|--------------------------|---------|------------------|---------------|------------|------------------|--------------------------------|---------|------------------|-----------------|
| 1848              | Zachary Taylor*          | La      | Whig             | 1,360,101     | 139,557    | 163              | Millard Fillmore*              | N. Y.   | Whig             | 163             |
|                   | Lewis Cass.              | Mich.   | Dem.             | 1,220,544     | .....      | 127              | William O. Butler.             | Ky.     | Dem.             | 127             |
|                   | Martin Van Buren.        | N. Y.   | F. Soil.         | 291,263       | .....      | 15               | Charles F. Adams.              | Mass.   | F. Soil.         | 15              |
| 1852              | Franklin Pierce*         | N. H.   | Dem.             | 1,601,474     | 220,896    | 92               | William R. King*               | Ala.    | Dem.             | 254             |
|                   | Winfield Scott.          | N. J.   | Whig             | 1,380,576     | .....      | 44               | William A. Graham.             | N. C.   | Whig             | 44              |
|                   | John P. Hale.            | N. H.   | F. D. (I)        | 156,149       | .....      | ..               | George W. Julian.              | Iud.    | F. D.            | ..              |
|                   | Daniel Webster (k).      | Mass.   | Whig.            | 1,670         | .....      | ..               | .....                          | .....   | .....            | ..              |
| 1856              | James Buchanan*          | Pa.     | Dem.             | 1,838,169     | 496,905    | 174              | J. C. Breckinridge*            | Ky.     | Dem.             | 174             |
|                   | John C. Fremont.         | Cal.    | Rep.             | 1,341,264     | .....      | 114              | William L. Dayton.             | N. J.   | Rep.             | 114             |
|                   | Millard Fillmore.        | N. Y.   | Amer.            | 874,538       | .....      | 8                | A. J. Donelson.                | Tenn.   | Amer.            | 8               |
| 1860              | Abraham Lincoln*         | Ill.    | Rep.             | 1,866,352     | 491,195    | 180              | Hannibal Hamlin*               | Me.     | Rep.             | 180             |
|                   | Stephen A. Douglas.      | Ill.    | Dem.             | 1,375,157     | .....      | 12               | H. V. Johnson.                 | Ga.     | Dem.             | 12              |
|                   | J. C. Breckinridge.      | Ky.     | Union.           | 845,763       | .....      | 79               | Joseph Lane.                   | Ore.    | Dem.             | 79              |
|                   | John Bell.               | Tenn.   | Union.           | 589,581       | .....      | 39               | Edward Everett.                | Mass.   | Union.           | 39              |
|                   | .....                    | .....   | .....            | .....         | .....      | e 219            | Andrew Johnson*                | Tenn.   | Rep.             | 219             |
| 1864              | Abraham Lincoln*         | Ill.    | Rep.             | 2,216,067     | 407,342    | 21               | George H. Pendleton.           | O.      | Dem.             | 21              |
|                   | George B. McClellan.     | N. J.   | Dem.             | 1,908,725     | .....      | 21               | Schuyler Colfax*               | Ind.    | Rep.             | 21              |
| 1868              | Ulysses S. Grant*        | Ill.    | Rep.             | 3,015,071     | 305,456    | f 214            | F. P. Blair, Jr.               | Mo.     | Dem.             | 80              |
|                   | Horatio Seymour.         | N. Y.   | Dem.             | 2,709,615     | .....      | 80               | .....                          | .....   | .....            | 80              |
| 1872              | Ulysses S. Grant*        | Ill.    | Rep.             | 3,597,070     | 762,991    | 286              | Henry Wilson*                  | Mass.   | Rep.             | 286             |
|                   | Horace Greeley.          | N. Y.   | D. & L.          | 2,534,079     | .....      | g ..             | B. Gratz Brown.                | Mo.     | D. & L.          | 47              |
|                   | Charles O'Connor.        | N. Y.   | Dem.             | 29,408        | .....      | ..               | John Q. Adams.                 | Mass.   | Dem.             | ..              |
|                   | James Black.             | Pa.     | Temp.            | 5,608         | .....      | ..               | John Russell.                  | Mich.   | Temp.            | ..              |
|                   | Thomas A. Hendricks.     | Ind.    | Dem.             | .....         | .....      | 49               | George W. Julian.              | Ind.    | Lib.             | 5               |
|                   | B. Gratz Brown.          | Mo.     | Dem.             | .....         | .....      | 18               | A. H. Colquitt.                | Ga.     | Dem.             | 5               |
|                   | Charles J. Jenkins.      | Mo.     | Dem.             | .....         | .....      | 2                | John M. Palmer.                | Ill.    | Dem.             | 3               |
|                   | David Davis.             | Ill.    | Ind.             | .....         | .....      | 1                | T. E. Branlette.               | Ky.     | Dem.             | 3               |
| .....             | .....                    | .....   | .....            | .....         | 1          | W. S. Groesbeck. | O.                             | Dem.    | 1                |                 |
| 1876              | Samuel J. Tilden.        | N. Y.   | Dem.             | 4,284,885     | 250,935    | 184              | T. A. Hendricks*               | Ind.    | Dem.             | 184             |
|                   | Rutherford B. Hayes*     | O.      | Rep.             | 4,033,950     | .....      | h 185            | William A. Wheeler*.           | N. Y.   | Rep.             | 185             |
|                   | Peter Cooper.            | N. Y.   | Gre'n'b          | 81,740        | .....      | ..               | Samuel F. Cary.                | O.      | Gre'n'b          | ..              |
|                   | Green Clay Smith.        | Ky.     | Pro.             | 9,522         | .....      | ..               | Gideon T. Stewart.             | O.      | Pro.             | ..              |
|                   | James B. Walker.         | Ill.    | Amer.            | 2,636         | .....      | ..               | D. Kirkpatrick.                | N. Y.   | Amer.            | ..              |
|                   | James A. Garfield*       | O.      | Rep.             | 4,449,053     | 7,018      | 214              | Chester A. Arthur*             | N. Y.   | Rep.             | 214             |
|                   | W. S. Hancock.           | Pa.     | Dem.             | 4,442,085     | .....      | 155              | William H. English.            | Ind.    | Dem.             | 155             |
| James B. Weaver.  | Iowa.                    | Gre'n'b | 307,306          | .....         | ..         | B. J. Chambers.  | Tex.                           | Gre'n'b | ..               |                 |
| Neal Dow.         | Me.                      | Pro.    | 10,305           | .....         | ..         | H. A. Thompson.  | O.                             | Pro.    | ..               |                 |
| John W. Phelps.   | Vt.                      | Amer.   | 707              | .....         | ..         | S. C. Pomeroy.   | Kan.                           | Amer.   | ..               |                 |
| 1884              | Grover Cleveland*.       | N. Y.   | Dem.             | 4,911,017     | 62,683     | 219              | T. A. Hendricks*               | Ind.    | Dem.             | 219             |
|                   | James G. Blaine.         | Me.     | Rep.             | 4,848,334     | .....      | 182              | John A. Logan.                 | Ill.    | Rep.             | 182             |
|                   | John P. St. John.        | Kan.    | Pro.             | 151,809       | .....      | ..               | William Daniel.                | Md.     | Pro.             | ..              |
|                   | Benjamin F. Butler.      | Mass.   | Peop.            | 133,825       | .....      | ..               | A. M. West.                    | Miss.   | Peop.            | ..              |
|                   | P. D. Wigginton.         | Cal.    | Amer.            | .....         | .....      | ..               | .....                          | .....   | .....            | ..              |
| 1888              | Grover Cleveland.        | N. Y.   | Dem.             | 5,538,233     | 98,017     | 168              | Allen G. Thurman.              | O.      | Dem.             | 168             |
|                   | Benjamin Harrison*       | Ind.    | Rep.             | 5,440,216     | .....      | 233              | Levi P. Morton*.               | N. Y.   | Rep.             | 233             |
|                   | Clinton B. Fisk.         | N. J.   | Pro.             | 249,907       | .....      | ..               | John A. Brooks.                | Mo.     | Pro.             | ..              |
|                   | Alson J. Streeter.       | Ill.    | U. L.            | 148,105       | .....      | ..               | C. C. Cunningham.              | Ark.    | U. L.            | ..              |
|                   | R. H. Cowdry.            | Ill.    | U'd L.           | 2,808         | .....      | ..               | W. H. T. Wakefield.            | Kan.    | U'd L.           | ..              |
|                   | James L. Curtis.         | N. Y.   | Amer.            | 1,591         | .....      | ..               | James B. Greer.                | Tenn.   | Amer.            | ..              |
|                   | .....                    | .....   | .....            | .....         | .....      | ..               | .....                          | .....   | .....            | ..              |
| 1892              | Grover Cleveland*.       | N. Y.   | Dem.             | 5,556,918     | 380,810    | 275              | Adlai E. Stevenson*.           | Ill.    | Dem.             | 275             |
|                   | Benjamin Harrison.       | Ind.    | Rep.             | 5,176,108     | .....      | 145              | Whitlaw Reid.                  | N. Y.   | Rep.             | 145             |
|                   | James B. Weaver.         | Iowa.   | Pro.             | 1,041,028     | .....      | 29               | James G. Field.                | Va.     | Peop.            | 29              |
|                   | John Bidwell.            | Cal.    | Peop.            | 264,133       | .....      | ..               | James B. Cranfill.             | Tex.    | Pro.             | ..              |
|                   | Simon Wing.              | Mass.   | Soc. L.          | 21,164        | .....      | ..               | Charles H. Matchett.           | N. Y.   | Soc. L.          | ..              |
|                   | .....                    | .....   | .....            | .....         | .....      | ..               | .....                          | .....   | .....            | ..              |
| 1896              | William McKinley*.       | O.      | Rep.             | 7,104,779     | 601,854    | 271              | Garret A. Hobart*.             | N. J.   | Rep.             | 271             |
|                   | William J. Bryan.        | Nebr.   | Dem.             | 6,502,925     | .....      | 176              | Arthur Sewall.                 | Me.     | Dem.             | 176             |
|                   | William J. Bryan.        | Nebr.   | Peop.            | .....         | .....      | ..               | Thomas E. Watson.              | Ga.     | Peop.            | ..              |
|                   | Joshua Levering.         | Md.     | Pro.             | 132,007       | .....      | ..               | Hale Johnson.                  | Ill.    | Pro.             | ..              |
|                   | John M. Palmer.          | Ill.    | N. Dem.          | 133,143       | .....      | ..               | Simon B. Buckner.              | Ky.     | N. Dem.          | ..              |
|                   | Charles H. Matchett.     | N. Y.   | Soc. L.          | 36,274        | .....      | ..               | Matthew Maguire.               | N. J.   | Soc. L.          | ..              |
|                   | Charles E. Bentley.      | Nebr.   | Nat. (j)         | 13,979        | .....      | ..               | James H. Southgate.            | N. C.   | Nat. (j)         | ..              |
| .....             | .....                    | .....   | .....            | .....         | ..         | .....            | .....                          | .....   | ..               |                 |
| 1900              | William McKinley*.       | O.      | Rep.             | 7,207,923     | 849,790    | 292              | Theodore Roosevelt*.           | N. Y.   | Rep.             | 292             |
|                   | William J. Bryan.        | Nebr.   | Dem. P.          | 6,258,133     | .....      | 155              | Adlai E. Stevenson.            | Ill.    | Dem. P.          | 155             |
|                   | John G. Woolley.         | Ill.    | Pro.             | 208,914       | .....      | ..               | Henry B. Metcalf.              | O.      | Pro.             | ..              |
|                   | Wharton Barker.          | Pa.     | MP(m)            | 50,373        | .....      | ..               | Ignatius Donnelly.             | Minn.   | MP(n)            | ..              |
|                   | Eugene V. Debs.          | Ind.    | Soc. L.          | 87,814        | .....      | ..               | Job Harrison.                  | Cal.    | Soc. D.          | ..              |
|                   | Jos. F. Malloney.        | Mass.   | Soc. L.          | 39,739        | .....      | ..               | Valentine Romley.              | Pa.     | Soc. L.          | ..              |
|                   | J. F. R. Leonard.        | Ia.     | U. C. (n)        | 1,059         | .....      | ..               | John G. Woomley.               | Ill.    | U. C. (n)        | ..              |
|                   | Seth H. Ellis.           | O.      | UR (o)           | 5,698         | .....      | ..               | Samuel T. Nicholas.            | Pa.     | UR (o)           | ..              |
|                   | .....                    | .....   | .....            | .....         | .....      | ..               | .....                          | .....   | .....            | ..              |
|                   | .....                    | .....   | .....            | .....         | .....      | ..               | .....                          | .....   | .....            | ..              |

\* The candidates starred were elected. (a) The first Republican Party is claimed by the present Democratic Party as its progenitor. (b) No candidate having a majority of the electoral vote, the House of Representatives elected Adams. (c) Candidate of the Anti-Masonic Party. (d) There being no choice, the Senate elected Johnson. (e) Eleven Southern States, being within the belligerent territory, did not vote. (f) Three Southern States disfranchised. (g) Horace Greeley died after election, and Democratic electors scattered their vote. (h) There being a dispute over the electoral vote of Florida, Louisiana, Oregon, and South Carolina, they were referred by Congress to an electoral commission composed of eight Republicans and seven Democrats, which by a strict party vote, awarded 15 electoral votes to Hayes and 184 to Tilden. (i) Free Democrat. (j) Free Silver Prohibition Party. (k) In Massachusetts. There was also a Native American ticket in that State, which received 184 votes. (m) Middle of the Road or Anti-Fusion People's Party. (n) United Christian Party. (o) Union Reform Party.

Presidents of the United States.

| NAME.                  | Birthplace.            | Year. | Paternal Ancestry. | Residence. | Inaugurated. |      | Politics. | Place of Death.       | Year. | Age. |
|------------------------|------------------------|-------|--------------------|------------|--------------|------|-----------|-----------------------|-------|------|
|                        |                        |       |                    |            | Year.        | Age. |           |                       |       |      |
| 1 George Washington    | Westmoreland Co., Va.  | 1732  | English            | Va.        | 1789         | 57   | Fed...    | Mt. Vernon, Va.       | 1799  | 67   |
| 2 John Adams           | Quincy, Mass.          | 1735  | English            | Mass.      | 1797         | 62   | Fed...    | Quincy, Mass.         | 1826  | 90   |
| 3 Thomas Jefferson     | Shadwell, Va.          | 1743  | W. Isl.            | Va.        | 1801         | 58   | Rep.†     | Monticello, Va.       | 1826  | 83   |
| 4 James Madison        | Port Conway, Va.       | 1751  | English            | Va.        | 1809         | 58   | Rep...    | Montpelier, Va.       | 1836  | 85   |
| 5 James Monroe         | Westmoreland Co., Va.  | 1758  | Scotch             | Va.        | 1817         | 59   | Rep...    | New York City.        | 1831  | 73   |
| 6 John Quincy Adams    | Quincy, Mass.          | 1767  | English            | Mass.      | 1825         | 58   | Rep.†     | Washington, D. C.     | 1848  | 80   |
| 7 Andrew Jackson       | Union Co., N. C.*      | 1767  | Scotch-Irish       | Tenn.      | 1829         | 62   | Dem.      | Hermitage, Tenn.      | 1845  | 78   |
| 8 Martin Van Buren     | Kinderhook, N. Y.      | 1782  | Dutch.             | N. Y.      | 1837         | 55   | Dem.      | Lindenvold, N. Y.     | 1862  | 79   |
| 9 William H. Harrison  | Berkeley, Va.          | 1773  | English            | O.         | 1841         | 68   | Whig.     | Washington, D. C.     | 1841  | 68   |
| 10 John Tyler          | Greenway, Va.          | 1790  | English            | Va.        | 1841         | 51   | Dem.      | Richmond, Va.         | 1862  | 72   |
| 11 James K. Polk       | Mecklenburg Co., N. C. | 1795  | Scotch-Irish       | Tenn.      | 1845         | 50   | Dem.      | Nashville, Tenn.      | 1849  | 53   |
| 12 Zachary Taylor      | Orange Co., Va.        | 1784  | English            | La.        | 1849         | 65   | Whig.     | Washington, D. C.     | 1850  | 65   |
| 13 Millard Fillmore    | Sumnerhill, N. Y.      | 1800  | English            | N. Y.      | 1850         | 50   | Whig.     | Buffalo, N. Y.        | 1874  | 74   |
| 14 Franklin Pierce     | Hillsboro, N. H.       | 1804  | English            | N. H.      | 1853         | 49   | Dem.      | Concord, N. H.        | 1869  | 64   |
| 15 James Buchanan      | Cove Gap, Pa.          | 1791  | Scotch-Irish       | Pa.        | 1857         | 66   | Dem.      | Wheatland, Pa.        | 1868  | 77   |
| 16 Abraham Lincoln     | Larue Co., Ky.         | 1809  | English            | Ill.       | 1861         | 52   | Rep...    | Washington, D. C.     | 1865  | 56   |
| 17 Andrew Johnson      | Raleigh, N. C.         | 1808  | English            | Tenn.      | 1865         | 57   | Rep...    | Carter's Depot, Tenn. | 1875  | 66   |
| 18 Ulysses S. Grant    | Point Pleasant, O.     | 1822  | Scotch             | D. C.      | 1869         | 47   | Rep...    | Mt. McGregor, N. Y.   | 1885  | 63   |
| 19 Rutherford B. Hayes | Delaware, O.           | 1822  | Scotch             | O.         | 1877         | 54   | Rep...    | Fremont, O.           | 1893  | 70   |
| 20 James A. Garfield   | Cuyahoga Co., O.       | 1831  | English            | O.         | 1881         | 49   | Rep...    | Long Branch, N. J.    | 1881  | 49   |
| 21 Chester A. Arthur   | Fairfield, Vt.         | 1830  | Scotch-Irish       | N. Y.      | 1881         | 51   | Rep...    | New York City.        | 1886  | 56   |
| 22 Grover Cleveland    | Caldwell, N. J.        | 1837  | English            | N. Y.      | 1885         | 48   | Dem.      | ...                   | ...   | ...  |
| 23 Benjamin Harrison   | North Bend, O.         | 1833  | English            | Ind.       | 1889         | 55   | Rep...    | Indianapolis, Ind.    | 1901  | 67   |
| 24 Grover Cleveland    | Caldwell, N. J.        | 1837  | English            | N. Y.      | 1893         | 56   | Dem.      | ...                   | ...   | ...  |
| 25 William McKinley    | Niles, O.              | 1843  | Scotch-Irish       | O.         | 1897         | 54   | Rep...    | Buffalo, N. Y.        | 1901  | 58   |
| 26 Theodore Roosevelt  | New York City.         | 1858  | Dutch.             | N. Y.      | 1901         | 43   | Rep...    | ...                   | ...   | ...  |

\* Jackson called himself a South Carolinian and his biographer, Kendall, recorded his birthplace in Lancaster County, S. C., but Parton has published documentary evidence to show that Jackson was born in Union County, N. C., less than a quarter mile from the South Carolina line. † The Democratic party of to-day claims lineal descent from the first Republican party and President Jefferson as its founder. ‡ Political parties were disorganized at the time of the election of John Quincy Adams. He claimed to be a Republican, but his doctrines were decidedly Federalistic. The opposition to his Administration took the name of Democrats and elected Jackson President.

More details of the lives of the Presidents were given in THE WORLD ALMANAC for 1902, pages 118 and 119.

The Presidential Succession.

THE Presidential succession is fixed by chapter 4 of the acts of the Forty-ninth Congress, first session. In case of the removal, death, resignation, or inability of both the President and Vice-President, then the Secretary of State shall act as President until the disability of the President or Vice-President is removed or a President is elected. If there be no Secretary of State, then the Secretary of the Treasury will act; and the remainder of the order of succession is as follows: The Secretary of War, Attorney-General, Postmaster-General, Secretary of the Navy, and the Secretary of the Interior. The acting President must, upon taking office, convene Congress, if not at the time in session, in extraordinary session, giving twenty days' notice. This act applies only to such Cabinet officers as shall have been appointed by the advice and consent of the Senate, and are eligible under the Constitution to the Presidency.

Justices of the United States Supreme Court.

(Names of the Chief Justices in italics.)

| NAME.                        | SERVICE.  |        |       |       | NAME.                            | SERVICE.   |        |       |       |
|------------------------------|-----------|--------|-------|-------|----------------------------------|------------|--------|-------|-------|
|                              | Term.     | Years. | Born. | Died. |                                  | Term.      | Years. | Born. | Died. |
| <i>John Jay</i> , N. Y.      | 1789-1795 | 6      | 1745  | 1829  | Samuel Nelson, N. Y.             | 1845-1872  | 27     | 1792  | 1873  |
| John Rutledge, S. C.         | 1789-1791 | 2      | 1739  | 1800  | Levi Woodbury, N. H.             | 1845-1851  | 6      | 1789  | 1851  |
| William Cushing, Mass.       | 1789-1810 | 21     | 1733  | 1810  | Robert C. Grier, Pa.             | 1846-1870  | 23     | 1794  | 1870  |
| James Wilson, Pa.            | 1789-1798 | 9      | 1742  | 1798  | Benj. R. Curtis, Mass.           | 1851-1857  | 6      | 1809  | 1874  |
| John Blair, Va.              | 1789-1796 | 7      | 1732  | 1800  | John A. Campbell, Ala.           | 1853-1861  | 8      | 1811  | 1889  |
| Robert H. Harrison, Md.      | 1789-1799 | 9      | 1745  | 1799  | Nathan Clifford, Me.             | 1858-1881  | 23     | 1803  | 1881  |
| James Iredell, N. C.         | 1789-1799 | 9      | 1751  | 1799  | Noah H. Swayne, Ohio.            | 1861-1881  | 20     | 1804  | 1884  |
| Thomas Johnson, Md.          | 1791-1793 | 2      | 1732  | 1819  | Samuel F. Miller, Iowa.          | 1862-1877  | 15     | 1816  | 1886  |
| William Paterson, N. J.      | 1793-1806 | 13     | 1745  | 1806  | David Davis, Ill.                | 1863-1897  | 34     | 1816  | 1899  |
| <i>John Rutledge</i> , S. C. | 1795-1795 | 1      | 1739  | 1800  | Stephen J. Field, Cal.           | 1864-1873  | 9      | 1808  | 1873  |
| Samuel Chase, Md.            | 1796-1811 | 15     | 1741  | 1811  | <i>Salmon P. Chase</i> , Ohio.   | 1864-1873  | 9      | 1808  | 1873  |
| Oliver Ellsworth, Ct.        | 1796-1800 | 4      | 1745  | 1807  | William Strong, Pa.              | 1870-1880  | 10     | 1808  | 1895  |
| Bushrod Washington, Va.      | 1798-1829 | 31     | 1762  | 1829  | Joseph P. Bradley, N. J.         | 1870-1892  | 22     | 1813  | 1882  |
| Alfred Moore, N. C.          | 1799-1804 | 5      | 1755  | 1810  | Ward Hunt, N. Y.                 | 1872-1882  | 10     | 1811  | 1886  |
| <i>John Marshall</i> , Va.   | 1801-1835 | 34     | 1755  | 1835  | <i>Morrison R. Waite</i> , Ohio. | 1874-1888  | 14     | 1816  | 1888  |
| William Johnson, S. C.       | 1804-1834 | 30     | 1771  | 1834  | John M. Harlan, Ky.              | 1877-..... | .....  | 1833  | ..... |
| Brock Livingston, N. Y.      | 1806-1823 | 17     | 1757  | 1823  | William B. Woods, Ga.            | 1880-1887  | 7      | 1824  | 1887  |
| Thomas Todd, Ky.             | 1807-1826 | 19     | 1765  | 1826  | Stanley Matthews, Ohio.          | 1881-1889  | 8      | 1824  | 1889  |
| Joseph Story, Mass.          | 1811-1845 | 34     | 1779  | 1845  | Horace Gray, Mass.               | 1881-1902  | 21     | 1828  | 1902  |
| Gabriel Duval, Md.           | 1811-1836 | 25     | 1752  | 1844  | Samuel Blatchford, N. Y.         | 1882-1893  | 11     | 1820  | 1893  |
| Smith Thompson, N. Y.        | 1823-1843 | 20     | 1767  | 1843  | Lucius Q. Lamar, Miss.           | 1888-1893  | 5      | 1825  | 1893  |
| Robert Trimble, Ky.          | 1826-1828 | 2      | 1777  | 1828  | <i>Melville W. Fuller</i> , Ill. | 1888-..... | .....  | 1833  | ..... |
| John McLean, Ohio.           | 1829-1861 | 32     | 1785  | 1861  | David J. Brewer, Kan.            | 1889-..... | .....  | 1837  | ..... |
| Henry Baldwin, Pa.           | 1830-1844 | 14     | 1779  | 1844  | Henry B. Brown, Mich.            | 1890-..... | .....  | 1836  | ..... |
| James M. Wayne, Ga.          | 1835-1867 | 32     | 1790  | 1867  | George Shiras, Jr., Pa.          | 1892-..... | .....  | 1832  | ..... |
| <i>Roger B. Taney</i> , Md.  | 1836-1864 | 28     | 1777  | 1864  | Howell E. Jackson, Tenn.         | 1893-1895  | 2      | 1832  | 1895  |
| Philip P. Barbour, Va.       | 1836-1841 | 5      | 1783  | 1841  | Edward D. White, La.             | 1893-..... | .....  | 1845  | ..... |
| John Catron, Tenn.           | 1837-1865 | 28     | 1786  | 1865  | Rufus W. Peckham, N. Y.          | 1895-..... | .....  | 1837  | ..... |
| John McKinley, Ala.          | 1837-1852 | 15     | 1780  | 1852  | Joseph McKenna, Cal.             | 1898-..... | .....  | 1843  | ..... |
| Peter V. Daniel, Va.         | 1841-1860 | 19     | 1785  | 1860  | Oliver W. Holmes, Mass.          | 1902-..... | .....  | 1841  | ..... |



Vice-Presidents of the United States.

|    | NAME.                   | Birthplace.              | Year. | Paternal Ancestry. | Residence. | Qualification. | Politics. | Place of Death.          | Year. | Age at Death. |
|----|-------------------------|--------------------------|-------|--------------------|------------|----------------|-----------|--------------------------|-------|---------------|
| 1  | John Adams.....         | Quincy, Mass.....        | 1735  | English.....       | Mass.....  | 1789           | Fed.....  | Quincy, Mass.....        | 1826  | 90            |
| 2  | Thomas Jefferson.....   | Shadwell, Va.....        | 1743  | Welsh.....         | Va.....    | 1797           | Rep.....  | Monticello, Va.....      | 1826  | 83            |
| 3  | George Clinton.....     | Newark, N. J.....        | 1756  | English.....       | N. Y.....  | 1801           | Rep.....  | Staten Island, N. Y..... | 1836  | 80            |
| 4  | Elbridge Gerry.....     | Marblehead, Mass.....    | 1749  | English.....       | N. Y.....  | 1805           | Rep.....  | Washington, D. C.....    | 1812  | 73            |
| 5  | Daniel D. Tompkins..... | Searsdale, N. Y.....     | 1744  | English.....       | Mass.....  | 1813           | Rep.....  | Washington, D. C.....    | 1814  | 70            |
| 6  | John C. Calhoun.....    | Abbeville, S. C.....     | 1772  | English.....       | N. Y.....  | 1817           | Rep.....  | Staten Island, N. Y..... | 1825  | 51            |
| 7  | Martin Van Buren.....   | Kinderhook, N. Y.....    | 1782  | Dutch.....         | N. Y.....  | 1833           | Rep.....  | Washington, D. C.....    | 1850  | 68            |
| 8  | Richard M. Johnson..... | Louisville, Ky.....      | 1780  | English.....       | Ky.....    | 1837           | Dem.....  | Kinderhook, N. Y.....    | 1862  | 79            |
| 9  | John Tyler.....         | Greenway, Va.....        | 1790  | English.....       | Va.....    | 1841           | Dem.....  | Richmond, Va.....        | 1862  | 72            |
| 10 | George M. Dallas.....   | Philadelphia, Pa.....    | 1792  | English.....       | Pa.....    | 1845           | Dem.....  | Philadelphia, Pa.....    | 1864  | 72            |
| 12 | Millard Fillmore.....   | Summer Hill, N. Y.....   | 1800  | English.....       | N. Y.....  | 1849           | Whig..... | Buffalo, N. Y.....       | 1874  | 74            |
| 13 | William R. King.....    | Sampson Co., N. C.....   | 1786  | English.....       | Ala.....   | 1853           | Dem.....  | Dallas Co., Ala.....     | 1853  | 67            |
| 14 | Hannibal Hamlin.....    | Paris, Me.....           | 1821  | Scotch.....        | Ky.....    | 1867           | Dem.....  | Lexington, Ky.....       | 1875  | 54            |
| 15 | Andrew Johnson.....     | Raleigh, N. C.....       | 1808  | English.....       | Me.....    | 1861           | Rep.....  | Bangor, Me.....          | 1891  | 81            |
| 16 | Schuyler Colfax.....    | New York City, N. Y..... | 1823  | English.....       | Tenn.....  | 1865           | Rep.....  | Carter Co., Tenn.....    | 1875  | 66            |
| 17 | Henry Wilson.....       | Farmington, N. H.....    | 1812  | English.....       | Mass.....  | 1873           | Rep.....  | Hankato, Minn.....       | 1885  | 62            |
| 18 | William A. Wheeler..... | Malone, N. Y.....        | 1819  | English.....       | N. Y.....  | 1877           | Rep.....  | Washington, D. C.....    | 1875  | 63            |
| 19 | Chester A. Arthur.....  | Fairfield, Vt.....       | 1830  | Scotch-Irish.....  | N. Y.....  | 1881           | Rep.....  | Malone, N. Y.....        | 1886  | 56            |
| 20 | Adlai A. Hendricks..... | Muskingum Co., O.....    | 1819  | Scotch-Irish.....  | Ind.....   | 1885           | Dem.....  | Indianapolis, Ind.....   | 1885  | 66            |
| 22 | Levi P. Morton.....     | Shoreham, Vt.....        | 1824  | Scotch.....        | N. Y.....  | 1889           | Dem.....  | .....                    | ..... | .....         |
| 23 | Adlai E. Stevenson..... | Christian Co., Ky.....   | 1835  | Scotch-Irish.....  | Ill.....   | 1893           | Dem.....  | .....                    | ..... | .....         |
| 24 | Garret A. Hobart.....   | Long Branch, N. J.....   | 1844  | English.....       | N. J.....  | 1897           | Rep.....  | Paterson, N. J.....      | 1899  | 55            |
| 25 | Theodore Roosevelt..... | New York City, N. Y..... | 1858  | Dutch.....         | N. Y.....  | 1901           | Rep.....  | .....                    | ..... | .....         |

Presidents pro tempore of the United States Senate.

| Congress. | Years.    | Name.                   | State. | Born. | Died. | Congress. | Years.  | Name.                    | State. | Born. | Died. |
|-----------|-----------|-------------------------|--------|-------|-------|-----------|---------|--------------------------|--------|-------|-------|
| 1, 2      | 1789-92   | John Langdon.....       | N. H.  | 1739  | 1819  | 19, 20    | 1826-28 | Nathaniel Macon.....     | N. C.  | 1757  | 1837  |
|           | 1792      | Richard H. Lee.....     | Va.    | 1732  | 1794  | 20-22     | 1828-32 | Samuel Smith.....        | Md.    | 1752  | 1839  |
| 2, 3      | 1792-94   | John Langdon.....       | N. H.  | 1739  | 1819  |           | 1832    | L. W. Tazewell.....      | Va.    | 1774  | 1860  |
| 3         | 1794-95   | Ralph Izard.....        | S. C.  | 1742  | 1804  | 22, 23    | 1832-34 | Hugh L. White.....       | Tenn.  | 1773  | 1840  |
| 3, 4      | 1795-96   | Henry Tazewell.....     | Va.    | 1753  | 1799  | 23        | 1834-35 | Geo. Poindexter.....     | Miss.  | 1779  | 1853  |
| 4         | 1796-97   | Samuel Livermore.....   | N. H.  | 1732  | 1803  | 24        | 1835-36 | John Tyler.....          | Va.    | 1790  | 1863  |
| 4, 5      | 1797      | William Bingham.....    | Pa.    | 1751  | 1804  | 24-26     | 1836-41 | William R. King.....     | Ala.   | 1786  | 1853  |
| 5         | 1797      | William Bradford.....   | R. I.  | 1729  | 1808  | 26, 27    | 1841-42 | Saml. L. Southard.....   | N. J.  | 1787  | 1842  |
| 5         | 1797-98   | Jacob Read.....         | S. C.  | 1752  | 1816  | 27-29     | 1842-46 | W. P. Mangum.....        | N. C.  | 1792  | 1861  |
| 5         | 1798-99   | John Lawrence.....      | Mass.  | 1746  | 1813  | 29, 30    | 1846-49 | D. R. Atchison.....      | Mo.    | 1807  | 1886  |
| 5         | 1799      | James Ross.....         | N. Y.  | 1750  | 1810  | 31, 32    | 1850-52 | William R. King.....     | Ala.   | 1786  | 1853  |
| 6         | 1799-1800 | Samuel Livermore.....   | N. H.  | 1732  | 1803  | 32, 33    | 1852-54 | D. R. Atchison.....      | Mo.    | 1807  | 1886  |
| 6         | 1800      | Uriah Tracy.....        | Ct.    | 1755  | 1807  | 33, 34    | 1854-57 | Jesse D. Bright.....     | Ind.   | 1812  | 1875  |
| 6         | 1800-1801 | John E. Howard.....     | Md.    | 1752  | 1827  | 35, 36    | 1857-61 | James M. Mason.....      | Va.    | 1798  | 1871  |
| 6         | 1801      | James Hillhouse.....    | Ct.    | 1754  | 1832  | 36-38     | 1861-64 | Benj. Fitzpatrick.....   | Ala.   | 1809  | 1869  |
| 7         | 1801-02   | Abraham Baldwin.....    | Ga.    | 1754  | 1807  | 38        | 1864-65 | Solomon Foot.....        | Vt.    | 1802  | 1866  |
| 7         | 1802-03   | Stephen R. Bradley..... | Vt.    | 1754  | 1830  | 29        | 1865-67 | Daniel Clark.....        | N. H.  | 1809  | 1891  |
| 8         | 1803-04   | John Brown.....         | Ky.    | 1757  | 1837  | 40        | 1867-69 | Lafayette S. Foster..... | Ct.    | 1806  | 1880  |
| 8         | 1804-05   | Joseph Anderson.....    | N. C.  | 1758  | 1823  | 41, 42    | 1869-73 | Benjamin F. Wade.....    | Ohio   | 1800  | 1878  |
| 8         | 1805      | Samuel Smith.....       | Md.    | 1757  | 1837  | 43        | 1873-75 | Henry B. Anthony.....    | R. I.  | 1815  | 1884  |
| 9, 10     | 1805-08   | Stephen R. Bradley..... | Vt.    | 1754  | 1830  | 44, 45    | 1875-79 | M. H. Carpenter.....     | Wis.   | 1824  | 1881  |
| 10        | 1808-09   | John Millledge.....     | Ga.    | 1757  | 1818  | 46        | 1879-81 | Thomas W. Ferry.....     | Mich   | 1827  | 1896  |
| 10, 11    | 1809-10   | Andrew Gregg.....       | Pa.    | 1755  | 1835  | 47        | 1881-83 | A. G. Thurman.....       | Ohio   | 1813  | 1895  |
| 11        | 1810-11   | John Gaillard.....      | S. C.  | 1765  | 1826  | 47        | 1881    | Thomas F. Bayard.....    | Del.   | 1828  | 1898  |
| 11, 12    | 1811-12   | John Pope.....          | Ky.    | 1770  | 1845  | 48        | 1883-85 | David Davis.....         | Ill.   | 1815  | 1886  |
| 12, 13    | 1812-13   | Wm. H. Crawford.....    | Ga.    | 1772  | 1834  | 49        | 1885-87 | Geo. F. Edmunds.....     | Vt.    | 1818  | 1886  |
| 13        | 1813-14   | Jos. B. Varnum.....     | Mass.  | 1756  | 1821  | 49-51     | 1887-91 | John Sherman.....        | Ohio   | 1823  | 1901  |
| 13-15     | 1814-19   | John Gaillard.....      | S. C.  | 1765  | 1826  | 52        | 1891-93 | C. J. Ingersoll.....     | Kan.   | 1833  | 1900  |
| 15, 16    | 1818-19   | James Barbour.....      | Va.    | 1775  | 1842  | 53        | 1893-95 | John F. Manderson.....   | Neb.   | 1837  | ..... |
| 16-19     | 1820-26   | John Gaillard.....      | S. C.  | 1765  | 1826  | 54-57     | 1895-   | Isham G. Harris.....     | Tenn.  | 1818  | 1897  |
|           |           |                         |        |       |       |           |         | William F. Pryor.....    | Me.    | 1831  | ..... |

Speakers of the U. S. House of Representatives.

| Congress. | Years.    | Name.                  | State. | Born. | Died. | Congress. | Years.  | Name.                   | State. | Born. | Died. |
|-----------|-----------|------------------------|--------|-------|-------|-----------|---------|-------------------------|--------|-------|-------|
| 1         | 1789-91   | F. A. Muhlenberg.....  | Pa.    | 1750  | 1801  | 98        | 1842-45 | John W. Jones.....      | Va.    | 1805  | 1848  |
| 2         | 1791-93   | Jonathan Trumbull..... | Ct.    | 1740  | 1809  | 29        | 1845-47 | John W. Davis.....      | Ind.   | 1799  | 1850  |
| 3         | 1793-95   | F. A. Muhlenberg.....  | Pa.    | 1750  | 1801  | 30        | 1847-49 | Robert C. Winthrop..... | Mass.  | 1809  | 1884  |
| 4, 5      | 1795-99   | Jonathan Dayton.....   | N. J.  | 1760  | 1824  | 31        | 1849-51 | Howell Cobb.....        | Ga.    | 1810  | 1868  |
| 5         | 1799-1801 | Theo. Sedgwick.....    | Mass.  | 1746  | 1813  | 32, 33    | 1851-55 | Linn Boyd.....          | Ky.    | 1800  | 1859  |
| 7, 9      | 1801-07   | Nathaniel Macon.....   | N. C.  | 1757  | 1837  | 34        | 1855-57 | Nathaniel P. Banks..... | Mass.  | 1816  | 1894  |
| 10, 11    | 1807-11   | Joseph B. Varnum.....  | Mass.  | 1750  | 1821  | 35        | 1857-59 | James L. Orr.....       | S. C.  | 1822  | 1873  |
| 12, 13    | 1811-14   | Henry Clay.....        | Ky.    | 1777  | 1852  | 36        | 1859-61 | Wm. Pennington.....     | N. J.  | 1796  | 1862  |
| 13-16     | 1814-15   | Langdon Cheves.....    | S. C.  | 1776  | 1857  | 37        | 1861-63 | Gulisha A. Grow.....    | Pa.    | 1823  | ..... |
| 16        | 1820-21   | John W. Taylor.....    | N. Y.  | 1784  | 1854  | 41-43     | 1863-69 | Schuyler Colfax.....    | Ind.   | 1823  | 1885  |
| 17        | 1821-23   | Philip P. Barbour..... | Va.    | 1783  | 1841  | 44        | 1869-75 | James G. Blaine.....    | Me.    | 1830  | 1893  |
| 18        | 1823-25   | Henry Clay.....        | Ky.    | 1777  | 1852  | 44-46     | 1876-81 | Michael C. Kerr.....    | Ind.   | 1827  | 1876  |
| 19        | 1825-27   | John W. Taylor.....    | N. Y.  | 1784  | 1854  | 47        | 1881-83 | Samuel J. Randall.....  | Pa.    | 1818  | 1890  |
| 20-23     | 1827-34   | Andrew Stevenson.....  | Va.    | 1784  | 1857  | 48-50     | 1883-89 | John W. Keifer.....     | Ohio   | 1836  | ..... |
| 23        | 1834-35   | John Bell.....         | Tenn.  | 1787  | 1869  | 51        | 1889-91 | John G. Carlisle.....   | Ky.    | 1835  | ..... |
| 24, 25    | 1835-39   | James K. Polk.....     | Tenn.  | 1795  | 1849  | 52, 53    | 1891-95 | Thomas B. Reed.....     | Me.    | 1839  | ..... |
| 26        | 1839-41   | R. M. T. Hunter.....   | Va.    | 1809  | 1887  | 54, 55    | 1895-99 | Charles F. Crisp.....   | Ga.    | 1845  | 1896  |
| 27        | 1841-43   | John White.....        | Ky.    | 1805  | 1845  | 56, 57    | 1899-   | Thomas B. Reed.....     | Me.    | 1839  | ..... |
|           |           |                        |        |       |       |           |         | David B. Henderson..... | La.    | 1840  | ..... |

## Presidential Cabinet Officers.

### SECRETARIES OF STATE.

| PRESIDENTS       | Cabinet Officers.      | Resi-<br>dences. | Date<br>of Ap-<br>point-<br>ment. | PRESIDENTS       | Cabinet Officers.        | Resi-<br>dences. | Date<br>of Ap-<br>point-<br>ment. |
|------------------|------------------------|------------------|-----------------------------------|------------------|--------------------------|------------------|-----------------------------------|
| Washington       | Thomas Jefferson.....  | Va               | 1789                              | Fillmore.....    | Daniel Webster.....      | Mass             | 1850                              |
| "                | Edmund Randolph.....   | "                | 1794                              | "                | Edward Everett.....      | "                | 1852                              |
| "                | Timothy Pickering..... | Mass             | 1795                              | Pierce.....      | William L. Marcy.....    | N. Y.            | 1853                              |
| Adams.....       | "                      | "                | 1797                              | Buchanan.....    | Jeremiah S. Black.....   | Mich             | 1857                              |
| "                | John Marshall.....     | Va               | 1800                              | "                | Levi S. Black.....       | Pa.              | 1860                              |
| Jefferson.....   | James Madison.....     | "                | 1801                              | Lincoln.....     | William H. Seward.....   | N. Y.            | 1861                              |
| "                | Robert Smith.....      | Md               | 1809                              | Johnson.....     | "                        | "                | 1865                              |
| "                | James Monroe.....      | Va               | 1811                              | Grant.....       | Elihu B. Washburn.....   | Ill              | 1869                              |
| Monroe.....      | John Quincy Adams..... | Mass             | 1817                              | "                | Hamilton Fish.....       | N. Y.            | 1869                              |
| J. Q. Adams..... | Henry Clay.....        | Ky               | 1825                              | Hayes.....       | William M. Evarts.....   | "                | 1877                              |
| "                | Martin Van Buren.....  | N. Y.            | 1829                              | Garfield.....    | James G. Blaine.....     | Me               | 1881                              |
| "                | Edward Livingston..... | La.              | 1831                              | Arthur.....      | F. T. Frelinghuysen..... | N. J.            | 1881                              |
| "                | Louis McLane.....      | Del.             | 1833                              | Cleveland.....   | Thomas F. Bayard.....    | Del.             | 1885                              |
| "                | John Forsyth.....      | Ga.              | 1834                              | B. Harrison..... | James G. Blaine.....     | Me               | 1889                              |
| Van Buren.....   | "                      | "                | 1837                              | "                | John W. Foster.....      | Ind              | 1892                              |
| Harrison.....    | Daniel Webster.....    | Mass             | 1841                              | Cleveland.....   | Walter Q. Gresham.....   | Ill              | 1893                              |
| "                | "                      | "                | 1841                              | "                | Richard Olney.....       | Mass             | 1895                              |
| "                | Hugh S. Legaré.....    | S. C.            | 1843                              | McKinley.....    | John Sherman.....        | Ohio             | 1897                              |
| "                | Abel P. Upshur.....    | Va               | 1843                              | "                | William R. Day.....      | "                | 1897                              |
| "                | John C. Calhoun.....   | S. C.            | 1844                              | "                | John Hay.....            | "                | 1898                              |
| Polk.....        | James Buchanan.....    | Pa.              | 1845                              | Roosevelt.....   | "                        | "                | 1901                              |
| Taylor.....      | John M. Clayton.....   | Del.             | 1849                              |                  |                          |                  |                                   |

### SECRETARIES OF THE TREASURY.

|                  |                          |       |      |                  |                           |       |      |
|------------------|--------------------------|-------|------|------------------|---------------------------|-------|------|
| Washington       | Alexander Hamilton.....  | N. Y. | 1789 | Pierce.....      | James Guthrie.....        | Ky    | 1853 |
| "                | Oliver Wolcott.....      | Ct.   | 1795 | Buchanan.....    | Howell Cobb.....          | Ga    | 1857 |
| Adams.....       | "                        | "     | 1797 | "                | Philip F. Thomas.....     | Md.   | 1860 |
| "                | Samuel Dexter.....       | Mass  | 1801 | "                | John A. Dix.....          | N. Y. | 1861 |
| Jefferson.....   | "                        | "     | 1801 | Lincoln.....     | Salmon P. Chase.....      | Ohio  | 1861 |
| "                | Albert Gallatin.....     | Pa.   | 1801 | "                | William P. Fessenden..... | Me    | 1864 |
| Madison.....     | "                        | "     | 1809 | "                | Hugh McCulloch.....       | Ind   | 1865 |
| "                | George W. Campbell.....  | Tenn  | 1814 | Johnson.....     | "                         | "     | 1865 |
| "                | Alexander J. Dallas..... | Pa    | 1814 | Grant.....       | George S. Boutwell.....   | Mass  | 1869 |
| "                | William H. Crawford..... | Ga.   | 1816 | "                | Wm. A. Richardson.....    | "     | 1873 |
| Monroe.....      | "                        | "     | 1817 | "                | Benjamin H. Bristow.....  | Ky    | 1874 |
| J. Q. Adams..... | Richard Rush.....        | Pa.   | 1825 | "                | Lot M. Morrill.....       | Me    | 1878 |
| "                | Samuel D. Ingham.....    | "     | 1829 | Hayes.....       | John Sherman.....         | Ohio  | 1877 |
| Jackson.....     | Louis McLane.....        | Del.  | 1831 | Garfield.....    | William Windom.....       | Minn  | 1881 |
| "                | William J. Duane.....    | Pa.   | 1833 | Arthur.....      | Charles J. Folger.....    | N. Y. | 1881 |
| "                | Roger B. Taney.....      | Md.   | 1833 | "                | Walter Q. Gresham.....    | Ind   | 1884 |
| "                | Levi Woodbury.....       | N. H. | 1834 | "                | Hugh McCulloch.....       | "     | 1884 |
| Van Buren.....   | "                        | "     | 1837 | Cleveland.....   | Daniel Manning.....       | N. Y. | 1885 |
| Harrison.....    | Thomas Ewing.....        | Ohio  | 1841 | "                | Charles S. Fairchild..... | "     | 1887 |
| "                | "                        | "     | 1841 | B. Harrison..... | William Windom.....       | Minn  | 1889 |
| Taylor.....      | Walter Forward.....      | Pa.   | 1841 | "                | Charles Foster.....       | Ohio  | 1891 |
| "                | John C. Spencer.....     | N. Y. | 1843 | Cleveland.....   | John G. Carlisle.....     | Ky    | 1893 |
| "                | George M. Bibb.....      | Ky    | 1844 | McKinley.....    | Lyman J. Gage.....        | Ill.  | 1897 |
| Polk.....        | Robert J. Walker.....    | Miss. | 1845 | Roosevelt.....   | "                         | "     | 1901 |
| Taylor.....      | William M. Meredith..... | Pa.   | 1849 | "                | Leslie M. Shaw.....       | Ia.   | 1901 |
| Fillmore.....    | Thomas Corwin.....       | Ohio  | 1850 |                  |                           |       |      |

### SECRETARIES OF WAR.

|                  |                                     |       |      |                  |                                     |       |      |
|------------------|-------------------------------------|-------|------|------------------|-------------------------------------|-------|------|
| Washington       | Henry Knox.....                     | Mass  | 1789 | Taylor.....      | George W. Crawford.....             | Ga.   | 1849 |
| "                | Timothy Pickering.....              | "     | 1795 | "                | Edward Bates.....                   | Mo    | 1850 |
| "                | James McHenry.....                  | Md    | 1796 | Fillmore.....    | Charles M. Conrad.....              | La    | 1850 |
| Adams.....       | "                                   | "     | 1797 | Pierce.....      | Jefferson Davis.....                | Miss. | 1853 |
| "                | John Marshall.....                  | Va    | 1800 | Buchanan.....    | John B. Floyd.....                  | Va    | 1857 |
| "                | Samuel Dexter.....                  | Mass  | 1800 | "                | Joseph Holt.....                    | Ky    | 1861 |
| "                | Roger Griswold.....                 | Ct.   | 1801 | Lincoln.....     | Simon Cameron.....                  | Pa.   | 1861 |
| Jefferson.....   | Henry Dearborn.....                 | Mass  | 1801 | "                | Edwin M. Stanton.....               | Ohio  | 1862 |
| Madison.....     | William Eustis.....                 | "     | 1809 | Johnson.....     | "                                   | "     | 1865 |
| "                | John Armstrong.....                 | N. Y. | 1813 | "                | U. S. Grant ( <i>ad. in.</i> )..... | Ill   | 1867 |
| "                | James Monroe.....                   | Va    | 1814 | "                | Lor. Thomas ( <i>ad. in.</i> )..... | "     | 1868 |
| "                | William H. Crawford.....            | Ga    | 1815 | "                | John M. Schofield.....              | N. Y. | 1868 |
| Monroe.....      | Isaac Shelby.....                   | Ky    | 1817 | Grant.....       | John A. Rawlins.....                | Ill.  | 1869 |
| "                | Geo. Graham ( <i>ad. in.</i> )..... | Va    | 1817 | "                | William T. Sherman.....             | Ohio  | 1869 |
| "                | John C. Calhoun.....                | S. C. | 1817 | "                | William W. Belknap.....             | Ia    | 1869 |
| J. Q. Adams..... | James Barbour.....                  | Va    | 1825 | "                | Alphonso Taft.....                  | Ohio  | 1876 |
| "                | Peter B. Porter.....                | N. Y. | 1828 | "                | James Don. Cameron.....             | Pa.   | 1876 |
| Jackson.....     | John H. Eaton.....                  | Tenn  | 1829 | Hayes.....       | George W. McCrary.....              | Ia    | 1877 |
| "                | Lewis Cass.....                     | Ohio  | 1831 | "                | Alexander Ramsey.....               | Minn  | 1879 |
| "                | Benjamin F. Butler.....             | N. Y. | 1837 | Garfield.....    | Robert T. Lincoln.....              | Ill   | 1881 |
| Van Buren.....   | Joel R. Poinsett.....               | S. C. | 1837 | Arthur.....      | "                                   | "     | 1881 |
| Harrison.....    | John Bell.....                      | Tenn  | 1841 | Cleveland.....   | William C. Endicott.....            | Mass  | 1885 |
| "                | "                                   | "     | 1841 | B. Harrison..... | Redfield Proctor.....               | Vt.   | 1889 |
| Taylor.....      | John McLean.....                    | Ohio  | 1841 | "                | Stephen B. Elkins.....              | W. Va | 1891 |
| "                | John C. Spencer.....                | N. Y. | 1841 | Cleveland.....   | Daniel S. Lamont.....               | N. Y. | 1893 |
| "                | James M. Porter.....                | Pa.   | 1843 | McKinley.....    | Russel A. Alger.....                | Mich  | 1897 |
| "                | William Wilkins.....                | "     | 1844 | "                | Elihu Root.....                     | N. Y. | 1899 |
| Polk.....        | William L. Marcy.....               | N. Y. | 1845 | Roosevelt.....   | "                                   | "     | 1901 |

SECRETARIES OF THE INTERIOR.

| PRESIDENTS.    | Cabinet Officers.      | Resi-<br>dences. | Date<br>of Ap-<br>point-<br>ment. | PRESIDENTS.       | Cabinet Officers.       | Resi-<br>dences. | Date<br>of Ap-<br>point-<br>ment. |
|----------------|------------------------|------------------|-----------------------------------|-------------------|-------------------------|------------------|-----------------------------------|
| Taylor .....   | Thomas Ewing .....     | Ohio .....       | 1849                              | Grant .....       | Zachariah Chandler..... | Mich .....       | 1875                              |
| Fillmore.....  | James A. Pearce.....   | Md .....         | 1850                              | Hayes .....       | Carl Schurz.....        | Mo .....         | 1877                              |
| " .....        | Thos. M. T. McKernon.. | Va .....         | 1850                              | Garfield.....     | Samuel J. Kirkwood..... | Iowa .....       | 1881                              |
| " .....        | Alexander H. Stuart .. | Pa .....         | 1850                              | Arthur.....       | Henry M. Teller.....    | Col .....        | 1882                              |
| Pierce .....   | Robert McClelland..... | Mich .....       | 1853                              | Cleveland .....   | Lucius Q. C. Lamar..... | Miss .....       | 1885                              |
| Buchanan ..... | Jacob Thompson.....    | Miss .....       | 1857                              | " .....           | William F. Vilas.....   | Wis .....        | 1888                              |
| Lincoln .....  | Caleb B. Smith.....    | Ind .....        | 1861                              | B. Harrison ..... | John W. Noble.....      | Mo .....         | 1889                              |
| " .....        | John P. Usher.....     | " .....          | 1863                              | Cleveland .....   | Hoke Smith.....         | Ga .....         | 1896                              |
| Johnson .....  | " .....                | " .....          | 1865                              | " .....           | David R. Francis.....   | Mo .....         | 1896                              |
| " .....        | James Harlan.....      | Iowa .....       | 1865                              | McKinley .....    | Cornelius N. Bliss..... | N. Y .....       | 1897                              |
| " .....        | Orville H. Browning... | Ill .....        | 1866                              | " .....           | Ethan A. Hitchcock..... | Mo .....         | 1899                              |
| Grant .....    | Jacob D. Cox.....      | Ohio .....       | 1869                              | Roosevelt .....   | " .....                 | " .....          | 1901                              |
| " .....        | Columbus Delano.....   | " .....          | 1870                              | " .....           | " .....                 | " .....          | " .....                           |

SECRETARIES OF THE NAVY.

|                   |                         |            |      |                   |                          |             |         |
|-------------------|-------------------------|------------|------|-------------------|--------------------------|-------------|---------|
| Adams .....       | Benjamin Stoddert.....  | Md.....    | 1798 | Polk .....        | George Bancroft.....     | Mass .....  | 1845    |
| Jefferson .....   | " .....                 | " .....    | 1801 | " .....           | John Y. Mason.....       | Va .....    | 1846    |
| " .....           | Robert Smith.....       | " .....    | 1801 | Taylor .....      | William B. Preston.....  | " .....     | 1849    |
| " .....           | Jacob Crowninshield...  | Mass ..... | 1805 | Fillmore.....     | William A. Graham.....   | N. C .....  | 1850    |
| Madison .....     | Paul Hamilton.....      | S. C.....  | 1809 | " .....           | John P. Kennedy.....     | Md.....     | 1852    |
| " .....           | William Jones.....      | Pa .....   | 1813 | Pierce.....       | James C. Dobbin.....     | N. C .....  | 1853    |
| " .....           | B. W. Crowninshield...  | Mass ..... | 1814 | Buchanan .....    | Isaac Toucey.....        | Ct .....    | 1857    |
| Monroe .....      | " .....                 | " .....    | 1817 | Lincoln .....     | Gideon Welles.....       | " .....     | 1861    |
| " .....           | Smith Thompson.....     | N. Y ..... | 1818 | Johnson .....     | " .....                  | " .....     | 1865    |
| " .....           | Samuel L. Southard..... | N. J ..... | 1823 | Grant .....       | Adolph E. Borie.....     | Pa .....    | 1869    |
| J. Q. Adams ..... | " .....                 | " .....    | 1825 | " .....           | George M. Robeson.....   | N. J .....  | 1869    |
| Jackson .....     | John Branch.....        | N. C ..... | 1829 | Hayes .....       | Richard W. Thompson..    | Ind .....   | 1877    |
| " .....           | Levi Woodbury.....      | N. H ..... | 1831 | " .....           | Nathan Goff, Jr.....     | W. Va ..... | 1881    |
| " .....           | Mahlon Dickerson.....   | N. J ..... | 1834 | Garfield.....     | William H. Hunt.....     | Ia .....    | 1881    |
| Van Buren.....    | " .....                 | " .....    | 1837 | Arthur.....       | William E. Chandler..... | N. H .....  | 1882    |
| " .....           | James K. Paulding.....  | N. Y ..... | 1838 | Cleveland .....   | William C. Whitney.....  | N. Y .....  | 1885    |
| Harrison .....    | George E. Badger.....   | N. C ..... | 1841 | B. Harrison ..... | Benjamin F. Tracy.....   | " .....     | 1889    |
| Tyler .....       | " .....                 | " .....    | 1841 | Cleveland .....   | Hilary A. Herbert.....   | Ala .....   | 1893    |
| " .....           | Abel P. Upshur.....     | Va .....   | 1841 | McKinley .....    | John D. Long.....        | Mass .....  | 1897    |
| " .....           | David Henshaw.....      | Mass ..... | 1843 | Roosevelt .....   | " .....                  | " .....     | 1901    |
| " .....           | Thomas W. Gilmer.....   | Va .....   | 1844 | " .....           | William H. Moody.....    | " .....     | 1902    |
| " .....           | John Y. Mason.....      | " .....    | 1844 | " .....           | " .....                  | " .....     | " ..... |

SECRETARIES OF AGRICULTURE.

|                   |                         |           |      |                 |                   |          |         |
|-------------------|-------------------------|-----------|------|-----------------|-------------------|----------|---------|
| Cleveland .....   | Norman J. Colman.....   | Mo .....  | 1889 | McKinley .....  | James Wilson..... | Ia ..... | 1897    |
| B. Harrison ..... | Jeremiah M. Rusk.....   | Wis ..... | 1889 | Roosevelt ..... | " .....           | " .....  | 1901    |
| Cleveland .....   | J. Sterling Morton..... | Neb ..... | 1893 | " .....         | " .....           | " .....  | " ..... |

POSTMASTERS-GENERAL.\*

|                   |                           |            |      |                   |                           |             |         |
|-------------------|---------------------------|------------|------|-------------------|---------------------------|-------------|---------|
| Washington .....  | Samuel Osgood.....        | Mass ..... | 1789 | Buchanan .....    | Horatio King.....         | Me .....    | 1861    |
| " .....           | Timothy Pickering.....    | " .....    | 1791 | Lincoln .....     | Montgomery Blair.....     | Md .....    | 1861    |
| " .....           | Joseph Habersham.....     | Ga .....   | 1795 | " .....           | William Dennison.....     | Ohio .....  | 1864    |
| Adams .....       | " .....                   | " .....    | 1797 | Johnson .....     | " .....                   | " .....     | 1865    |
| Jefferson .....   | " .....                   | " .....    | 1801 | " .....           | Alexander W. Randall..... | Wis .....   | 1866    |
| " .....           | Gideon Granger.....       | Ct .....   | 1801 | Grant .....       | John A. J. Cresswell..... | Md .....    | 1869    |
| Madison .....     | " .....                   | " .....    | 1809 | " .....           | James W. Marshall.....    | Va .....    | 1874    |
| " .....           | Return J. Meigs, Jr.....  | Ohio ..... | 1814 | " .....           | Marshall Jewell.....      | Ct .....    | 1874    |
| Monroe .....      | " .....                   | " .....    | 1817 | " .....           | James N. Tyner.....       | Ind .....   | 1876    |
| " .....           | John McLean.....          | " .....    | 1823 | Hayes .....       | David Mck. Key.....       | Tenn .....  | 1877    |
| J. Q. Adams ..... | " .....                   | " .....    | 1825 | " .....           | Horace Maynard.....       | " .....     | 1880    |
| Jackson .....     | William T. Barry.....     | Ky .....   | 1829 | Garfield .....    | Thomas L. James.....      | N. Y .....  | 1881    |
| " .....           | Amos Kendall.....         | " .....    | 1835 | Arthur.....       | Timothy O. Howe.....      | Wis .....   | 1881    |
| Van Buren.....    | " .....                   | " .....    | 1837 | " .....           | Walter Q. Gresham.....    | Ind .....   | 1883    |
| " .....           | John M. Niles.....        | Ct .....   | 1840 | " .....           | Frank Hutton.....         | Ia .....    | 1884    |
| Harrison .....    | Francis Granger.....      | N. Y ..... | 1841 | Cleveland .....   | William F. Vilas.....     | Wis .....   | 1885    |
| Tyler .....       | " .....                   | " .....    | 1841 | " .....           | Don M. Dickinson.....     | Mich .....  | 1888    |
| " .....           | Charles A. Wickliffe..... | Ky .....   | 1841 | B. Harrison ..... | John Wanamaker.....       | Pa .....    | 1889    |
| Polk .....        | Cave Johnson.....         | Tenn ..... | 1845 | Cleveland .....   | Wilson S. Bissell.....    | N. Y .....  | 1893    |
| Taylor .....      | Jacob Collamer.....       | Vt .....   | 1849 | " .....           | William L. Wilson.....    | W. Va ..... | 1895    |
| Fillmore.....     | Nathan K. Hall.....       | N. Y ..... | 1850 | McKinley .....    | James A. Gary.....        | Md .....    | 1897    |
| " .....           | Samuel D. Hubbard.....    | Ct .....   | 1852 | " .....           | Charles Emory Smith.....  | Pa .....    | 1898    |
| Pierce .....      | James Campbell.....       | Pa .....   | 1853 | Roosevelt .....   | " .....                   | " .....     | 1901    |
| Buchanan .....    | Aaron V. Brown.....       | Tenn ..... | 1857 | " .....           | Henry C. Payne.....       | Wis .....   | 1901    |
| " .....           | Joseph Holt.....          | Ky .....   | 1859 | " .....           | " .....                   | " .....     | " ..... |

\* The Postmaster-General was not considered a Cabinet officer until 1829.

ATTORNEYS-GENERAL.

|                  |                         |            |      |                   |                         |            |      |
|------------------|-------------------------|------------|------|-------------------|-------------------------|------------|------|
| Washington ..... | Edmund Randolph.....    | Va .....   | 1789 | Madison .....     | William Pinkney.....    | Md .....   | 1811 |
| " .....          | William Bradford.....   | Pa .....   | 1794 | " .....           | Richard Rush.....       | Pa .....   | 1814 |
| " .....          | Charles Lee.....        | Va .....   | 1795 | Monroe .....      | " .....                 | " .....    | 1817 |
| Adams .....      | " .....                 | " .....    | 1797 | " .....           | William Wirt.....       | Va .....   | 1817 |
| " .....          | Theophilus Parsons..... | Mass ..... | 1801 | J. Q. Adams ..... | " .....                 | " .....    | 1825 |
| Jefferson .....  | Levi Lincoln.....       | " .....    | 1801 | Jackson .....     | John McP. Berrien.....  | Ga .....   | 1829 |
| " .....          | Robert Smith.....       | Md .....   | 1805 | " .....           | Roger B. Taney.....     | Md .....   | 1831 |
| " .....          | John Breckinridge.....  | Ky .....   | 1805 | " .....           | Benjamin F. Butler..... | N. Y ..... | 1833 |
| " .....          | Cæsar A. Rodney.....    | Del .....  | 1807 | Van Buren.....    | " .....                 | " .....    | 1837 |
| Madison .....    | " .....                 | " .....    | 1809 | " .....           | Felix Grundy.....       | Tenn ..... | 1838 |

ATTORNEYS-GENERAL—Continued.

| PRESIDENTS.    | Cabinet Officers.               | Resi- dences. | Date of Ap- point- ment. | PRESIDENTS.      | Cabinet Officers.         | Resi- dences. | Date of Ap- point- ment. |
|----------------|---------------------------------|---------------|--------------------------|------------------|---------------------------|---------------|--------------------------|
| Van Buren..... | Henry D. Gilpin.....            | Pa.....       | 1840                     | Johnson.....     | William M. Evarts.....    | N. Y.....     | 1868                     |
| Harrison.....  | John J. Crittenden.....         | Ky.....       | 1841                     | Grant.....       | Ebenezer R. Hoar.....     | Mass.....     | 1869                     |
| Tyler.....     | .....                           | .....         | 1841                     | .....            | Amos T. Ackerman.....     | Ga.....       | 1870                     |
| .....          | Hugh S. Legare.....             | S. C.....     | 1843                     | .....            | George H. Williams.....   | Ore.....      | 1871                     |
| .....          | John Nelson.....                | Md.....       | 1843                     | .....            | Edwards Pierrepont.....   | N. Y.....     | 1875                     |
| Polk.....      | John Y. Mason.....              | Va.....       | 1845                     | .....            | Alphonso Taft.....        | Ohio.....     | 1876                     |
| .....          | Nathan Clifford.....            | Me.....       | 1846                     | Hayes.....       | Charles Devens.....       | Mass.....     | 1877                     |
| .....          | Isaac Toucey.....               | Ct.....       | 1848                     | Garfield.....    | Wayne MacVeagh.....       | Pa.....       | 1881                     |
| Taylor.....    | Reverdy Johnson.....            | Md.....       | 1849                     | Arthur.....      | Benjamin H. Brewster..... | Pa.....       | 1881                     |
| Fillmore.....  | John J. Crittenden.....         | Ky.....       | 1850                     | Cleveland.....   | Augustus H. Garland.....  | Ark.....      | 1885                     |
| Pierce.....    | Caleb Cushing.....              | Mass.....     | 1853                     | B. Harrison..... | William H. H. Miller..... | Ind.....      | 1889                     |
| Buchanan.....  | Jeremiah S. Black.....          | Pa.....       | 1857                     | Cleveland.....   | Richard Olney.....        | Mass.....     | 1893                     |
| .....          | Edwin M. Stanton.....           | Ohio.....     | 1860                     | .....            | Judson Harmon.....        | Ohio.....     | 1895                     |
| Lincoln.....   | Edward Bates.....               | Mo.....       | 1861                     | McKinley.....    | Joseph McKenna.....       | Cal.....      | 1897                     |
| .....          | Titian J. Coffey (ad. in.)..... | Pa.....       | 1863                     | .....            | John W. Griggs.....       | N. J.....     | 1897                     |
| .....          | James Speed.....                | Ky.....       | 1864                     | .....            | Phillander C. Knox.....   | Pa.....       | 1901                     |
| Johnson.....   | .....                           | .....         | 1865                     | Roosevelt.....   | .....                     | .....         | 1901                     |
| .....          | Henry Stanbery.....             | Ohio.....     | 1866                     | .....            | .....                     | .....         | .....                    |

NOTE.—Since the foundation of the Government, the individual States have been represented the following number of times in Cabinet positions: Massachusetts, 31; New York, 30; Pennsylvania, 27; Ohio, 22; Virginia, 22; Maryland, 16; Kentucky, 15; Connecticut, 9; Indiana, 9; Georgia, 8; Tennessee, 8; Illinois, 7; Missouri, 7; Maine, 6; South Carolina, 6; Wisconsin, 6; Delaware, 5; Iowa, 5; New Michigan, 5; New Jersey, 5; Mississippi, 4; North Carolina, 4; Louisiana, 3; Minnesota, 3; New Hampshire, 3; West Virginia, 3; Vermont, 2; Alabama, 1; Arkansas, 1; Colorado, 1; Nebraska, 1; California, 1; Oregon, 1. The States which have not been represented in the Cabinet are: Florida, Idaho, Kansas, Montana, Nevada, North Dakota, Rhode Island, South Dakota, Texas, Washington, Wyoming.

Diplomatic Intercourse.

UNITED STATES MINISTERS ACCREDITED TO PRINCIPAL EUROPEAN COUNTRIES, AND MINISTERS FROM THOSE COUNTRIES TO THE UNITED STATES.

ALL representatives not otherwise designated bore the title of minister plenipotentiary or envoy extraordinary or both.

GREAT BRITAIN.

UNITED STATES MINISTERS TO GREAT BRITAIN.

| PRESIDENTS.      | Ministers.                        | States.   | Date.* | PRESIDENTS.      | Ministers.                        | States.   | Date.* |
|------------------|-----------------------------------|-----------|--------|------------------|-----------------------------------|-----------|--------|
| Washington.....  | Thomas Pinckney.....              | S. C..... | 1792   | Fillmore.....    | Joseph R. Ingersoll.....          | Pa.....   | 1852   |
| .....            | Rufus King.....                   | N. Y..... | 1796   | Pierce.....      | James Buchanan.....               | .....     | 1853   |
| John Adams.....  | .....                             | .....     | 1796   | .....            | George M. Dallas.....             | .....     | 1856   |
| .....            | { James Monroe.....               | Va.....   | 1803   | Buchanan.....    | .....                             | .....     | 1861   |
| Jefferson.....   | { William Pinckney.....           | Md.....   | 1806   | Lincoln.....     | Charles Francis Adams.....        | Mass..... | 1861   |
| Madison.....     | Jonathan Russell, ch. d'aff.....  | R. I..... | 1811   | Johnson.....     | .....                             | .....     | 1861   |
| .....            | John Quincy Adams.....            | Mass..... | 1815   | .....            | Reverdy Johnson.....              | Md.....   | 1868   |
| Monroe.....      | J. Adams Smith, ch. d'aff.....    | .....     | 1817   | Grant.....       | John Lothrop Motley.....          | Mass..... | 1869   |
| .....            | Richard Rush.....                 | Pa.....   | 1817   | .....            | Robert C. Schenck.....            | Ohio..... | 1870   |
| J. Q. Adams..... | Rufus King.....                   | N. Y..... | 1825   | .....            | Edwards Pierrepont.....           | N. Y..... | 1876   |
| .....            | Albert Gallatin.....              | Pa.....   | 1826   | Hayes.....       | John Welsh.....                   | Pa.....   | 1877   |
| .....            | W. B. Lawrence, ch. d'aff.....    | N. Y..... | 1827   | .....            | Wm. J. Hoppin, ch. d'aff.....     | N. Y..... | 1879   |
| .....            | James Barbour.....                | Va.....   | 1828   | .....            | James Russell Lowell.....         | Mass..... | 1880   |
| Jackson.....     | Louis McLane.....                 | Del.....  | 1829   | Garfield.....    | .....                             | .....     | 1880   |
| .....            | Washington Irving, ch. d'aff..... | N. Y..... | 1831   | Arthur.....      | .....                             | .....     | 1880   |
| .....            | Marlin Van Buren.....             | .....     | 1831   | Cleveland.....   | Edward J. Phelps.....             | Vt.....   | 1885   |
| .....            | Aaron Vail, ch. d'aff.....        | .....     | 1832   | B. Harrison..... | Robert T. Lincoln.....            | Ill.....  | 1889   |
| .....            | Andrew Stevenson.....             | Va.....   | 1836   | Cleveland.....   | Thos. F. Bayard, ambassador.....  | Del.....  | 1893   |
| Tyler.....       | Edward Everett.....               | Mass..... | 1841   | McKinley.....    | John Hay, ambassador.....         | Ohio..... | 1897   |
| Polk.....        | Louis McLane.....                 | Md.....   | 1845   | .....            | Henry White, ch. d'aff.....       | R. I..... | 1898   |
| .....            | George Bancroft.....              | N. Y..... | 1845   | .....            | Joseph H. Choate, ambassador..... | N. Y..... | 1899   |
| Taylor.....      | J. C. B. Davis, ch. d'aff.....    | Mass..... | 1849   | Roosevelt.....   | .....                             | .....     | 1899   |
| .....            | Abbott Lawrence.....              | .....     | 1849   | .....            | .....                             | .....     | .....  |

BRITISH MINISTERS TO THE UNITED STATES.

| SOVEREIGNS.     | Ministers.                              | Date.* | SOVEREIGNS.     | Ministers.                               | Date.* |
|-----------------|-----------------------------------------|--------|-----------------|------------------------------------------|--------|
| George III..... | George Hammond.....                     | 1791   | Victoria.....   | Richard Pakenham.....                    | 1844   |
| .....           | Phineas Bond, ch. d'aff.....            | 1795   | .....           | John F. T. Crampton, ch. d'aff.....      | 1847   |
| .....           | Robert Liston.....                      | 1796   | .....           | Sir Henry Lytton Bulwer.....             | 1849   |
| .....           | Edward Thornton, ch. d'aff.....         | 1800   | .....           | John F. T. Crampton, ch. d'aff.....      | 1851   |
| .....           | Anthony Merry.....                      | 1803   | .....           | .....                                    | 1852   |
| .....           | David M. Erskine.....                   | 1806   | .....           | Philip Griffith, ch. d'aff.....          | 1853   |
| .....           | Francis James Jackson.....              | 1809   | .....           | John Savile Lumley, ch. d'aff.....       | 1855   |
| .....           | John Philip Morier, ch. d'aff.....      | 1810   | .....           | Lord Napier.....                         | 1857   |
| .....           | Augustus John Foster.....               | 1811   | .....           | Lord Lyons.....                          | 1859   |
| .....           | Anthony St. John Baker, ch. d'aff.....  | 1815   | .....           | Joseph Hume Burnley, ch. d'aff.....      | 1864   |
| .....           | Charles Bagot.....                      | 1816   | .....           | Sir Frederick W. A. Bruce.....           | 1867   |
| George IV.....  | Gibbs Crawford Antrobus, ch. d'aff..... | 1819   | .....           | Francis Clark Ford, ch. d'aff.....       | 1868   |
| .....           | Sir Stratford Canning.....              | 1820   | .....           | Sir Edward Thornton.....                 | 1871   |
| .....           | Henry Unwin Addison, ch. d'aff.....     | 1823   | .....           | Lionel S. Sackville West.....            | 1881   |
| William IV..... | Charles Richard Vaughan.....            | 1825   | .....           | Sir Julian Pauncefote.....               | 1889   |
| .....           | .....                                   | 1825   | .....           | .....                                    | 1892   |
| .....           | Charles Bankhead, ch. d'aff.....        | 1835   | Edward VII..... | .....                                    | 1903   |
| Victoria.....   | Henry Stephen Fox.....                  | 1836   | .....           | Hon. Michael H. Herbert, ambassador..... | 1907   |

\* Date of commission. † Monroe was appointed alone in 1803, and then jointly with Pinckney in 1806. ‡ Now Lord Pauncefote.

**FRANCE.**  
UNITED STATES MINISTERS TO FRANCE.

| PRESIDENTS.   | Ministers.                   | States. | Date. | PRESIDENTS. | Ministers.                  | States.                      | Date. |      |
|---------------|------------------------------|---------|-------|-------------|-----------------------------|------------------------------|-------|------|
| Confederation | Thomas Jefferson             | Va.     | 1790  | Tyler       | Lewis Cass                  | Ohio                         | 1836  |      |
| Washington    | William Short, ch. d'aff.    | Ch.     | 1790  | "           | Henry Ledyard, ch. d'aff.   | Mich.                        | 1842  |      |
| "             | Gouverneur Morris            | N. Y.   | 1792  | "           | William R. King             | Ala.                         | 1844  |      |
| "             | James Monroe                 | Va.     | 1794  | Polk        | J. L. Martin, ch. d'aff.    | N. C.                        | 1846  |      |
| "             | Charles C. Pinckney          | S. C.   | 1796  | "           | Richard Rush                | Pa.                          | 1847  |      |
| "             | (Charles C. Pinckney)        | Va.     | 1797  | Taylor      | William C. Rives            | "                            | 1849  |      |
| John Adams    | (John Marshall)              | Mass.   | 1797  | Fillmore    | "                           | "                            | 1849  |      |
| "             | Henry Jackson, ch. d'aff.    | Mass.   | 1797  | "           | Pierce                      | Henry S. Sanford, ch. d'aff. | Ct.   | 1853 |
| "             | (Oliver Ellsworth)           | Ct.     | 1799  | "           | John Y. Mason               | Va.                          | 1853  |      |
| "             | William Vans Murray          | Md.     | 1799  | Buchanan    | W. R. Calhoun, ch. d'aff.   | S. C.                        | 1859  |      |
| "             | (William R. Davie)           | N. C.   | 1799  | "           | Charles J. Faulkner         | Va.                          | 1860  |      |
| Jefferson     | Robert R. Livingston         | N. Y.   | 1801  | Lincoln     | William L. Dayton           | N. J.                        | 1861  |      |
| "             | John Armstrong               | "       | 1804  | "           | John Bigelow                | N. Y.                        | 1864  |      |
| Madison       | Jonathan Russell, ch. d'aff. | R. I.   | 1810  | Johnson     | John Hay, ch. d'aff.        | Ill.                         | 1866  |      |
| "             | Joel Barlow                  | Ct.     | 1811  | "           | John A. Dix                 | N. Y.                        | 1866  |      |
| "             | William H. Crawford          | Ga.     | 1813  | "           | Grant                       | Elihu B. Washburne           | Ill.  | 1869 |
| "             | Henry Jackson, ch. d'aff.    | Ky.     | 1815  | Hayes       | Edward F. Noyes             | Ohio                         | 1877  |      |
| "             | Albert Gallatin              | Pa.     | 1816  | Garfield    | Levi P. Morton              | N. Y.                        | 1881  |      |
| Monroe        | James Brown                  | La.     | 1823  | Arthur      | "                           | "                            | 1881  |      |
| Jackson       | William C. Rives             | Va.     | 1829  | Cleveland   | Robert M. McLane            | Md.                          | 1885  |      |
| "             | Nathaniel Niles, ch. d'aff.  | Vt.     | 1832  | B. Harrison | Whiteall Reid               | N. Y.                        | 1889  |      |
| "             | Edward Livingston            | La.     | 1833  | "           | T. Jefferson Coolidge       | Mass.                        | 1892  |      |
| "             | Thomas P. Barton, ch. d'aff. | Pa.     | 1835  | Cleveland   | James B. Eustis, ambassador | La.                          | 1893  |      |
| "             | Lewis Cass                   | Ohio    | 1836  | McKinley    | Horace Porter, ambassador   | N. Y.                        | 1897  |      |
| Van Buren     | "                            | "       | 1836  | Roosevelt   | "                           | "                            | 1897  |      |

FRENCH MINISTERS TO THE UNITED STATES.

| GOVERNMENT.  | Ministers.                        | Date. | GOVERNMENT    | Ministers.                           | Date. |
|--------------|-----------------------------------|-------|---------------|--------------------------------------|-------|
| Louis XVI.   | Comte de Monstier                 | 1788  | Napoleon III. | Comte de Sartiges                    | 1851  |
| "            | M. Otto, ch. d'aff.               | 1789  | "             | Viscount Jules Treillard, ch. d'aff. | 1859  |
| "            | Colonel Ternant                   | 1791  | "             | Henri Mercier                        | 1860  |
| Convention   | Edmond C. Genet                   | 1793  | "             | Viscount Jules Treillard, ch. d'aff. | 1863  |
| Directory    | Joseph Fauchet                    | 1794  | "             | Louis de Geofroy, ch. d'aff.         | 1864  |
| "            | Pierre Auguste Adet               | 1795  | "             | Marquis de Montholon                 | 1865  |
| Consulate    | "                                 | 1795  | "             | Jules Berthemy                       | 1866  |
| "            | L. A. Pichon, ch. d'aff.          | 1801  | "             | Comte de Faverney, ch. d'aff.        | 1869  |
| Napoleon I.  | General Turreau                   | 1805  | "             | Prevost Paradol, ch. d'aff.          | 1870  |
| "            | M. Serurier                       | 1811  | "             | Jules Berthemy                       | 1870  |
| Louis XVIII. | "                                 | 1811  | Nat. Defence. | Viscount Jules Treillard             | 1870  |
| "            | G. Hyde de Neuville               | 1816  | Pres. Thiers  | Henry de Bellonnet, ch. d'aff.       | 1871  |
| "            | Comte de Menou, ch. d'aff.        | 1822  | "             | Marquis de Noailles                  | 1872  |
| Charles X.   | Baron de Mareuil                  | 1824  | Pr. MacMahon  | A. Bartholdi                         | 1874  |
| "            | Comte de Menou, ch. d'aff.        | 1827  | "             | F. de Vaugelas, ch. d'aff.           | 1876  |
| "            | Roux de Rochelle                  | 1830  | "             | Mamie Outrey                         | 1877  |
| L. Philippe. | "                                 | 1831  | "             | Theodore J. D. Rouston               | 1882  |
| "            | Alphonse Pageot, ch. d'aff.       | 1835  | Pres. Grevy   | J. Patenotre                         | 1891  |
| "            | Edouard Pontois                   | 1837  | Pres. Carnot  | " ambassador                         | 1891  |
| "            | Alphonse Pageot, ch. d'aff.       | 1839  | "             | " ambassador                         | 1893  |
| "            | L. Adolph Aime Fourier de Bacourt | 1840  | Pres. Faure   | " ambassador                         | 1893  |
| "            | Alphonse Joseph Yver Pagueot      | 1842  | "             | Jules Cambon, ambassador             | 1898  |
| L. Napoleon. | Guillaume Tell Lavaallee Poussin  | 1849  | Pres. Loubet  | "                                    | 1898  |
| "            | E. A. Olivier Sain de Boislecotte | 1850  | "             | Jean A. A. J. Jusserand, ambassador  | 1902  |

**AUSTRIA AND AUSTRIA-HUNGARY.**

UNITED STATES MINISTERS TO AUSTRIA.

| PRESIDENTS. | Ministers.                    | States. | Date. | PRESIDENTS. | Ministers.                   | States. | Date. |
|-------------|-------------------------------|---------|-------|-------------|------------------------------|---------|-------|
| Van Buren   | Henry A. Muhlenberg           | Pa.     | 1838  | Grant       | Edward F. Beale              | D. C.   | 1876  |
| "           | J. R. Clay, ch. d'aff.        | Ky.     | 1840  | Hayes       | John A. Kasson               | Ia.     | 1877  |
| Tyler       | Daniel Jenifer                | Md.     | 1841  | Garfield    | William Walter Phelps        | N. J.   | 1881  |
| Polk        | Wm. H. Stiles, ch. d'aff.     | Ga.     | 1845  | Arthur      | Alphonso Taft                | Ohio    | 1882  |
| Taylor      | J. Watson Webb, ch. d'aff.    | N. Y.   | 1849  | "           | John M. Francis              | N. Y.   | 1884  |
| Fillmore    | C. J. McCurdy, ch. d'aff.     | Ct.     | 1850  | Cleveland   | A. M. Kiely                  | Va.     | 1885  |
| "           | T. M. Foote, ch. d'aff.       | N. Y.   | 1852  | "           | James Fenner Lee, ch. d'aff. | Md.     | 1885  |
| Pierce      | H. R. Jackson, min. res.      | Ga.     | 1853  | "           | Alexander L. Lawson          | Ga.     | 1887  |
| Buchanan    | J. Glancy Jones               | Pa.     | 1858  | B. Harrison | Frederick D. Grant           | N. Y.   | 1859  |
| Lincoln     | Anson Burlingame              | Mass.   | 1861  | Cleveland   | Bartlett Tripp               | S. Dak. | 1893  |
| "           | John Lothrop Motley           | "       | 1861  | McKinley    | Charlemagne Tower            | Pa.     | 1897  |
| Johnson     | George W. Lippitt, ch. d'aff. | R. I.   | 1867  | "           | Addison C. Harris            | Ind.    | 1899  |
| "           | John Hay, ch. d'aff.          | Ill.    | 1867  | "           | Robert S. McCormick          | Ill.    | 1901  |
| "           | Henry M. Watts                | Pa.     | 1868  | Roosevelt   | "                            | "       | 1901  |
| Grant       | John Jay                      | N. Y.   | 1869  | "           | Bellamy Storer               | Ohio    | 1902  |
| "           | Godlove S. Orth               | Ind.    | 1875  |             |                              |         |       |

AUSTRIAN MINISTERS TO THE UNITED STATES.

| EMPERORS.     | Ministers.                        | Date. | EMPERORS.     | Ministers.                             | Date. |
|---------------|-----------------------------------|-------|---------------|----------------------------------------|-------|
| Ferdinand I.  | Baron de Mareschal                | 1838  | Franz Joseph. | Comte Ladislaus Hoyos                  | 1875  |
| "             | Chevalier Hulsemann, ch. d'aff.   | 1841  | "             | Chevalier E. S. von Tavera, ch. d'aff. | 1877  |
| Franz Joseph. | "                                 | 1841  | "             | Baron Ernest von Mayr                  | 1879  |
| "             | " min. res.                       | 1855  | "             | Comte Lippe-Weissenfeld, ch. d'aff.    | 1881  |
| "             | Count Nicholas Giorgi, min. res.  | 1863  | "             | Baron Ignatz von Schaeffer             | 1882  |
| "             | Count Wydenbruck                  | 1865  | "             | Comte Lippe-Weissenfeld, ch. d'aff.    | 1885  |
| "             | Baron de Frankenstein, ch. d'aff. | 1867  | "             | Chevalier E. S. von Tavera             | 1887  |
| "             | Baron Charles de Lederer          | 1868  | "             | L. Hengelmuller von Hengervar          | 1895  |
| "             | Baron von Schwarz-Senborn         | 1874  |               |                                        |       |

**RUSSIA.**

UNITED STATES MINISTERS TO RUSSIA.

| PRESIDENTS.      | Ministers.                   | States.   | Date. | PRESIDENTS.      | Ministers.                      | States.   | Date. |
|------------------|------------------------------|-----------|-------|------------------|---------------------------------|-----------|-------|
| Madison.....     | John Quincy Adams.....       | Mass..... | 1809  | Lincoln.....     | Cassius M. Clay.....            | Ky.....   | 1863  |
| ".....           | Lewis Harris, ch. d'aff..... | ".....    | 1814  | Grant.....       | Andrew G. Curtin.....           | Pa.....   | 1869  |
| ".....           | William Pinkney.....         | Md.....   | 1816  | ".....           | James L. Orr.....               | S. C..... | 1872  |
| Monroe.....      | George W. Campbell.....      | Tenn..... | 1818  | ".....           | Marshall Jewell.....            | Ct.....   | 1873  |
| ".....           | Henry Middleton.....         | S. C..... | 1820  | ".....           | Eugene Schuyler, ch. d'aff..... | N. Y..... | 1874  |
| J. Q. Adams..... | ".....                       | ".....    | 1820  | ".....           | George H. Boker.....            | Pa.....   | 1875  |
| Jackson.....     | John Randolph.....           | Va.....   | 1830  | Hayes.....       | E. W. Stoughton.....            | N. Y..... | 1878  |
| ".....           | James Buchanan.....          | Pa.....   | 1832  | ".....           | Wickham Hoffman, ch. d'aff..... | ".....    | 1879  |
| ".....           | John R. Clay, ch. d'aff..... | ".....    | 1833  | ".....           | John W. Foster.....             | Ind.....  | 1880  |
| ".....           | William Wilkins.....         | ".....    | 1834  | Garfield.....    | ".....                          | ".....    | 1880  |
| ".....           | John R. Clay, ch. d'aff..... | ".....    | 1835  | ".....           | Wickham Hoffman, ch. d'aff..... | N. Y..... | 1881  |
| Van Buren.....   | George M. Dallas.....        | ".....    | 1837  | Arthur.....      | William H. Hunt.....            | La.....   | 1882  |
| ".....           | W. W. Chew, ch. d'aff.....   | ".....    | 1839  | ".....           | Alphonso Taft.....              | Ohio..... | 1884  |
| ".....           | Churchill C. Cambreleng..... | N. Y..... | 1840  | Cleveland.....   | George V. M. Lothrop.....       | Mich..... | 1885  |
| Tyler.....       | Charles S. Todd.....         | Ky.....   | 1841  | ".....           | Lambert Tree.....               | Ill.....  | 1888  |
| Folk.....        | Ralph J. Ingersoll.....      | Ct.....   | 1846  | B. Harrison..... | George W. Wurts, ch. d'aff..... | Pa.....   | 1889  |
| ".....           | Arthur P. Bagby.....         | Ala.....  | 1848  | ".....           | Charles Emory Smith.....        | ".....    | 1890  |
| Fillmore.....    | Neil S. Brown.....           | Tenn..... | 1850  | ".....           | Andrew D. White.....            | N. Y..... | 1892  |
| Pierce.....      | Thomas H. Seymour.....       | Ct.....   | 1853  | Cleveland.....   | Clifton R. Breckinridge.....    | Ark.....  | 1894  |
| Buchanan.....    | Francis W. Pickens.....      | S. C..... | 1858  | McKinley.....    | Ethan A. Hitchcock.....         | Mo.....   | 1897  |
| ".....           | John Appleton.....           | Me.....   | 1860  | ".....           | ".....                          | Pa.....   | 1898  |
| Lincoln.....     | Cassius M. Clay.....         | Ky.....   | 1861  | ".....           | Charlemagne Tower, amb.....     | Pa.....   | 1899  |
| ".....           | Simon Cameron.....           | Pa.....   | 1862  | Roosevelt.....   | ".....                          | ".....    | 1899  |
| ".....           | Bayard Taylor.....           | N. Y..... | 1862  | ".....           | Richard S. McCormick.....       | Ill.....  | 1902  |

RUSSIAN MINISTERS TO THE UNITED STATES.

| EMPERORS.        | Ministers.                         | Date. | EMPERORS.        | Ministers.                              | Date. |
|------------------|------------------------------------|-------|------------------|-----------------------------------------|-------|
| Alexander I..... | Andre de Daschkoff, ch. d'aff..... | 1809  | Alex. II.....    | Constantine Catacazy.....               | 1869  |
| ".....           | Count Theodore de Falhen.....      | 1810  | ".....           | Alexander Gorloff, ch. d'aff.....       | 1871  |
| ".....           | Andre de Daschkoff.....            | 1811  | ".....           | Baron Henri d'Offenberg.....            | 1872  |
| ".....           | Chevalier Herrera de Poletica..... | 1819  | ".....           | Nicholas de Voigt, ch. d'aff.....       | 1874  |
| ".....           | George Ellisen, ch. d'aff.....     | 1822  | ".....           | Nicholas Shishkin.....                  | 1875  |
| ".....           | Baron de Tuill.....                | 1823  | ".....           | Michel Bartholomei.....                 | 1880  |
| Nicholas I.....  | Baron de Maltitz, ch. d'aff.....   | 1826  | Alex. III.....   | Charles de Struve.....                  | 1882  |
| ".....           | Baron de Krudener.....             | 1827  | ".....           | Baron Gustave Schilling, ch. d'aff..... | 1892  |
| ".....           | George Krehmer, ch. d'aff.....     | 1838  | ".....           | Prince Cantacuzene.....                 | 1893  |
| ".....           | Alexander de Bodisco.....          | 1838  | Nicholas II..... | ".....                                  | 1893  |
| Alex. II.....    | Edward de Stoekli.....             | 1854  | ".....           | E. de Kotzebue.....                     | 1895  |
| ".....           | Waldemar Bodisco, ch. d'aff.....   | 1868  | ".....           | Count Cassini, ambassador.....          | 1898  |

**GERMANY.**

UNITED STATES MINISTERS TO THE GERMAN EMPIRE.

| PRESIDENTS.   | Ministers.                        | States.   | Date. | PRESIDENTS.      | Ministers.                    | States.   | Date. |
|---------------|-----------------------------------|-----------|-------|------------------|-------------------------------|-----------|-------|
| Grant.....    | George Bancroft.....              | N. Y..... | 1871  | Arthur.....      | John A. Kasson.....           | Ia.....   | 1884  |
| ".....        | Nicholas Fish, ch. d'aff.....     | ".....    | 1874  | Cleveland.....   | George H. Pendleton.....      | Ohio..... | 1885  |
| ".....        | J. C. Bancroft Davis.....         | ".....    | 1874  | B. Harrison..... | William Walter Phelps.....    | N. J..... | 1889  |
| Hayes.....    | H. Sidney Everett, ch. d'aff..... | Mass..... | 1877  | Cleveland.....   | Theodore Runyon, amb.....     | ".....    | 1893  |
| ".....        | Bayard Taylor.....                | Pa.....   | 1878  | ".....           | Edwin F. Uhl, ambassador..... | Mich..... | 1896  |
| ".....        | H. Sidney Everett, ch. d'aff..... | Mass..... | 1878  | McKinley.....    | Andrew D. White, amb.....     | N. Y..... | 1897  |
| ".....        | Andrew D. White.....              | N. Y..... | 1879  | Roosevelt.....   | ".....                        | ".....    | 1897  |
| Garfield..... | H. Sidney Everett, ch. d'aff..... | Mass..... | 1881  | ".....           | Charlemagne Tower.....        | Pa.....   | 1902  |
| Arthur.....   | A. A. Sargent.....                | Cal.....  | 1882  |                  |                               |           |       |

GERMAN MINISTERS TO THE UNITED STATES.

| EMPERORS.       | Ministers.                        | Date. | EMPERORS.       | Ministers.                         | Date. |
|-----------------|-----------------------------------|-------|-----------------|------------------------------------|-------|
| William I.....  | Baron Alvensleben, ch. d'aff..... | 1871  | William II..... | A. von Mumm, ch. d'aff.....        | 1891  |
| ".....          | Kurd von Schlozer.....            | 1871  | ".....          | Theodore von Holleben.....         | 1892  |
| ".....          | Count von Beust, ch. d'aff.....   | 1882  | ".....          | Baron von Sauma-Jeltsch, amb.....  | 1893  |
| ".....          | Karl von Eisendecher.....         | 1883  | ".....          | Baron Max von Thielmann, amb.....  | 1895  |
| ".....          | H. von Alvensleben.....           | 1884  | ".....          | Herr von Holleben, ambassador..... | 1898  |
| William II..... | Count Arco Valley.....            | 1888  |                 |                                    |       |

**ITALY.**

UNITED STATES MINISTERS TO ITALY.

| PRESIDENTS.    | Ministers.                 | States.   | Date. | PRESIDENTS.      | Ministers.                      | States.   | Date. |
|----------------|----------------------------|-----------|-------|------------------|---------------------------------|-----------|-------|
| Lincoln.....   | George F. Marsh.....       | Vt.....   | 1861  | B. Harrison..... | Albert G. Porter.....           | Ind.....  | 1889  |
| Johnson.....   | ".....                     | ".....    | 1861  | ".....           | William Potter.....             | Pa.....   | 1892  |
| Grant.....     | ".....                     | ".....    | 1861  | Cleveland.....   | J. J. Van Alen, ambassador..... | I. I..... | 1893  |
| Hayes.....     | ".....                     | ".....    | 1861  | ".....           | Wayne MacVeagh, amb.....        | Pa.....   | 1893  |
| Garfield.....  | ".....                     | ".....    | 1861  | McKinley.....    | William F. Draper, amb.....     | Mass..... | 1897  |
| Arthur.....    | ".....                     | ".....    | 1861  | ".....           | George L. Von Mever, amb.....   | ".....    | 1901  |
| ".....         | William Waldorf Astor..... | N. Y..... | 1882  | Roosevelt.....   | ".....                          | ".....    | 1901  |
| Cleveland..... | John B. Stallo.....        | Ohio..... | 1885  |                  |                                 |           |       |

\* Mr. Van Alen was confirmed by the Senate but declined, and Mr. MacVeagh was appointed.

DIPLOMATIC INTERCOURSE—Continued.

ITALY—Continued.

ITALIAN MINISTERS TO THE UNITED STATES.

| KINGS.       | Ministers.                        | Date. | KINGS.        | Ministers.                         | Date. |
|--------------|-----------------------------------|-------|---------------|------------------------------------|-------|
| V. Emmanuel. | Chevalier Joseph Bertinatti       | 1861  | Humbert       | Prince Camporeale, ch. d'aff.      | 1880  |
| "            | Lomoeo Crisafalli, ch. d'aff.     | 1866  | "             | Baron de Fava.                     | 1881  |
| "            | Chevalier Marcello Corrafi.       | 1867  | "             | Marquis Imperiali, ch. d'aff.      | 1891  |
| "            | Count Luigi Colobiano, ch. d'aff. | 1869  | "             | Baron de Fava.                     | 1892  |
| "            | Count Luigi Corti                 | 1870  | "             | " " " ambassador.                  | 1893  |
| "            | Count Littà, ch. d'aff.           | 1874  | V. Emman. II. | " " " ambassador.                  | 1901  |
| "            | Baron Alberto Blanc.              | 1875  |               | F. Mayor des Planches, ambassador. |       |

SPAIN.

UNITED STATES MINISTERS TO SPAIN.

| PRESIDENTS.  | Ministers.                                                       | States. | Date. | PRESIDENTS.  | Ministers.                                                                  | States. | Date. |
|--------------|------------------------------------------------------------------|---------|-------|--------------|-----------------------------------------------------------------------------|---------|-------|
| Washington   | W. Carmichael, ch. d'aff.                                        | Md.     | 1790  | Lincoln      | Gustavus Koerner.                                                           | Ill.    | 1862  |
| "            | William Short, min. res.                                         | Va.     | 1794  | "            | H. J. Perry, ch. d'aff.                                                     | N. H.   | 1864  |
| "            | Thomas Pinckney                                                  | S. C.   | 1794  | "            | John P. Hale.                                                               | "       | 1865  |
| "            | David Humphreys.                                                 | Ct.     | 1796  | Grant        | Daniel E. Sickles.                                                          | N. Y.   | 1869  |
| Jefferson    | Charles Pinckney                                                 | S. C.   | 1801  | "            | Alvey A. Adee, ch. d'aff.                                                   | "       | 1873  |
| "            | G. W. Erving, ch. d'aff.                                         | Mass.   | 1805  | "            | Caleb Cushing.                                                              | Mass.   | 1874  |
| "            | Official relations with Spain were broken off from 1808 to 1814. |         |       | Hayes        | James Russell Lowell.                                                       | "       | 1877  |
| Madison      | G. W. Erving.                                                    | Mass.   | 1814  | "            | Lucius Fairchild.                                                           | Wis.    | 1880  |
| "            | John Forsyth.                                                    | Ga.     | 1819  | Garfield     | Hannibal Hamlin.                                                            | Me.     | 1881  |
| "            | Hugh Nelson.                                                     | Va.     | 1823  | "            | John W. Foster.                                                             | Ind.    | 1883  |
| J. Q. Adams. | Alexander H. Everett.                                            | Mass.   | 1825  | Cleveland    | Jabez L. M. Curry.                                                          | Va.     | 1885  |
| Jackson      | Cornelius P. Van Ness.                                           | Vt.     | 1829  | "            | Perry Belmont.                                                              | N. Y.   | 1889  |
| "            | A. Middleton, Jr., ch. d'aff.                                    | S. C.   | 1836  | B. Harrison. | Thomas W. Palmer.                                                           | Mich.   | 1889  |
| Van Buren    | John H. Eaton, Jr., ch. d'aff.                                   | N. Y.   | 1837  | "            | E. Burd Grubb.                                                              | N. J.   | 1890  |
| "            | Aaron Vail, ch. d'aff.                                           | Tenn.   | 1840  | "            | A. Loudon Snowden.                                                          | Pa.     | 1892  |
| Tyler        | Washington Irving.                                               | "       | 1842  | Cleveland    | Hannis Taylor.                                                              | Ala.    | 1893  |
| Polk         | Romulus M. Saunders.                                             | N. C.   | 1846  | McKinley     | Stewart L. Woodford.                                                        | N. Y.   | 1897  |
| Taylor       | Daniel M. Barringer.                                             | "       | 1849  | "            | Official relations with Spain were broken off, April, 1898, to April, 1899. |         |       |
| Pierce       | Pierre Soule.                                                    | La.     | 1853  | "            | Bellamy Storer.                                                             | Ohio.   | 1899  |
| "            | Augustus C. Dodge.                                               | Ia.     | 1855  | Roosevelt    | " " " " " " " " " " " "                                                     | "       | 1902  |
| Buchanan     | William Preston.                                                 | Ky.     | 1858  | "            | Arthur S. Hardy.                                                            | N. H.   | 1909  |
| Lincoln      | Carl Schurz.                                                     | Wis.    | 1861  |              |                                                                             |         |       |

SPANISH MINISTERS TO THE UNITED STATES.

| SOVEREIGNS.   | Ministers.                                                       | Date. | SOVEREIGNS.   | Ministers.                                    | Date.             |      |
|---------------|------------------------------------------------------------------|-------|---------------|-----------------------------------------------|-------------------|------|
| Carlos IV.    | Diego de Gardoqui, ch. d'aff.                                    | 1785  | Isabella II.  | Faendo Goni.                                  | 1867              |      |
| "             | Jose Ignacio de Viar, ch. d'aff.                                 | 1789  | "             | Mauricio Lopez Roberts.                       | 1869              |      |
| "             | Jose Ignacio de Viar, { joint                                    |       | Amadeo I.     | Admiral Don Jose Polo de Bernabe.             | 1872              |      |
| "             | Jose de Jaudenes, { ch. d'aff. }                                 | 1791  | Pr. Figueras. | " " " " " " " " " " " "                       | 1872              |      |
| "             | Carlos M. de Irujo.                                              | 1796  | "             | " " " " " " " " " " " "                       | 1872              |      |
| "             | Valentin de Foronda, ch. d'aff.                                  | 1807  | "             | Serrano                                       | Antonio Manfilla. | 1874 |
| "             | Official relations with Spain were broken off from 1808 to 1814. |       | Alphonso XII. | Jose Brunetti, ch. d'aff.                     | 1878              |      |
| Fernan. VII.  | Luis de Onis.                                                    | 1809  | "             | Felipe Mendez de Vigo y Osorio.               | 1879              |      |
| "             | Mateo de la Serna, ch. d'aff.                                    | 1819  | "             | Francisco Barca del Corral.                   | 1881              |      |
| "             | Francisco Dionisio Vives.                                        | 1820  | "             | Enrique Dupuy de Lome, ch. d'aff.             | 1883              |      |
| "             | Joaquin de Anduaga.                                              | 1821  | "             | Juan Valera y Arenal Galiano.                 | 1886              |      |
| "             | F. H. Rivas y Salmon, ch. d'aff.                                 | 1823  | Alph. XIII.   | Emilio de Muruaga.                            | 1884              |      |
| "             | Francisco Tacon.                                                 | 1827  | "             | Miguel Suarez Gueanes.                        | 1890              |      |
| M. Christina. | "                                                                | 1827  | "             | Jose Felipe Segario, ch. d'aff.               | 1891              |      |
| Isabella II.  | Angel Calderon de la Barca.                                      | 1835  | "             | Enrique Dupuy de Lome.                        | 1892              |      |
| "             | Pedro Aleantara Argalz.                                          | 1839  | "             | Emilio de Muruaga.                            | 1893              |      |
| "             | Fidencio Boutman, ch. d'aff.                                     | 1844  | "             | Enrique Dupuy de Lome.                        | 1896              |      |
| "             | Angel Calderon de la Barca, min. res.                            | 1844  | "             | Louis Polo y Bernabe.                         | 1898              |      |
| "             | Jose Maria Magallon, ch. d'aff.                                  | 1853  | "             | Diplomatic intercourse broken off by the war. |                   |      |
| "             | Leopoldo Augusto de Cueto.                                       | 1854  | "             | Jose Brunetti, Duke of Arcos.                 | 1899              |      |
| "             | Alfonso Escalante.                                               | 1855  | "             | Emilio de Ojeda.                              | 1902              |      |
| "             | Gabriel Garcia y Tassara.                                        | 1857  |               |                                               |                   |      |

The National Flag.

THE official flag of the United States bears forty-five stars in a blue field, arranged in six rows—the first, third, and fifth rows having eight stars each, and the others having seven stars each. The garrison flag of the Army is made of bunting, thirty-six feet fly and twenty feet hoist; thirteen stripes, and in the upper quarter, next the staff, is the field or "union" of stars, equal to the number of States, on blue field, over one-third length of the flag, extending to the lower edge of the fourth row stripes from the top. The storm flag is twenty feet by ten feet, and the recruiting flag nine feet nine inches by four feet four inches. The "American Jack" is the "union" or blue field of the flag. The Revenue Marine Service flag, authorized by act of Congress, March 2, 1799, was originally prescribed to consist of sixteen perpendicular stripes, alternate red and white, the union of the ensign bearing the arms of the United States in dark blue on a white field. The sixteen stripes represented the number of States which had been admitted to the Union at that time, and no change has been made since. Prior to 1871 it bore an eagle in the union of the pennant, which was then substituted by thirteen blue stars in a white field, but the eagle and stars are still retained in the flag. June 14, the anniversary of the adoption of the National flag, is celebrated as Flag Day in the public schools, and by the display of the emblem on public buildings and private houses in a large part of the Union.

## Reciprocity Treaties and Agreements Between the United States and Foreign Countries.

THE following is a list of the reciprocity treaties and agreements between the United States and foreign countries since 1850. Prepared by the Bureau of Statistics of the Treasury Department.

| COUNTRIES WITH WHICH RECIPROCAL TREATIES AND AGREEMENTS HAVE BEEN MADE. | Signed.                 | Took Effect.                    | Terminated.      |
|-------------------------------------------------------------------------|-------------------------|---------------------------------|------------------|
| British North American Possessions (treaty).....                        | June 5, 1854.....       | March 16, 1855.....             | March 17, 1866.  |
| Hawaiian Islands (treaty).....                                          | January 30, 1875.....   | September 9, 1876.....          | April 30, 1900.  |
| Brazil (agreement).....                                                 | January 31, 1891.....   | April 1, 1891.....              |                  |
| Santo Domingo (agreement).....                                          | June 4, 1891.....       | September 1, 1891.....          |                  |
| Great Britain:                                                          |                         |                                 |                  |
| Barbados (agreement).....                                               | February 1, 1892.....   | February 1, 1892.....           |                  |
| Jamaica (agreement).....                                                | February 1, 1892.....   | February 1, 1892.....           |                  |
| Leeward Islands (agreement).....                                        | February 1, 1892.....   | February 1, 1892.....           |                  |
| Trinidad (including Tobago) (agreement).....                            | February 1, 1892.....   | February 1, 1892.....           |                  |
| Windward Islands (excepting Grenada) (agreement).....                   | February 1, 1892.....   | February 1, 1892.....           |                  |
| British Guiana (agreement).....                                         | February 1, 1892.....   | February 1, 1892.....           | August 27, 1894. |
| Salvador (agreement).....                                               | February 1, 1892.....   | April 1, 1892.....              |                  |
| Nicaragua (agreement).....                                              | December 30, 1891.....  | February 1, 1892 (provisional)  |                  |
| Honduras (agreement).....                                               | March 11, 1892.....     | March 12, 1892.....             |                  |
| Guatemala (agreement).....                                              | April 29, 1892.....     | May 25, 1892 (provisional)..... |                  |
| Spain, for Cuba and Porto Rico (agreement).....                         | December 30, 1891.....  | May 30, 1892.....               |                  |
| Austria-Hungary (agreement).....                                        | June 16, 1891.....      | September 1, 1891 (provisional) |                  |
| France (agreement).....                                                 | May 25, 1892.....       | May 26, 1892.....               |                  |
| Germany (agreement).....                                                | May 28, 1898.....       | June 1, 1898.....               | Still in force.  |
| Portugal and Azores and Madeira Islands (agreement).....                | { January 30, 1892..... | February 1, 1892.....           | August 24, 1894. |
| Italy (agreement).....                                                  | { July 10, 1900.....    | July 13, 1900.....              | Still in force.  |
| Switzerland (treaty of 1850).....                                       | May 22, 1900.....       | June 12, 1900.....              | Still in force.  |
|                                                                         | February 8, 1900.....   | July 18, 1900.....              | Still in force.  |
|                                                                         |                         | June 1, 1898.....               | March 23, 1900.  |

Reciprocity treaties or agreements were also negotiated and signed under authority of section 4 of the act of 1897, and now await action by the United States Senate, with the following governments: United Kingdom, for Jamaica, Turks and Caicos Islands, Barbados, Bermuda, and British Guiana; Denmark, for the Danish West Indies; Dominican Republic; Nicaragua; Ecuador; Argentina; France. The treaties or agreements named above as awaiting ratification are those from which the injunction of secrecy has been removed. Other treaties which have been negotiated have not yet been made public.

The reciprocal agreements now in existence between the United States and France, Portugal, Germany, and Italy, respectively, framed under the Dingley Tariff of 1897, may be summarized as follows:

**France:** The United States reduce the rate of duty on crude tartar from France to 5 per cent ad valorem; on brandies or other spirits to \$1.75 per gallon; also a reduction on still wines and vermouth, and on paintings to 15 per cent ad valorem; while the French Government gives its minimum tariff rates on canned meats, table fruits, dried fruits, lard, manufactured and prepared pork meats, hops, paving blocks, staves and logs, and sawed or squared timber and lumber from the United States.

**Germany:** The United States gives the same tariff rates as those named in the treaty with France on tartar, brandies, still wines, and paintings, and the German Government gives to the United States the same tariff rates as those given to Belgium, Italy, Austria-Hungary, Roumania, Russia, and Switzerland during the existence of the present tariff treaties with them, and annuls its regulations regarding dried fruits from the United States, providing in their stead a system of inspection on account of the San José scale.

**Portugal:** The reductions on crude tartar, brandies, wines, and paintings accorded to Germany and France are given by the United States to Portugal, and the Portuguese Government gives to the United States as low rates of duty as those accorded to any other country, except Spain and Brazil, on breadstuffs, lard, mineral oils, agricultural implements, and certain machinery for manufacturing.

**Italy:** The above-named rates with reference to tartar, brandies, still wines, and paintings are given by the United States, and a reduction is made by the Italian Government on imports of cottonseed oil, fish, machinery, scientific instruments, fertilizers, and skins.

## The Pan-American Conference of 1901.

THE various American Republics constituting the International Union held a second conference in 1901, meeting October 22 in the City of Mexico. The republics of Brazil, Mexico, Venezuela, the Argentine, Bolivia, Chile, Colombia, Costa Rica, Ecuador, Guatemala, Hayti, Nicaragua, Paraguay, Peru, Salvador, Uruguay, and the United States were represented by delegates, those of the United States being ex-Senator Henry G. Davis, of West Virginia; William I. Buchanan, of Iowa; Volney W. Foster, of Illinois; John Barrett, of Oregon; Charles M. Pepper, of the District of Columbia. The sessions were held under the presidency of Señor Genaro Raigosa, of Mexico, and lasted until February, 1902. The principal business transacted was the adoption of a protocol declaring that the principles established at the three different Hague Conventions should be considered as American public law; the present American signatories, the United States and Mexico, being requested to negotiate with other parties to The Hague Convention for the admission into it of other American nations when they ask the privilege. Measures for sanitary protection, a Pan-American Scientific Museum, and the proposed Inter-Continental Railroad were favorably reported. The conference adopted the declaration that "the international law of America is founded on peace, which, in turn, depends on respect for the sovereignty, independence, and territorial integrity of all the nations of the Continent."

The Bureau of the American Republics at Washington was established under the recommendation of the International American Conference in 1890 for the prompt collection and distribution of commercial information concerning the American Republics. It publishes translations of the tariffs of the countries of Latin America reduced to the United States equivalents; also handbooks of these countries, a monthly bulletin containing the latest information respecting their resources, commerce, and general features, and *The Commercial Directory*, an international publication. The Bureau is sustained by contributions from the several American Republics in proportion to their population.



Receipts and Expenditures U. S. Government, 1869=1902.

REVENUE BY FISCAL YEARS.

| YEARS.<br>Ending June 30. | Customs.      | Internal Revenue. | Direct Tax. | Sales of Public Lands. | Miscellaneous Sources.                  |                            | Total Revenue. | Excess of Revenue over Ordinary Expenditures. |
|---------------------------|---------------|-------------------|-------------|------------------------|-----------------------------------------|----------------------------|----------------|-----------------------------------------------|
|                           |               |                   |             |                        | Premiums on Loans & Sales of Gold Coin. | Other Miscellaneous Items. |                |                                               |
| 1869.                     | \$180,048,427 | \$158,356,461     | \$765,686   | \$4,020,344            | \$13,755,491                            | \$19,937,339               | \$370,943,747  | \$48,073,469                                  |
| 1870.                     | 194,538,374   | 184,899,756       | 229,103     | 3,350,482              | 15,295,644                              | 12,942,118                 | 411,255,478    | 101,601,917                                   |
| 1871.                     | 206,270,408   | 143,088,154       | 580,356     | 2,885,647              | 8,892,840                               | 22,093,641                 | 383,323,945    | 91,146,757                                    |
| 1872.                     | 216,370,287   | 130,642,178       | ...         | 2,575,714              | 9,412,638                               | 15,106,051                 | 374,106,868    | 96,588,905                                    |
| 1873.                     | 198,059,523   | 113,729,314       | 315,255     | 2,882,312              | 11,560,531                              | 17,161,270                 | 333,738,205    | 43,302,959                                    |
| 1874.                     | 163,103,894   | 102,409,785       | ...         | 1,852,428              | 5,037,665                               | 17,075,043                 | 289,478,755    | 2,344,882                                     |
| 1875.                     | 157,167,322   | 110,007,494       | ...         | 1,413,840              | 3,979,280                               | 15,431,915                 | 288,000,051    | 13,376,558                                    |
| 1876.                     | 148,071,965   | 116,700,732       | 93,799      | 1,129,487              | 4,029,281                               | 17,456,776                 | 287,482,039    | 29,022,242                                    |
| 1877.                     | 130,766,493   | 118,630,400       | ...         | 976,254                | 405,777                                 | 18,031,655                 | 369,000,587    | 30,340,572                                    |
| 1878.                     | 130,170,680   | 110,581,625       | ...         | 1,079,433              | 317,102                                 | 15,914,728                 | 357,763,879    | 20,799,552                                    |
| 1879.                     | 137,250,048   | 113,561,611       | ...         | 924,781                | 1,505,048                               | 21,975,527                 | 393,626,611    | 6,739,301                                     |
| 1880.                     | 186,522,065   | 124,009,374       | 31          | 1,016,507              | ...                                     | 25,158,851                 | 360,782,393    | 100,069,405                                   |
| 1881.                     | 195,159,676   | 135,264,386       | 1,517       | 2,201,863              | ...                                     | 31,703,643                 | 403,525,250    | 145,545,811                                   |
| 1882.                     | 220,410,730   | 146,497,595       | 160,142     | 4,753,140              | ...                                     | 30,796,695                 | 598,287,582    | 132,879,444                                   |
| 1883.                     | 214,706,497   | 144,720,369       | 108,157     | 7,955,864              | ...                                     | 21,984,882                 | 548,519,870    | 104,393,626                                   |
| 1884.                     | 195,067,490   | 121,586,073       | 70,731      | 9,810,705              | ...                                     | 20,989,528                 | 325,690,706    | 63,463,771                                    |
| 1885.                     | 181,471,939   | 112,498,726       | ...         | 5,705,966              | ...                                     | 26,005,815                 | 371,403,737    | 93,956,589                                    |
| 1886.                     | 192,905,023   | 116,805,936       | 108,240     | 5,630,999              | ...                                     | 24,674,446                 | 373,286,075    | 103,471,098                                   |
| 1887.                     | 217,286,893   | 118,823,391       | 32,892      | 9,254,286              | ...                                     | 24,297,151                 | 387,050,059    | 87,761,081                                    |
| 1888.                     | 219,091,174   | 124,296,872       | 1,566       | 11,202,017             | ...                                     | 24,627,445                 | 373,286,075    | 103,471,098                                   |
| 1889.                     | 223,382,742   | 130,881,514       | ...         | 8,038,652              | ...                                     | 24,274,151                 | 387,050,059    | 87,761,081                                    |
| 1890.                     | 229,668,585   | 142,606,706       | ...         | 6,358,273              | ...                                     | 24,447,420                 | 403,080,983    | 85,040,272                                    |
| 1891.                     | 219,522,205   | 145,636,249       | ...         | 4,029,535              | ...                                     | 23,574,457                 | 392,612,447    | 26,838,542                                    |
| 1892.                     | 177,452,964   | 153,971,072       | ...         | 3,261,876              | ...                                     | 20,251,772                 | 354,937,784    | 9,914,454                                     |
| 1893.                     | 203,355,017   | 160,396,130       | ...         | 3,182,090              | ...                                     | 18,253,898                 | 385,518,629    | 2,341,674                                     |
| 1894.                     | 311,818,531   | 147,111,232       | ...         | 1,673,637              | ...                                     | 17,118,618                 | 597,292,019    | *69,803,261                                   |
| 1895.                     | 152,158,617   | 143,421,672       | ...         | 1,103,347              | ...                                     | 16,706,438                 | 313,390,075    | *42,805,223                                   |
| 1896.                     | 160,021,752   | 146,762,865       | ...         | 1,005,523              | ...                                     | 19,186,061                 | 326,976,200    | *25,203,246                                   |
| 1897.                     | 176,554,126   | 146,688,774       | ...         | 864,581                | ...                                     | 23,614,422                 | 347,721,905    | *18,052,254                                   |
| 1898.                     | 194,819,594   | 169,943,040       | ...         | 1,243,129              | ...                                     | 84,845,631                 | 405,321,335    | *89,047,247                                   |
| 1899.                     | 206,141,225   | 272,486,648       | ...         | 3,070,137              | ...                                     | 33,324,840                 | 515,652,666    | *28,808,657                                   |
| 1900.                     | 233,164,871   | 295,327,927       | ...         | 2,836,883              | ...                                     | 35,911,171                 | 567,240,852    | 73,277,060                                    |
| 1901.                     | 238,585,456   | 307,180,664       | ...         | 2,965,120              | ...                                     | 38,964,098                 | 587,885,298    | 77,717,984                                    |
| 1902.                     | 254,444,709   | 271,880,132       | ...         | ...                    | ...                                     | 36,153,403                 | 562,478,233    | 91,287,376                                    |

EXPENDITURES BY FISCAL YEARS.

| YEARS.<br>Ending June 30. | Premium on Loans and Purchase of Bonds, etc. | Other Civil and Miscellaneous Items. | War Department. | Navy Department. | Indians.   | Pensions.   | Interest on Public Debt. | Total Ordinary Expenditures. |
|---------------------------|----------------------------------------------|--------------------------------------|-----------------|------------------|------------|-------------|--------------------------|------------------------------|
|                           |                                              |                                      |                 |                  |            |             |                          |                              |
| 1870.                     | 15,996,556                                   | 53,237,462                           | 57,656,675      | 21,780,230       | 3,407,938  | 28,340,202  | 129,235,498              | 309,653,461                  |
| 1871.                     | 9,016,795                                    | 60,481,916                           | 35,799,992      | 19,431,027       | 7,426,997  | 34,443,895  | 125,576,596              | 292,177,188                  |
| 1872.                     | 6,958,267                                    | 60,984,757                           | 35,373,157      | 21,249,810       | 7,091,729  | 28,533,403  | 117,357,840              | 277,517,963                  |
| 1873.                     | 5,105,920                                    | 73,328,110                           | 46,323,138      | 23,526,257       | 7,951,705  | 29,659,427  | 104,750,688              | 290,345,245                  |
| 1874.                     | 1,395,074                                    | 69,641,593                           | 42,313,927      | 30,932,587       | 6,692,462  | 29,038,427  | 107,119,815              | 287,133,873                  |
| 1875.                     | ...                                          | 71,070,703                           | 41,120,646      | 21,497,626       | 8,884,657  | 29,456,216  | 103,093,545              | 274,623,393                  |
| 1876.                     | ...                                          | 66,958,374                           | 38,070,889      | 18,963,310       | 5,966,558  | 28,257,296  | 100,243,271              | 258,459,797                  |
| 1877.                     | ...                                          | 56,252,067                           | 37,082,736      | 14,959,955       | 5,277,007  | 27,963,752  | 97,124,612               | 238,660,009                  |
| 1878.                     | ...                                          | 53,177,704                           | 32,154,148      | 17,365,801       | 4,629,800  | 27,137,019  | 102,500,927              | 256,964,327                  |
| 1879.                     | ...                                          | 65,741,555                           | 40,425,661      | 15,125,127       | 5,206,109  | 35,121,482  | 105,327,949              | 266,947,883                  |
| 1880.                     | 2,795,320                                    | 54,713,530                           | 48,116,916      | 13,958,985       | 5,945,457  | 56,777,174  | 82,505,741               | 260,712,886                  |
| 1881.                     | 1,061,249                                    | 64,416,325                           | 40,466,461      | 15,682,672       | 6,514,161  | 50,059,280  | 71,077,307               | 267,981,440                  |
| 1882.                     | ...                                          | 57,219,751                           | 43,570,494      | 15,036,046       | 9,736,747  | 61,245,194  | 71,077,307               | 267,981,440                  |
| 1883.                     | ...                                          | 68,678,022                           | 48,911,383      | 15,283,437       | 7,362,590  | 66,013,574  | 59,160,131               | 295,408,138                  |
| 1884.                     | ...                                          | 70,920,434                           | 39,429,603      | 17,392,601       | 6,475,999  | 55,429,228  | 54,578,378               | 244,126,244                  |
| 1885.                     | ...                                          | 87,494,258                           | 42,670,578      | 16,021,080       | 6,552,495  | 56,102,267  | 51,396,256               | 260,226,935                  |
| 1886.                     | ...                                          | 74,166,390                           | 34,324,153      | 13,907,888       | 6,099,158  | 63,404,864  | 50,580,146               | 242,483,138                  |
| 1887.                     | ...                                          | 85,264,826                           | 38,561,026      | 15,141,127       | 6,194,523  | 75,029,102  | 47,741,577               | 267,932,180                  |
| 1888.                     | 8,270,842                                    | 72,952,261                           | 38,522,436      | 16,926,438       | 6,249,308  | 80,285,909  | 44,715,007               | 267,924,801                  |
| 1889.                     | 17,292,363                                   | 80,664,064                           | 44,435,371      | 21,378,809       | 6,892,208  | 87,624,779  | 41,001,848               | 299,288,978                  |
| 1890.                     | 20,304,244                                   | 81,403,256                           | 44,582,238      | 22,006,206       | 6,708,047  | 106,936,855 | 36,089,284               | 318,040,711                  |
| 1891.                     | 10,401,221                                   | 110,048,167                          | 48,720,056      | 26,113,896       | 8,527,469  | 124,415,951 | 37,647,135               | 365,779,905                  |
| 1892.                     | ...                                          | 99,471,988                           | 46,895,466      | 29,174,139       | 11,150,578 | 134,585,053 | 23,378,116               | 345,023,330                  |
| 1893.                     | ...                                          | 103,752,799                          | 49,641,773      | 30,136,084       | 13,245,347 | 159,357,585 | 27,264,392               | 383,447,954                  |
| 1894.                     | ...                                          | 102,165,471                          | 54,567,930      | 31,701,294       | 10,293,482 | 141,177,298 | 27,841,406               | 367,746,867                  |
| 1895.                     | ...                                          | 93,279,730                           | 51,804,759      | 28,797,796       | 9,939,754  | 141,386,229 | 30,978,030               | 356,195,298                  |
| 1896.                     | ...                                          | 97,216,335                           | 50,830,921      | 27,147,732       | 12,165,528 | 139,434,001 | 35,385,029               | 352,179,446                  |
| 1897.                     | ...                                          | 90,401,267                           | 48,350,267      | 34,561,546       | 13,016,802 | 141,053,164 | 37,791,110               | 365,774,159                  |
| 1898.                     | ...                                          | 96,520,505                           | 51,942,000      | 58,823,985       | 10,994,688 | 147,352,369 | 37,585,056               | 443,268,533                  |
| 1899.                     | ...                                          | 105,131,256                          | 329,841,254     | 63,942,104       | 12,805,711 | 139,394,929 | 39,896,925               | 605,072,180                  |
| 1900.                     | ...                                          | 105,773,140                          | 134,774,768     | 55,963,078       | 10,175,107 | 140,887,316 | 40,160,333               | 487,712,927                  |
| 1901.                     | ...                                          | 122,282,003                          | 144,615,697     | 60,506,978       | 10,896,073 | 139,323,622 | 32,342,975               | 509,967,353                  |
| 1902.                     | ...                                          | 113,469,324                          | 112,372,216     | 67,803,128       | 10,049,585 | 138,488,560 | 29,108,045               | 471,190,858                  |

The total receipts of the United States from the beginning of the Government, 1789, to 1902 have been: From customs, \$8,896,756,288; internal revenue, \$6,336,850,844; direct tax, \$28,131,944; public lands, \$298,631,827; miscellaneous, \$1,037,551,098; total, excluding loans, \$17,236,211,032.

The total expenditures of the United States from the beginning of the Government, 1789, to 1902 have been: For civil and miscellaneous, \$3,403,031,772; war, \$5,793,077,431; navy, \$1,896,993,593; Indians, \$389,290,985; pensions, \$2,936,470,873; interest, \$3,043,806,206; total, \$17,362,630,220.

\* Expenditures in excess of revenue.

# United States Pension Statistics.

## NUMBER OF PENSIONERS ON THE ROLL JUNE 30, 1902.

| LOCATION OF AGENCY.   | GENERAL LAW. |         |              |           | ACT OF JUNE 27, 1890. |           |              |           | Number of pensioners on the roll June 30, 1902. | Number of pensioners on the roll June 30, 1901. |              |
|-----------------------|--------------|---------|--------------|-----------|-----------------------|-----------|--------------|-----------|-------------------------------------------------|-------------------------------------------------|--------------|
|                       | Army.        |         | Navy.        |           | Army.                 |           | Navy.        |           |                                                 |                                                 |              |
|                       | Invalids.    | Nurses. | Widows, etc. | Invalids. | Widows, etc.          | Invalids. | Widows, etc. | Invalids. |                                                 |                                                 | Widows, etc. |
| Topeka.....           | 28,784       | 67      | 6,511        | ....      | ....                  | 60,902    | 16,527       | ....      | ....                                            | 115,855                                         | 115,765      |
| Columbus.....         | 32,853       | 50      | 10,713       | ....      | ....                  | 44,079    | 14,026       | ....      | ....                                            | 103,156                                         | 103,597      |
| Chicago.....          | 21,709       | 58      | 6,772        | 931       | 352                   | 30,621    | 10,039       | 3,693     | 1,010                                           | 77,203                                          | 75,572       |
| Indianap'lis.....     | 30,602       | 27      | 8,409        | ....      | ....                  | 19,187    | 7,478        | ....      | ....                                            | 66,955                                          | 67,028       |
| Philadelp'ia.....     | 11,060       | 38      | 5,309        | 599       | 345                   | 28,286    | 13,448       | 2,017     | 1,168                                           | 63,347                                          | 63,329       |
| Knoxville.....        | 9,784        | 35      | 3,549        | ....      | ....                  | 29,108    | 9,990        | ....      | ....                                            | 61,438                                          | 60,939       |
| Boston.....           | 12,430       | 49      | 6,059        | 1,038     | 552                   | 20,250    | 11,360       | 3,317     | 1,703                                           | 57,626                                          | 57,435       |
| Rufoit.....           | 18,814       | 52      | 3,929        | ....      | ....                  | 25,138    | 6,128        | ....      | ....                                            | 55,037                                          | 55,025       |
| Des Moines.....       | 10,052       | 31      | 4,850        | 713       | 422                   | 18,824    | 12,413       | 2,896     | 1,751                                           | 53,545                                          | 53,211       |
| New York.....         | 11,406       | 72      | 3,801        | 841       | 548                   | 22,821    | 7,517        | 3,057     | 1,147                                           | 53,305                                          | 53,543       |
| Washington.....       | 17,107       | 27      | 4,121        | ....      | ....                  | 22,767    | 5,952        | ....      | ....                                            | 50,808                                          | 50,804       |
| Milwaukee.....        | 10,934       | 13      | 3,756        | ....      | ....                  | 24,521    | 8,628        | ....      | ....                                            | 48,071                                          | 48,654       |
| Pittsburgh.....       | 15,386       | 21      | 5,808        | ....      | ....                  | 19,129    | 6,640        | ....      | ....                                            | 47,242                                          | 47,264       |
| Detroit.....          | 16,480       | 15      | 4,269        | ....      | ....                  | 17,340    | 5,036        | ....      | ....                                            | 43,820                                          | 43,999       |
| San Fran.....         | 8,107        | 58      | 1,539        | 238       | 44                    | 18,902    | 4,005        | 973       | 198                                             | 36,735                                          | 35,796       |
| Louisville.....       | 7,054        | 11      | 2,757        | ....      | ....                  | 12,548    | 5,000        | ....      | ....                                            | 28,536                                          | 28,706       |
| Augusta.....          | 7,884        | 5       | 2,410        | ....      | ....                  | 6,226     | 1,933        | ....      | ....                                            | 18,649                                          | 18,813       |
| Concord.....          | 7,489        | 5       | 2,492        | ....      | ....                  | 5,539     | 2,001        | ....      | ....                                            | 17,807                                          | 18,255       |
| Total.....            | 277,965      | 634     | 87,054       | 4,360     | 2,263                 | 426,188   | 148,201      | 15,953    | 6,977                                           | 999,446                                         | 997,735      |
| Inc. during year..... | ....         | ....    | 541          | ....      | ....                  | 3,707     | 9,711        | 320       | 356                                             | 1,711                                           | ....         |
| Dec. during year..... | 15,221       | 16      | ....         | 129       | 35                    | ....      | ....         | ....      | ....                                            | ....                                            | ....         |

Pensioners of the war of the Revolution—Widows, 4; daughters, 4. Pensioners of the war of 1812—Survivor, 1; widows, 1,317. Pensioners of the war with Mexico—Survivors, 6,828; widows, 8,017. Indian wars—Survivors, 903; widows, 3,320. War with Spain—Invalids, 6,611; widows, 2,854.

### NUMBER OF PENSION CLAIMS, PENSIONERS, AND DISBURSEMENTS, 1861-1902.

| FISCAL YEAR ENDING JUNE 30. | Total Number of Applications Filed. | Total Number of Claims Allowed. | NUMBER OF PENSIONERS ON THE ROLL. |              |         | Disbursements.     |
|-----------------------------|-------------------------------------|---------------------------------|-----------------------------------|--------------|---------|--------------------|
|                             |                                     |                                 | Invalids.                         | Widows, etc. | Total.  |                    |
| 1861.....                   | .....                               | 462                             | 4,337                             | 4,299        | 8,636   | \$1,072,461.55     |
| 1862.....                   | 2,487                               | 462                             | 4,341                             | 3,818        | 8,159   | 790,384.76         |
| 1863.....                   | 49,332                              | 7,884                           | 7,821                             | 6,970        | 14,791  | 1,025,139.91       |
| 1864.....                   | 53,599                              | 39,487                          | 23,479                            | 27,656       | 51,135  | 4,504,616.92       |
| 1865.....                   | 72,684                              | 40,171                          | 35,880                            | 50,106       | 85,986  | 8,525,153.11       |
| 1866.....                   | 65,256                              | 50,177                          | 55,652                            | 71,070       | 126,722 | 13,459,996.43      |
| 1867.....                   | 36,753                              | 36,482                          | 69,565                            | 83,618       | 153,183 | 18,619,956.46      |
| 1868.....                   | 20,768                              | 28,921                          | 73,957                            | 93,686       | 169,643 | 24,010,981.99      |
| 1869.....                   | 26,066                              | 23,196                          | 87,859                            | 105,104      | 187,963 | 28,422,884.08      |
| 1870.....                   | 24,851                              | 18,221                          | 87,521                            | 111,165      | 198,686 | 27,780,811.81      |
| 1871.....                   | 43,969                              | 16,562                          | 93,394                            | 114,101      | 207,495 | 33,077,383.63      |
| 1872.....                   | 263,391                             | 34,333                          | 113,954                           | 118,275      | 232,299 | 30,169,341.00      |
| 1873.....                   | 16,303                              | 16,052                          | 119,500                           | 118,911      | 238,411 | 29,185,289.62      |
| 1874.....                   | 16,734                              | 10,462                          | 121,628                           | 114,613      | 236,241 | 30,593,749.56      |
| 1875.....                   | 18,704                              | 11,152                          | 122,989                           | 111,832      | 234,821 | 29,683,116.63      |
| 1876.....                   | 23,523                              | 9,977                           | 124,239                           | 107,898      | 232,137 | 28,351,599.69      |
| 1877.....                   | 22,715                              | 11,326                          | 128,723                           | 103,381      | 232,104 | 28,580,157.04      |
| 1878.....                   | 44,587                              | 11,962                          | 131,649                           | 92,349       | 223,998 | 26,844,415.18      |
| 1879.....                   | 57,118                              | 31,346                          | 138,615                           | 104,140      | 242,755 | 33,780,526.19      |
| 1880.....                   | 141,466                             | 19,545                          | 145,410                           | 105,392      | 250,802 | 57,240,540.14      |
| 1881.....                   | 31,116                              | 27,394                          | 164,110                           | 104,720      | 268,830 | 50,626,538.51      |
| 1882.....                   | 40,939                              | 27,664                          | 182,633                           | 103,064      | 285,697 | 54,296,280.54      |
| 1883.....                   | 48,776                              | 38,162                          | 206,042                           | 97,616       | 303,658 | 60,431,972.85      |
| 1884.....                   | 41,785                              | 34,192                          | 225,470                           | 97,286       | 323,756 | 57,273,536.74      |
| 1885.....                   | 40,918                              | 35,767                          | 247,146                           | 97,979       | 345,125 | 65,693,706.72      |
| 1886.....                   | 49,895                              | 40,857                          | 270,346                           | 95,437       | 365,783 | 64,584,270.45      |
| 1887.....                   | 72,465                              | 55,194                          | 306,298                           | 99,709       | 406,007 | 74,815,486.85      |
| 1888.....                   | 75,726                              | 60,252                          | 343,701                           | 108,856      | 452,557 | 79,646,146.37      |
| 1889.....                   | 81,220                              | 51,921                          | 373,699                           | 116,026      | 489,725 | 89,131,968.44      |
| 1890.....                   | 105,044                             | 66,637                          | 415,654                           | 122,290      | 537,944 | 106,493,890.19     |
| 1891.....                   | 696,941                             | 156,486                         | 536,821                           | 139,339      | 676,160 | 118,548,959.71     |
| 1892.....                   | 246,638                             | 224,047                         | 703,242                           | 172,826      | 876,068 | 141,086,948.84     |
| 1893.....                   | 119,361                             | 121,630                         | 759,706                           | 206,306      | 966,012 | 158,155,342.51     |
| 1894.....                   | 57,141                              | 39,085                          | 754,382                           | 215,162      | 969,544 | 140,772,163.78     |
| 1895.....                   | 45,361                              | 39,185                          | 750,951                           | 219,567      | 970,524 | 140,959,361.00     |
| 1896.....                   | 42,244                              | 40,374                          | 747,967                           | 222,557      | 970,678 | 139,280,075.00     |
| 1897.....                   | 50,585                              | 50,101                          | 746,829                           | 229,185      | 976,014 | 140,845,772.00     |
| 1898.....                   | 48,732                              | 52,648                          | 760,853                           | 232,861      | 993,714 | 145,748,865.56     |
| 1899.....                   | 53,881                              | 37,077                          | 753,451                           | 238,068      | 991,519 | 139,482,696.00     |
| 1900.....                   | 51,964                              | 40,645                          | 751,864                           | 241,674      | 993,539 | 139,381,522.73     |
| 1901.....                   | 58,373                              | 44,868                          | 747,999                           | 249,736      | 997,735 | 139,582,321.98     |
| 1902.....                   | 47,965                              | 40,173                          | 738,809                           | 260,637      | 999,446 | 138,491,822.48     |
| Total.....                  | 2,872,376                           | 1,742,077                       | .....                             | .....        | .....   | \$2,841,048,064.46 |

UNITED STATES STATISTICS—Continued.

PENSION AGENCIES AND GEOGRAPHICAL LIMITS, JUNE 30, 1902.

| AGENCIES.          | Geographical Limits.                                      | Pay Places Naval Pensioners. | Disbursements.   |
|--------------------|-----------------------------------------------------------|------------------------------|------------------|
| Augusta.....       | Maine.....                                                | Boston.....                  | \$2,755,983.23   |
| Boston.....        | Connecticut, Massachusetts, Rhode Island.....             | Boston.....                  | 7,319,352.20     |
| Buffalo.....       | Western New York.....                                     | New York City.....           | 6,314,457.15     |
| Chicago.....       | Illinois.....                                             | Chicago.....                 | 10,563,275.07    |
| Columbus.....      | Ohio.....                                                 | Chicago.....                 | 14,983,742.39    |
| Concord.....       | New Hampshire, Vermont.....                               | Boston.....                  | 2,712,573.75     |
| Des Moines.....    | Iowa, Nebraska.....                                       | Chicago.....                 | 7,801,093.37     |
| Detroit.....       | Michigan.....                                             | Chicago.....                 | 6,584,382.60     |
| Indianapolis.....  | Indiana.....                                              | Chicago.....                 | 10,301,947.45    |
| Knoxville.....     | Southern States*.....                                     | Washington.....              | 8,028,225.34     |
| Louisville.....    | Kentucky.....                                             | Chicago.....                 | 3,985,267.53     |
| Milwaukee.....     | Minnesota, Dakotas, Wisconsin.....                        | Chicago.....                 | 7,121,106.28     |
| New York.....      | East New York, East New Jersey.....                       | New York City.....           | 6,886,104.11     |
| Philadelphia.....  | East Pennsylvania, West New Jersey.....                   | Philadelphia.....            | 7,805,001.62     |
| Pittsburgh.....    | West Pennsylvania.....                                    | Philadelphia.....            | 6,454,150.20     |
| San Francisco..... | Pacific Coast.....                                        | San Francisco.....           | 4,863,012.72     |
| Topeka.....        | Colorado, Kansas, Missouri, New Mexico.....               | Chicago.....                 | 15,951,128.96    |
| Washington.....    | Delaware, Maryland, Virginia, W. Va., D. C., Foreign..... | Washington.....              | 8,061,018.51     |
| Total.....         |                                                           |                              | \$138,491,822.48 |

\* Excepting the States in the Louisville and Washington districts.

The expenses of the Pension Bureau and of pension agencies in disbursing the pension fund during the fiscal year were \$3,590,529.12. From 1866 to 1902 inclusive, this expense has been \$77,016,214.68. The names of the pension agents will be found in the list of officials of the Federal Government.

PENSIONERS IN EACH STATE AND TERRITORY.

|                 |        |               |        |                |        |                |         |                 |         |
|-----------------|--------|---------------|--------|----------------|--------|----------------|---------|-----------------|---------|
| Alabama.....    | 3,694  | Idaho.....    | 1,736  | Michigan.....  | 43,833 | N. Car'a.....  | 4,033   | Utah.....       | 886     |
| Alaska T.....   | 87     | Illinois..... | 72,026 | Minn.....      | 16,786 | N. Dak.....    | 1,945   | Vermont.....    | 8,925   |
| Arizona T.....  | 768    | Indiana.....  | 66,586 | Miss.....      | 4,576  | Ohio.....      | 104,060 | Virginia.....   | 9,238   |
| Arkansas.....   | 11,046 | Indian T..... | 3,396  | Missouri.....  | 52,813 | Okl. T.....    | 5,641   | Washing'n.....  | 7,316   |
| California..... | 20,229 | Iowa.....     | 37,364 | Montana.....   | 1,776  | Oregon.....    | 5,647   | West Va.....    | 12,553  |
| Colorado.....   | 8,352  | Kansas.....   | 40,765 | Nebras'a.....  | 17,364 | Penn'a.....    | 103,697 | Wisconsin.....  | 27,910  |
| Conn.....       | 12,040 | Kentuc'y..... | 28,437 | Nevada.....    | 309    | R. Island..... | 4,826   | Wyoming.....    | 883     |
| Delaware.....   | 2,722  | Louis'a.....  | 6,347  | N. Hamp.....   | 8,742  | S. Car'a.....  | 1,926   | Insul. Pos..... | 86      |
| D. of Col.....  | 8,720  | Maine.....    | 19,668 | N. Jersey..... | 20,669 | S. Dak.....    | 5,167   | Foreign.....    | 4,609   |
| Florida.....    | 3,092  | Maryl'd.....  | 12,852 | N. Mex.....    | 1,781  | Tenn.....      | 18,466  |                 |         |
| Georgia.....    | 3,606  | Mass.....     | 39,725 | N. York.....   | 88,269 | Texas.....     | 8,456   | Total.....      | 999,446 |

The oldest pensioner on the rolls June 30, 1902, was Hiram Cronk, aged 102 years, who resided at Ava, Oneida County, N. Y.

WIDOWS OF REVOLUTIONARY SOLDIERS ON PENSION ROLLS JUNE 30, 1902.

| NAME OF WIDOW.       | Age. | Name of Soldier.    | Service of Soldier.     | Widow's Residence.  |
|----------------------|------|---------------------|-------------------------|---------------------|
| Damon, Esther S..... | 88   | Damon, Noah.....    | Massachusetts troops..  | Plymouth Union, Vt. |
| Jones, Nancy.....    | 88   | Darling, James..... | North Carolina troops.. | Jonesboro, Tenn.    |
| Mayo, Rebecca.....   | 89   | Mayo, Stephen.....  | Virginia troops.....    | Newbern, Va.        |
| Snead, Mary.....     | 85   | Snead, Bowdoin..... | Virginia troops.....    | Parkley, Va.        |

It will be seen that it is possible that the widow of a Revolutionary soldier may be drawing a pension in the year 1916. For a similar reason the widow of a veteran of the late Civil War may be living in 2002, and of the war with Spain in 2050. Daniel F. Bakeman, the last survivor of the War of the Revolution, died in Freedom, Cattaraugus County, N. Y., April 5, 1869, aged 109 years.

SURVIVOR OF THE WAR OF 1812 ON PENSION ROLLS JUNE 30, 1902.

| NAME.             | Age. | Service (troops). | Town.    | State.    |
|-------------------|------|-------------------|----------|-----------|
| Cronk, Hiram..... | 102  | New York.....     | Ava..... | New York. |

Mrs. U. S. Grant and Mrs. J. A. Garfield receive pensions of \$5,000 a year; Mrs. Phil. Sheridan has \$2,500; eight, including Mrs. John C. Fremont, Mrs. Logan, and Mrs. George B. McClellan, receive \$2,000 a year, and forty-five receive \$1,200 a year. Among these are the widows of Generals Gresham, Custer, Doubleday, Hartranft, Robert Anderson, Casey, Gibbon, Kilpatrick, Mower, Paul Ricketts, Warren, and Rousseau, and Admiral Wilkes. Among the notable pensioners who receive pensions of \$100 a month are ex-Senator John M. Thayer, of Lincoln, Neb., and John C. Black, of Chicago.

The following are the ratings per month for disabilities incurred in the service:

**Army.**—Lieutenant-colonel and all officers of higher rank, \$30; major, surgeon, and paymaster, \$25; captain and chaplain, \$20; first lieutenant and assistant surgeon, \$17; second lieutenant and enrolling officer, \$15; enlisted men, \$8.

**Navy.**—Captain and all officers of higher rank, commander, surgeon, paymaster, and chief engineer, \$30; lieutenant, passed assistant surgeon, surgeon, paymaster, and chief engineer, \$25; master, professor of mathematics, and assistant surgeon, \$20; first assistant engineer, ensign, and pilot, \$15; cadet midshipman, passed midshipman, midshipman, warrant officers, \$10; enlisted men, \$8.

## United States Forestry Statistics.

(Corrected for THE WORLD ALMANAC by Gifford Pinchot, Chief of the Bureau of Forestry, U. S. Department of Agriculture.)

### FOREST AREA.

The total woodland area in the United States is estimated at 1,094,514 square miles, or about 699,500,000 acres, which is 36½ per cent of the total land area. Alaska not included. — *Gannett*.

The lumber industry of the United States, taken as a whole, was in 1900 the fourth among the great manufacturing industries of the country. According to the figures of the Census of 1900 there were 33,035 establishments, with a total capital of \$611,611,524. They employed, exclusive of the administrative and clerical force, 283,260 wage-earners, an average of 8.6 employes per establishment, and paid in wages \$104,640,591. The average wages per wage-earner was \$:70, and per establishment, \$3,171. The amount of lumber produced by the mills was 35,084,166,000 feet B. M. The cost of materials used was \$317,923,548, and the value of products was \$566,832,984. The product per establishment was \$17,177, and per employé, \$2,003. The average product per mill was a little over a million feet. The value of lumber products is estimated to have increased 29 per cent during the past decade.

At the present rate of cutting the forest land of the United States cannot long meet the enormous demand made upon it. By far the greater part of the white pine has been cut, and vast inroads have been made into the supply of other valuable timbers. In many sections of the country more timber falls by fire than by the axe. The average annual loss from fire is not less than \$20,000,000.

### FOREST PRESERVATION.

For the preservation of the forests the State of New York first instituted a Forest Commission in 1855. Several radical changes have been made in the law, which now provides for a "Forest, Fish, and Game Commission," to which is delegated the enforcement of the fish and game laws, the care of the Adirondack Park, and the State Forest Preserve. The Legislature of 1897 authorized the purchase of lands in the Adirondacks as an addition to the Park and Forest Reserve to the amount of \$1,000,000, to which \$500,000 in 1898 and \$300,000 in 1899 have since been added. A State College of Forestry was established in connection with Cornell University in 1898, and an experimental tract of 30,000 acres has been purchased for the use of this school. Similar schools were subsequently established at Yale and at Ellimore, N. C.

Better methods of handling forest lands have been introduced on 372,463 acres of forests, under the direction of the Bureau of Forestry, U. S. Department of Agriculture.

The Pennsylvania Legislature of 1897, in order to conserve the water supply, provided for the purchase of three forest reserves of not less than 40,000 acres each, at the heads of the three principal river systems of the State, and in accordance with this and other acts this State has of late been actively acquiring land, until at present it possesses about 400,000 acres. Pennsylvania also, in its legislation of 1897, vigorously grappled with the problem of forest fires. Minnesota long took the lead in the excellence of a forest fire law, having a Chief Fire Warden charged with the law's execution. New York also, among changes made in its forest, fish, and game law of 1901, authorized the appointment of a Chief Fire Warden. Maine and New Hampshire are other States possessing progressive fire laws. Michigan, in 1899, appointed a commission to study the forest question and select land for a State forest reserve, and in 1901 certain lands were accordingly withdrawn. Wisconsin has also taken the initiatory steps toward the adoption of an advanced forest policy. The States having offices for forest work are Connecticut, Indiana, Kansas, Maine, Maryland, Michigan, Minnesota, New Hampshire, New Jersey, New York, North Carolina, North Dakota, Oregon, Pennsylvania, West Virginia, and Wisconsin.

A national organization known as the American Forestry Association, composed of delegates from the States, meets annually. F. H. Newell, Washington, D. C., is Corresponding Secretary. Local or State Associations have been formed in California, Connecticut, Colorado, Iowa, New York, Pennsylvania, Massachusetts, North Carolina, Tennessee, Washington, Minnesota, Utah, and North Dakota.

By the act of March 3, 1891, the President is authorized to make public forest reserves. Fifteen such reserves, comprising 13,457,080 acres, were established under President Harrison in Colorado, Wyoming, New Mexico, Oregon, California, Alaska, Washington, and Arizona. In September, 1893, President Cleveland established two more forest reserves in Oregon, amounting to 4,443,000 acres. On February 22, 1897, he proclaimed thirteen additional reserves in Oregon, California, Idaho, Montana, Washington, South Dakota, Wyoming, and Utah, with an aggregate area of 21,448,200 acres, making the total area of forest reserves created during his administration 25,891,200 acres.

These reservations were made upon the recommendation of a committee of the National Academy of Sciences after thoroughly investigating the subject at the request of the Secretary of the Interior. The Sundry Civil bill which passed Congress June 4, 1897, temporarily suspended the reservations of February 22, until the act of March 1, 1898, ordered their survey by the Director of the Geological Survey, and appropriated \$150,000 therefor. The bill provides that lands more suitable for agriculture than for forestry shall be permanently restored to the public domain. It also authorizes the Secretary of the Interior to formulate such rules and regulations for the care and management of the forest reservations as may in his judgment be necessary. Since its passage extensive additional areas have been reserved, and the attitude of the West toward the reserves has radically changed for the better. Forest reserves were created by President McKinley in California, Oregon, Arizona, New Mexico, South Dakota, Wyoming, Utah, Montana, Washington, and Oklahoma, during the period from March, 1898, to August, 1901, with a total area of 7,050,989 acres. President Roosevelt, from October, 1901, to September, 1902, proclaimed reserves in Colorado, California, Arizona, Nebraska, Wyoming, Oregon, New Mexico, Montana, and Alaska, amounting to 9,257,916 acres. The total area of the forest reserves was, on September 4, 1902, 60,162,525 acres.

The national parks were created during the period from 1872 to 1899. They have a total area of 3,494,836 acres. The more important ones are the Yellowstone National Park in Montana and Wyoming, Sequoia National Park, General Grant National Park, and Yosemite National Park in California, and the Mt. Rainier National Park in Washington.

### ARBOR DAY.

The individual States have striven to encourage tree-planting by appointing a certain day in the year, to be known as Arbor Day, for the voluntary planting of trees by the people. All the States and Territories except Delaware and the Indian Territory have since then, by legislative enactment or otherwise, established an annual Arbor Day. (See "Legal Holidays.")

## The United States Census.

THE Twelfth Census of the United States was taken under the act of Congress approved March 3, 1899.

The statistics gathered are now in course of preparation for publication by the Census Office at Washington. Reports upon population, manufactures, agriculture, and vital statistics have already been made public, and summaries of their contents will be found on other pages of THE WORLD ALMANAC.

The subjects covered by the Twelfth Census were not as numerous as those undertaken by the Eleventh Census. The census proper was limited to four general subjects, namely, population, agriculture, vital statistics, and manufactures. The act provided that the reports of these subjects shall be designated as and constitute the "Census Reports," and required that such reports shall be published not later than the 1st of July, 1902.

After the work on the four general subjects above referred to should be completed the Director of the Census was authorized to collect statistics relating to special classes, including the insane, feeble-minded, deaf, dumb, and blind; to crime, pauperism, and benevolence, including prisoners, paupers, juvenile delinquents, and inmates of benevolent and reformatory institutions; to deaths and births in registration areas; to social statistics of cities; to public indebtedness, valuation, taxation, and expenditures; to religious bodies; to electric light and power, telephone, and telegraph business; to transportation by water, express business, and street railways; to mines, mining, and minerals. The reports on these subjects shall be designated as "Special Reports of the Census Office."

The following general officers superintended the taking of the census: William R. Merriam, of St. Paul, Minn., Director; Dr. F. H. Wines, of Illinois, Assistant Director; W. C. Hunt, of the District of Columbia, Chief Statistician in charge of the Population Division; L. G. Powell, of Minnesota, Chief Statistician in charge of the Agricultural Division; S. N. D. North, of Massachusetts, Chief Statistician in charge of Manufactures; W. A. King, of the District of Columbia, Chief Statistician in charge of Vital Statistics; Prof. W. A. Wilcox, of Cornell University, Chief Statistician in charge of Methods and Results; Edward McCauley, District of Columbia, Disbursing Clerk; A. F. Childs, District of Columbia, Chief Clerk, and Henry Gannett, District of Columbia, Geographer.

Congress by act approved March 3, 1902, made the Census Office a permanent establishment. The act provided that the work pertaining to the Twelfth Census should be carried on under the existing organization until July 1, 1902, when the permanent census office herein provided for should be organized by the Director of the Census. The permanent office shall be in charge of the Director of the Census, appointed by the President, with the consent of the Senate. His annual salary shall be \$6,000. The office force shall consist of four chief statisticians and a corps of clerks, and special agents may be employed. All the provisions of the former act of 1899 not inconsistent with this act shall remain in full force for the taking of the Thirteenth and subsequent censuses. The statistics of special classes, and of crime, pauperism, and benevolence, shall be restricted to institutions containing such classes, and the Director of the Census is authorized and directed to collect statistics relating to all of the deaf, dumb, and blind, notwithstanding the restrictions and limitations contained in the act of 1899; provided that in taking the census of said classes the inquiries shall be confined to the following four questions, namely: Name, age, sex, and post-office address. Provisions are made for the annual collection of statistics of births and deaths in the registration areas, the collection of statistics of manufactures in 1905 and decennially thereafter, and the annual collection of statistics of the cotton production of the country as returned by the ginners. Bulletins giving the results of the latter collection shall be issued weekly from September 1 of each year until February 1 following. The census printing office is abolished and the work turned over to the Public Printer.

## The American Indian.

THE annual reports of the agents of the United States Bureau of Indian Affairs in 1900 showed that the Indian population was 270,544, distributed in the several States as follows:

|                  |        |                  |        |                      |        |                     |         |
|------------------|--------|------------------|--------|----------------------|--------|---------------------|---------|
| Arizona .....    | 40,189 | Kansas .....     | 1,211  | New York .....       | 5,334  | Utah .....          | 2,115   |
| California ..... | 11,431 | Michigan .....   | 7,557  | North Carolina ..... | 1,436  | Washington .....    | 9,827   |
| Colorado .....   | 995    | Minnesota .....  | 8,952  | North Dakota .....   | 8,276  | Wisconsin .....     | 10,726  |
| Florida .....    | 575    | Montana .....    | 10,076 | Oklahoma .....       | 13,926 | Wyoming .....       | 1,642   |
| Idaho .....      | 3,557  | Nebraska .....   | 3,854  | Oregon .....         | 4,063  | Miscellaneous ..... | 849     |
| Indian Ter ..... | 86,265 | Nevada .....     | 8,321  | South Dakota .....   | 19,212 |                     |         |
| Iowa .....       | 385    | New Mexico ..... | 9,480  | Texas .....          | 290    | Total .....         | 270,544 |

Of the above 98,199 were citizen's dress and 32,846 were a mixture of Indian and civilized clothing. Those who could read numbered 46,044 and 57,975 could carry on an ordinary conversation in English.

### INDIAN POPULATION IN DETAIL IN 1890.

The total Indian population of the United States, exclusive of Alaska, but including 32,567 counted in the general census, being the taxed or taxable Indians, numbered in 1890 249,273. The following table gives the division of the Indians in detail at the time of that census. The expenditures of the United States on account of the Indians in the fiscal year ended June 30, 1902, were \$10,049,584.86. The expenditures from 1789 to 1902 inclusive have been \$389,282,361. The appropriation made by the Fifty-seventh Congress for Indian schools was \$1,240,000. These schools are at Albuquerque, N. M.; Chamberlain, S. Dak.; Cherokee, N. C.; Carlisle, Pa.; Carson City, Nev.; Chilocco, Okla.; Genoa, Neb.; Hampton, Va.; Lawrence, Kan., and twenty-four other places.

Indians on reservations or at school, under control of the Indian office (not taxed or taxable).. 133,382  
Indians incidentally under the Indian office, and self-supporting;

The five civilized tribes, Indians and colored—Cherokees, 29,599; Chickasaws, 7,182; Choctaws, 14,397; Creeks, 14,632; Seminoles, 2,561; total, 68,371. Total Indians, 52,065; total colored Indian citizens and claimants, 14,224; grand total..... 66,289

Pueblos of New Mexico..... 8,278

Six Nations, Saint Regis, and other Indians of New York..... 5,304

Eastern Cherokees of North Carolina..... 2,885

Indians taxed or taxable, and self-sustaining citizens, counted in the general census (98 per cent not on reservations)..... 32,567

Indians under control of the War Dept's, prisoners of war (Apaches at Mt. Vernon Barracks).... 384

Indians in State or Territorial prisons..... 184

Total..... 249,273

## Labor Legislation.

### ANTI-BOYCOTTING AND ANTI-BLACKLISTING LAWS.

The States having laws prohibiting *boycotting* in terms are Illinois and Wisconsin.

The States having laws prohibiting *blacklisting* in terms are Alabama, Colorado, Connecticut, Florida, Georgia, Illinois, Indiana, Iowa, Kansas, Minnesota, Missouri, Montana, Nevada, North Dakota, Oklahoma, Texas, Utah, Virginia, Washington, and Wisconsin.

The following States have laws which may be fairly construed as prohibiting *boycotting*: Alabama, Connecticut, Florida, Georgia, Maine, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, New Hampshire, New York, North Dakota, Oklahoma, Oregon, South Dakota, Texas, Utah, Vermont, and Wisconsin.

The following States have laws which may be fairly construed as prohibiting *blacklisting*: Georgia, Michigan, New Hampshire, New York, Oklahoma, Oregon, Rhode Island, and South Dakota.

In the following States it is unlawful for any employer to exact an agreement, either written or verbal, from an employé not to join or become a member of any labor organization, as a condition of employment: California, Colorado, Connecticut, Idaho, Indiana, Massachusetts, Minnesota, Missouri, New Jersey, New York, Ohio, Pennsylvania, and Wisconsin.

THE WORLD ALMANAC is indebted to Commissioner Wright, of the U. S. Department of Labor, for the summary of eight hours, anti-boycotting, and anti-blacklisting laws, revised to date.

### EIGHT-HOUR LAWS.

**Arkansas.**—Eight hours of labor constitute a day's work on public roads, highways, and bridges.

**California.**—Eight hours of labor constitute a day's work, unless it is otherwise expressly stipulated by the parties to a contract. The time of service of all laborers, workmen, and mechanics employed upon any public works of, or work done for, the State, or for any political sub-division thereof, whether the work is to be done by contract or otherwise, is limited and restricted to eight hours in any one calendar day, and a stipulation that no workman, laborer, or mechanic in the employ of the contractor or sub-contractor shall be required or permitted to work more than eight hours in any one calendar day, except in cases of extraordinary emergency, shall be contained in every contract to which the State or any political sub-division thereof is a party. In the case of drivers, conductors, and gripmen of street-cars for the carriage of passengers, a day's work consists of twelve hours. Employment of minors under the age of eighteen in any place of labor for more than nine hours in any one day prohibited, except when necessary to make repairs to prevent the interruption of the ordinary running of the machinery, or when a different apportionment of the hours of labor is made for the sole purpose of making a shorter day's work for one day of the week; and in no case must the hours of labor for such minors exceed fifty-four hours in a week. This does not apply to those engaged in vinicultural or horticultural pursuits, or in domestic or household occupations.

**Colorado.**—Eight hours constitute a day's work for all workmen employed by the State, or any county, township, school district, municipality, or incorporated town.

**Connecticut.**—Eight hours of labor constitute a lawful day's work unless otherwise agreed.

**District of Columbia.**—Eight hours constitute a day's work for all laborers or mechanics employed by or on behalf of the District of Columbia.

**Idaho.**—Eight hours' actual work constitute a lawful day's work on all State, county, and municipal works.

**Illinois.**—Eight hours are a legal day's work in all mechanical employments, except on farms, and when otherwise agreed; does not apply to service by the day, week, or month, or prevent contracts for longer hours.

**Indiana.**—Eight hours of labor constitute a legal day's work for all classes of mechanics, workmen, and laborers, excepting those engaged in agricultural and domestic labor. Overwork by agreement and for extra compensation is permitted. The employment of persons under fourteen years of age for more than eight hours per day is absolutely prohibited.

**Kansas.**—Eight hours constitute a day's work for all laborers, mechanics, or other persons employed by or on behalf of the State or any county, city, township, or other municipality.

**Maryland.**—No mechanic or laborer employed by or on behalf of the city of Baltimore shall be required to work more than eight hours as a day's labor.

**Massachusetts.**—Eight hours shall constitute a day's work for all laborers, workmen, and mechanics employed by or on behalf of any city or town in the Commonwealth upon acceptance of the statute by a majority of voters present and voting upon the same at any general election. Employment of minors under eighteen years of age and women in mercantile establishments for more than fifty-eight hours in any one week is prohibited. This does not apply during the month of December in each year to persons employed in shops for the sale of goods at retail.

**Minnesota.**—Eight hours constitute a day's labor for all laborers, workmen, and mechanics employed by or on behalf of the State, whether the work is done by contract or otherwise.

**Missouri.**—Eight hours constitute a legal day's work. The law does not prevent an agreement to work for a longer or a shorter time and does not apply to laborers and farm hands in the service of farmers or others engaged in agriculture.

**Montana.**—Eight hours constitute a legal day's work for persons engaged to operate or handle any first-motion or direct-acting hoisting engine, or any geared or indirect-acting hoisting engine at any mine employing fifteen or more men underground when the duties of fireman are performed by the person so engaged; also for any stationary engineer operating a stationary engine developing fifty or more horse-power when such engineer has charge or control of a boiler or boilers in addition to his other duties. The law applies only to such steam plants as are in continuous operation or are operated twenty or more hours in each twenty-four hours, and does not apply to persons running any engine more than eight hours in each twenty-four for the purpose of relieving another employé in case of sickness or other unforeseen cause. Eight hours constitute a day's labor upon roads and highways.

**Nebraska.**—Eight hours constitute a legal day's work for all classes of mechanics, servants, and laborers, except those engaged in farm or domestic labor.

**New Jersey.**—Eight hours constitute a day's labor on any day whereon any general or municipal election shall be held.

**New Mexico.**—Eight hours are required as a day's labor on public roads and highways.

**New York.**—Eight hours constitute a day's work for all classes of employés, except in farm or domestic labor. Overwork for extra pay is permitted, except upon work by or for the State or a municipal corporation, or by contractors or sub-contractors therewith. The law applies to those employed by the State or municipality, or by persons contracting for State work, and each contract to which the

## LABOR LEGISLATION—Continued.

State or a municipal corporation is a party shall contain a stipulation that no workman, laborer, or mechanic in the employ of the contractor, sub-contractor, etc., shall be permitted or required to work more than eight hours in any one calendar day, except in cases of extraordinary emergency.

**Ohio.**—Eight hours shall constitute a day's work in all engagements to labor in any mechanical, manufacturing, or mining business, unless otherwise expressly stipulated in the contract. But in case of conductors, engineers, firemen, or trainmen of railroads, a day's work consists of ten hours. The service of all laborers, workmen, and mechanics employed upon any public work of, or work done for the State, or for any political subdivision thereof, is limited and restricted to eight hours in any one calendar day.

**Pennsylvania.**—Eight hours of labor shall be deemed and held to be a legal day's work in all cases of labor and service by the day where there is no agreement or contract to the contrary. This does not apply to farm or agricultural labor by the year, month, or week, to labor in factories, laundries, and renovating establishments, or to labor on street railroads.

Eight hours out of the twenty-four shall make and constitute a day's labor in penitentiaries and reformatory institutions receiving support from the State, also for all mechanics, workmen, and laborers in the employ of the State, or of any municipal corporation therein, or otherwise engaged on public works; this shall be deemed to apply to mechanics, workmen, or laborers in the employ of persons contracting with the State or any municipal corporation therein, for the performance of public work.

**Tennessee.**—Eight hours shall be a day's work upon the highways, whether performed by convicts or free road hands.

**Utah.**—Eight hours constitute a day's work upon all public works and in all underground mines or workings, smelters, and all other institutions for the reduction or refining of ores.

**Washington.**—Eight hours in any calendar day shall constitute a day's work on any work done for the State, county, or municipality. In cases of extraordinary emergency overtime may be worked for extra pay.

**West Virginia.**—Eight hours shall constitute a day's work for all laborers, workmen, and mechanics who may be employed by or on behalf of the State.

**Wisconsin.**—In all engagements to labor in any manufacturing or mechanical business, where there is no express contract to the contrary, a day's work shall consist of eight hours; but the law does not apply to contracts for labor by the week, month, or year. In all manufactories, workshops, or other places used for mechanical or manufacturing purposes, the time of labor of women employed therein shall not exceed eight hours in the day. No person under the age of sixteen years shall be employed, required, permitted, or suffered to work for wages at any gainful occupation longer than ten hours in any one day.

**Wyoming.**—Eight hours' actual work constitute a legal day's work in all mines and public works.

**United States.**—Eight hours shall constitute a day's work for all laborers, workmen, and mechanics who may be employed by or on behalf of the United States.

## General Labor Organizations.

## AMERICAN FEDERATION OF LABOR.

PRESIDENT, Samuel Gompers, 423 G Street, N. W., Washington, D. C.; Secretary, Frank Morrison, same address; Treasurer, John E. Lennon, Bloomington, Ill.; First Vice-President, James Dunne, Boston, Mass.; Second Vice-President, John Mitchell, Indianapolis, Ind.; Third Vice-President, James O'Connell, Washington, D. C.; Fourth Vice-President, Max Morris, Denver, Col.; Fifth Vice-President, Thomas I. Kidd, Chicago, Ill.; Sixth Vice-President, Denis D. Hayes, Philadelphia, Pa. The Federation is composed of 96 affiliated national unions, 27 State branches, 406 city central unions, and 1,378 local unions. The aggregate membership is 2,000,000. The affiliated unions publish about 235 weekly or monthly papers, devoted to the cause of labor. The official organ is the *American Federationist*, edited by Samuel Gompers. About 900 organizers of local unions are acting under the orders of the Federation. The objects and aims of the American Federation of Labor are officially stated to be to render employment and the means of subsistence less precarious by securing to the workers an equitable share of the fruits of their labor.

## NATIONAL AND INTERNATIONAL UNIONS COMPRISING THE AMERICAN FEDERATION OF LABOR.

Actors' National Protective Union.  
Allied Metal Mechanics, International Ass'n of.  
Bakers and Confectioners' International Union,  
Journeyman.  
Barbers' International Union, Journeyman.  
Blacksmiths, International Brotherhood of.  
Blast Furnace Workers and Smelters of America.  
Boiler-Makers and Iron Shipbuilders, Brotherhood of.  
Bookbinders, International Brotherhood of.  
Boot and Shoe Workers' Union.  
Brewery Workmen, International Union of United.  
Brickmakers' National Alliance.  
Broommakers, International.  
Carpenters and Joiners of America, United Brotherhood of.  
Carpenters and Joiners, Amalgamated Society of.  
Carriage and Wagon Makers' Union, International.  
Carvers' Association of North America, International Wood.  
Car Workers, International Association of.  
Chainmakers' National Union of United States of America.  
Cigar-Makers' International Union of America.  
Clerks' International Protective Ass'n, Retail.  
Cloth Hat and Cap Makers of North America, United.

Clothing Makers' Union of America.  
Coopers' International Union of North America.  
Coremakers' International Union.  
Curtain Operatives of America, Amalgamated Lace.  
Drivers' International Union, Team.  
Electrical Workers of America, International Brotherhood of.  
Engineers, National Brotherhood of Coal-Hoisting.  
Engineers, International Union of Steam.  
Engineers, Amalgamated Society of.  
Engravers, International Ass'n of Watch-Case.  
Firemen, International Brotherhood of Stationary.  
Filters and Helpers, National Association of Steam and Hot Water.  
Garment Workers of America, United.  
Garment Workers' Union, International Ladies'.  
Glass Bottle-Blowers' Association.  
Glass (Window) Snappers' Protective Association of America.  
Glass Workers' International Association, Amalgamated.  
Glass Workers' Union, American Flint.  
Gold Beaters' National Protective Union of America, United.  
Granite Cutters' National Union.  
Grinders' National Union, Table Knife.

## GENERAL LABOR ORGANIZATIONS—Continued.

|                                                                                  |                                                                                          |
|----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| Hatters, United, of North America.                                               | Plate Printers' Union of North America, International, Steel and Copper.                 |
| Horseshoers, International Union of Journeymen.                                  | Plumbers, Gas Fitters, Steam Fitters, and Steam Fitters' Helpers, United Association of. |
| Hotel and Restaurant Employes' International Alliance.                           | Print Cutters' Association of America, National.                                         |
| Iron and Steel Workers' Amalgamated Ass'n.                                       | Printing Pressmen's Union, International.                                                |
| Jewelry Workers' Union of America, Amalgamated.                                  | Potters, National Brotherhood of Operative.                                              |
| Lathers, Wood, Wire, and Metal.                                                  | Powder and High Explosive Workers of America, International.                             |
| Laundry Workers' International Union, Shirt, Waist and.                          | Railroad Telegraphers, Order of.                                                         |
| Leather Workers on Horse Goods, International Brotherhood of.                    | Railway Employes of America, Amalgamated Association of Street.                          |
| Leather Workers' Union of America, Amalgamated.                                  | Railway Trackmen, Brotherhood of.                                                        |
| Longshoremen's International Association.                                        | Saw Smiths' Union of North America.                                                      |
| Machine Printers and Color Mixers of the United States, National Association of. | Seamen's Union, International.                                                           |
| Machinists' International Association.                                           | Spinners' Association, Cotton Mule.                                                      |
| Marble Workers, International Association of.                                    | Stage Employes' International Alliance, Theatrical.                                      |
| Meat Cutters and Butcher Workmen, Amalgamated Association of.                    | Stereotypers and Electotypers' Union of North America, International.                    |
| Metal Polishers, Buffers, Platers, and Brass Workers.                            | Stove Mounters' International Union.                                                     |
| Metal Workers, Sheet, International Ass'n of.                                    | Tailors' Union of America, Journeymen.                                                   |
| Metal Workers' International Union, United.                                      | Textile Workers of America, International Union of.                                      |
| Mine Workers of America, United.                                                 | Tile-Layers' Union, International Mosaic and Encaustic.                                  |
| Mine Workers' Progressive Union, Northern Mineral.                               | Tin-Plate Workers' International Protective Union of America.                            |
| Moulders, Iron, Union of America.                                                | Tobacco Workers' International Union.                                                    |
| Musicians, American Federation of.                                               | Trunk and Bag Workers' International Union.                                              |
| Oil and Gas Well Workers, International Brotherhood of.                          | Tube Workers of the United States and Canada, International Association of.              |
| Painters, Decorators, and Paperhangers of America, Brotherhood of.               | Typographical Union, International.                                                      |
| Paper-Makers of America, United Brotherhood of.                                  | Upholsterers' International Union of North America.                                      |
| Pattern-Makers' League of North America.                                         | Weavers' Amalgamated Association, Elastic Goring.                                        |
| Paving Cutters' Union of the United States of America.                           | Weavers' Protective Association, American Wire.                                          |
| Piano and Organ Workers' Union of America, International.                        | Wood-Workers' International Union of America, Amalgamated.                               |

## NATIONAL UNIONS

## NOT AFFILIATED WITH THE AMERICAN FEDERATION OF LABOR.

Brotherhood of Locomotive Firemen.  
 Brotherhood of Railroad Trainmen.  
 Brotherhood of Railroad Conductors.  
 Brotherhood of Locomotive Engineers.  
 Brotherhood of Railroad Switchmen.

Stone Cutters' Association.  
 Bricklayers and Masons' Union.  
 Brotherhood of Operative Plasterers.  
 National Association of Letter Carriers.  
 Post-Office Clerks' National Union.

## KNIGHTS OF LABOR.

General Master Workman, Henry A. Hicks, Duke Street, Kearny, N. J.; General Worthy Foreman, Arthur McConnell, Box 26, Pensacola, Fla.; General Secretary-Treasurer, John W. Hayes, 43 B Street, Washington, D. C.; General Executive Board, I. D. Chamberlain, Pueblo, Col.; Thomas J. O'Rielly, 405 Eighth Street, Brooklyn, N. Y., and I. H. Sanderson, Room 7, 75 Adelaide Street, Toronto, Ont. This organization has a membership of 40,000. General Assembly organized at Reading, Pa., in 1878.

## Permanent Board to Settle Labor Disputes.

At the conference of representatives of Capital and Labor, held in New York December 17, 1901, under the auspices of the National Civic Federation, the following Permanent Board was appointed to settle differences between employes and the labor unions:

**On Behalf of the Public.**—Grover Cleveland, Cornelius N. Bliss, Charles Francis Adams, Archbishop John Ireland, Bishop Henry C. Potter, Charles W. Eliot, President Harvard University; Franklin MacVeagh, Chicago; James H. Eckels, John J. McCook, John G. Milburn, Buffalo; Charles J. Bonaparte, Baltimore; Oscar S. Straus, Ralph M. Easley.

**Representatives of Organized Labor.**—Samuel Gompers, President of the American Federation of Labor; John Mitchell, President of the United Mine Workers; E. P. Sargent, Grand Master of the Brotherhood of Locomotive Firemen; T. J. Shaffer, President of the Amalgamated Association of Iron, Steel, and Tin Workers; James Duncan, Secretary of the Granite Cutters' Association; Daniel J. Keefe, President of the International Association of Longshoremen; Martin Fox, President of the National Iron-Moulders' Union; James E. Lynch, President of the International Typographical Union; Edward E. Clark, Grand Conductor Brotherhood of Railroad Conductors; Henry White, Secretary of the Garment Workers of America; Walter MacArthur, editor of The Coast Seaman's Journal, San Francisco; James O'Connell, President of the International Association of Machinists.

**Representative Employers.**—Senator Marcus A. Hanna, Cleveland; Charles M. Schwab, President United States Steel Corporation; S. R. Callaway, American Locomotive Works; Charles Moore, President National Tool Company; J. D. Rockefeller, Jr.; H. H. Vreeland, Metropolitan Street Railway Company; Lewis Nixon, Crescent Shipyard, Elizabethport, N. J.; James A. Chambers, President American Glass Company, Pittsburgh, Pa.; William H. Pfahler, President National Association Stove Manufacturers, Philadelphia, Pa.; E. P. Ripley, President Atchison, Topeka and Santa Fé Railway; Marcus M. Marks, President of National Association Clothing Manufacturers; J. Kruttschnitt, President of Southern Pacific Railway Company.



LIST OF BUREAUS OF LABOR AND LABOR STATISTICS IN UNITED STATES.

| LOCATION.        | Title.                                   | Organ-ized. | Chief Officer.           | Address.        |
|------------------|------------------------------------------|-------------|--------------------------|-----------------|
| District of Col. | United States Department of Labor.....   | 1885        | Carroll D. Wright...     | Washington.     |
| California.....  | Bureau of Labor Statistics.....          | 1883        | F. V. Myers.....         | San Francisco.  |
| Colorado.....    | Bureau of Labor Statistics.....          | 1887        | James T. Smith.....      | Denver.         |
| Connecticut..... | Bureau of Labor Statistics.....          | 1893        | Harry E. Back.....       | Hartford.       |
| Illinois.....    | Bureau of Labor Statistics.....          | 1879        | David Ross.....          | Springfield.    |
| Indiana.....     | Bureau of Statistics.....                | 1879        | B. F. Johnson.....       | Indianapolis.   |
| Iowa.....        | Bureau of Labor Statistics.....          | 1884        | E. D. Brigham.....       | Des Moines.     |
| Kansas.....      | Bureau of Labor Statistics.....          | 1885        | W. L. A. Johnson.....    | Topeka.         |
| Kentucky.....    | Bureau of Agriculture, Lab. & Statistics | 1876        | Lucas Moore.....         | Frankfort.      |
| Louisiana.....   | Bureau of Statistics of Labor.....       | 1900        | Thomas Harrison.....     | New Orleans.    |
| Maine.....       | Bureau of Labor Statistics.....          | 1887        | Samuel W. Matthews       | Augusta.        |
| Massachus'ts     | Bureau of Statistics of Labor.....       | 1869        | Horace G. Wadlin.....    | Boston.         |
| Missouri.....    | Bureau of Labor Statistics & Inspection  | 1879        | William Anderson.....    | Jefferson City. |
| Maryland.....    | Bureau of Industrial Statistics.....     | 1884        | Thos. A. Smith.....      | Baltimore.      |
| Michigan.....    | Bureau of Labor & Industrial Statistics  | 1883        | Scott Griswold.....      | Lansing.        |
| Minnesota.....   | Bureau of Labor.....                     | 1887        | John O'Donnell.....      | St. Paul.       |
| Montana.....     | Bureau of Agriculture, Lab. & Industries | 1893        | J. A. Ferguson.....      | Helena.         |
| Nebraska.....    | Bureau of Labor & Industrial Statistics  | 1887        | C. E. Watson.....        | Lincoln.        |
| N. Hampshire     | Bureau of Labor.....                     | 1893        | Lysander H. Carroll..... | Concord.        |
| New Jersey.....  | Bureau of Statistics of Labor & Printing | 1878        | William Stainsby.....    | Trenton.        |
| New York.....    | Department of Labor.....                 | 1883        | John McMackin.....       | Albany.         |
| N. Carolina..... | Bureau of Labor Statistics.....          | 1887        | Henry B. Varner.....     | Raleigh.        |
| North Dakota     | Department of Agriculture and Labor..    | 1890        | H. U. Thomas.....        | Bismarck.       |
| Ohio.....        | Bureau of Labor Statistics.....          | 1877        | M. D. Ratchford.....     | Columbus.       |
| Pennsylvania     | Bureau of Industrial Statistics.....     | 1872        | James M. Clark.....      | Harrisburg.     |
| Rhode Island.    | Bureau of Labor Statistics.....          | 1887        | Henry E. Tiepke.....     | Providence.     |
| Tennessee.....   | Bureau of Labor Statistics.....          | 1891        | R. E. Shiflett.....      | Nashville.      |
| Washington.....  | Bureau of Labor.....                     | 1897        | Wm. Blackman.....        | Olympia.        |
| Wisconsin.....   | Bureau of Labor Statistics.....          | 1883        | Halford Erickson.....    | Madison.        |
| Virginia.....    | Bureau of Labor & Industrial Statistics  | 1898        | James B. Boberty.....    | Richmond.       |
| West Virginia    | Bureau of Labor.....                     | 1889        | I. V. Barton.....        | Wheeling.       |

STRIKES AND LOCKOUTS IN THE UNITED STATES, 1881-1900.

(From the annual report of the United States Commissioner of Labor.)

STRIKES.

| YEAR.               | Number of Strikes. | Estab-lishments Involved. | Emplees Thrown Out of Employ-ment. | Average Duration (Days). | Wage Loss of Em-plees. | Assistance to Emplees by Labor Organi-zations. | Loss of Emplees. | PER CENT OF ESTABLISHMENTS IN WHICH STRIKES— |                    |         |
|---------------------|--------------------|---------------------------|------------------------------------|--------------------------|------------------------|------------------------------------------------|------------------|----------------------------------------------|--------------------|---------|
|                     |                    |                           |                                    |                          |                        |                                                |                  | Suc-ceeded.                                  | Suc-ceeded Partly. | Failed. |
| Total 1881 to 1900. | 22,793             | 117,509                   | 6,105,694                          | 23.8                     | \$257,863,478          | \$16,174,793                                   | \$122,731,121    | 50.77                                        | 13.04              | 36.19   |

LOCKOUTS.

|                     |       |       |         |      |              |             |              |       |      |       |
|---------------------|-------|-------|---------|------|--------------|-------------|--------------|-------|------|-------|
| Total 1881 to 1900. | 1,005 | 9,933 | 504,307 | 97.1 | \$48,819,745 | \$3,451,461 | \$13,927,933 | 50.79 | 6.28 | 42.93 |
|---------------------|-------|-------|---------|------|--------------|-------------|--------------|-------|------|-------|

The Anthracite Coal Strike of 1902.

On May 12, 1902, the miners in the anthracite coal region of Pennsylvania, members of the United Mine Workers of America, went on a strike to secure from the mine operators an advance in wages, a reduction in the hours of labor, and recognition of their union. The strike lasted five months, involving 147,000 workmen, practically closing the mines and creating a coal famine throughout the country. After various attempts to settle the trouble had failed, President Roosevelt interposed and appealed to both parties to submit their differences to arbitration.

October 13 the mine operators submitted the following proposition to the President:

"We suggest a commission be appointed by the President of the United States (if he is willing to perform that public service), to whom shall be referred all questions at issue between the respective companies and their own employes, whether they belong to a union or not, and the decision of that commission shall be accepted by us.

"The Commission to be constituted as follows:

1. An officer in the Engineer Corps of either the military or naval service of the United States.
2. An expert mining engineer, experienced in the mining of coal and other minerals, and not in any way connected with coal-mining properties, either anthracite or bituminous.
3. One of the judges of the United States courts of the Eastern District of Pennsylvania.
4. A man of prominence, eminent as a sociologist.
5. A man who, by active participation in mining and selling coal, is familiar with the physical and commercial features of the business.

"It being the understanding that immediately upon the constitution of such commission, in order that idleness and non-production may cease instantly, the miners will return to work and cease all interference with and persecution of any non-union men who are working or shall hereafter work. The findings of this Commission shall fix the date when the same shall be effective and shall govern the conditions of employment between the respective companies and their own employes for a term of at least three years."

While objecting to the form of this proposition, John Mitchell, President of the Mine Workers, finally gave it his adhesion, and his action was ratified by the Union October 21. The miners returned to work October 24. The Commission appointed by the President was as follows: 1, Brigadier-General John M. Wilson, U. S. A.; 2, Edward W. Parker, mining engineer; 3, Judge George Gray, of the U. S. Circuit Court; 4, Edgar E. Clark, sociologist; 5, Thomas H. Watkins, of Scranton, Pa. To these the President added Bishop John L. Spalding, of Peoria, Ill., and Carroll D. Wright, Commissioner of Labor. The Commission met at Washington October 24, elected Judge Gray chairman, and began its sessions and was taking evidence when this edition went to press.

## Principal Trusts in the United States.\*

(Prepared for THE WORLD ALMANAC by Byron W. Holt.)

LEADING CORPORATE INDUSTRIAL TRUSTS.† (Corrected to December 1, 1902.)

| PRESENT NAME OF TRUST.                                                      | When Organized. | Where Incorporated. | Location Main Office. | PRESENT CAPITALIZATION.‡<br>(With Rates of Interest and Dividends.) |                   |                  |
|-----------------------------------------------------------------------------|-----------------|---------------------|-----------------------|---------------------------------------------------------------------|-------------------|------------------|
|                                                                             |                 |                     |                       | Com. Stock.                                                         | Preferred Stock.§ | Bonds.           |
| Alabama Consol. Coal & Iron Co .....                                        | 1899            | N. J.               | Baltimore.....        | \$2,500,000                                                         | \$2,500,000 (7)   | \$395,000        |
| Allis-Chalmers Co. (4 heavy mach'y plants).                                 | 1901            | N. J.               | New York.....         | 20,000,000                                                          | 16,250,000 (7)    | .....            |
| Amal. Copper Co. (10 big cos.).....                                         | 1899            | N. J.               | New York.....         | 153,888,000 (2)                                                     | .....             | .....            |
| Am. Ag. Chemical Co. (29 fertilizer plants).                                | 1899            | N. J.               | New York.....         | 16,715,500                                                          | 17,153,000 (6)    | .....            |
| Am. Axe & Tool Co. (7 plants in 4 States).....                              | 1899            | Ky.                 | Pittsburgh.....       | 2,000,000                                                           | .....             | .....            |
| Am. Beet Sugar Co. (7 plants, 4,450 tons sugar daily).....                  | 1899            | N. J.               | New York.....         | 15,000,000                                                          | 4,000,000 (6)     | .....            |
| Am. Bicycle Co. (56 plants, 60 p.c. all—receivers appointed).....           | 1899            | N. J.               | New York.....         | 17,701,500                                                          | 9,294,900         | 9,500,000 (5)    |
| Am. Book Co. (school book combine).....                                     | 1890            | N. J.               | New York.....         | 5,000,000                                                           | .....             | .....            |
| Am. Brake Shoe & Foundry Co. (5 cos.).....                                  | 1902            | N. J.               | New York.....         | 1,500,000                                                           | 3,000,000 (7)     | 1,000,000 (6)    |
| Am. Brass Co. (5 Connecticut cos.).....                                     | 1900            | Ct.                 | Waterbury.....        | 10,000,000                                                          | .....             | .....            |
| Am. Can Co. (85 p.c. U. S. output, allied with U. S. Steel Cor.).....       | 1901            | N. J.               | New York.....         | 41,233,300                                                          | 41,233,300        | .....            |
| Am. Caramel Co. (consol. 3 cos.).....                                       | 1898            | Pa.                 | York.....             | 1,000,000 (6)                                                       | 1,000,000 (8)     | 575,000 (6)      |
| Am. Car & Foundry Co. (railroad cars—15 plants).....                        | 1899            | N. J.               | St. Louis.....        | 30,000,000 (2)                                                      | 30,000,000 (7)    | .....            |
| Am. Cement Co. (4 cos. in 3 States).....                                    | 1899            | N. J.               | Philadelphia.....     | 2,000,000 (8)                                                       | .....             | 930,000 (5)      |
| Am. Cereal Co. (mills and stores in U.S.).....                              | 1891            | Ohio.               | Akron.....            | 3,341,700 (8)                                                       | .....             | 1,600,000 (6)    |
| Am. Chiclet Co. (6 chewing gum cos., 85 p. c. all in U. S. and Canada)..... | 1899            | N. J.               | New York.....         | 6,000,000 (10)                                                      | 3,000,000 (6)     | .....            |
| Am. Colortype Co. (3 cos.).....                                             | 1902            | N. J.               | Newark.....           | 3,000,000                                                           | 1,000,000 (7)     | .....            |
| Am. Cotton Oil Co. (123 properties in U. S.).....                           | 1899            | N. J.               | New York.....         | 20,237,100 (6)                                                      | 10,198,600 (6)    | 3,000,000 (4½)   |
| Am. Felt Co. (5 plants and organ felt cos.).....                            | 1899            | N. J.               | New York.....         | 1,625,000                                                           | 1,625,000 (6)     | 500,000 (5)      |
| Am. Fork & Hoe Co. (13 cos., 80 p. c. all).....                             | 1902            | N. J.               | New York.....         | 1,661,300                                                           | 1,928,800 (7)     | 800,000 (6)      |
| Am. Glue Co. (4 cos. in East and West).....                                 | 1894            | N. J.               | Boston.....           | 5,000,000                                                           | 1,600,000 (8)     | .....            |
| Am. Graphophone Co. (many cos. in U. S. and Europe).....                    | 1887            | W. Va.              | Washington.....       | 1,199,856                                                           | 800,000 (7)       | 400,000 (5)      |
| Am. Grass Twine Co. (U. S. and foreign cos.).....                           | 1899            | Del.                | New York.....         | 13,083,000                                                          | .....             | .....            |
| Am. Hide and Leather Co. (30 cos., 75 p. c. upper leather).....             | 1899            | N. J.               | New York.....         | 11,500,000                                                          | 13,000,000        | 8,525,000 (6)    |
| Am. Hominy Co. (8 cos.).....                                                | 1902            | N. J.               | Chicago.....          | 2,600,000                                                           | 1,250,000 (6)     | 1,250,000 (5)    |
| Am. Ice Co. (in Eastern cities).....                                        | 1899            | N. J.               | New York.....         | 25,000,000                                                          | 15,000,000        | 4,940,000 (5)    |
| Am. Iron & Steel Mfg. (5 Lebanon and Reading cos.).....                     | 1899            | Pa.                 | Lebanon.....          | 17,000,000 (2)                                                      | 3,000,000 (5)     | .....            |
| Am. Inlined Co. (8 cos.).....                                               | 1898            | N. J.               | New York.....         | 16,750,000                                                          | 16,750,000        | .....            |
| Am. Lithographic (business in big cities).....                              | 1896            | N. J.               | New York.....         | 2,670,100                                                           | .....             | 2,284,000 (6)    |
| Am. Locomotive Co. (8 cos., 1,700 locomotives yearly, ½ of all).....        | 1901            | N. Y.               | New York.....         | 25,000,000                                                          | 24,100,000 (7)    | 1,512,500 (5, 6) |
| Am. Milling Co. (41 elevator and 36 other plants).....                      | 1897            | N. J.               | New York.....         | 14,500,000                                                          | 14,440,000        | 3,893,000 (6)    |
| Am. Packing Co. (90 p. c. canned tomatoes).....                             | 1902            | Del.                | .....                 | 20,000,000                                                          | .....             | .....            |
| Am. Perfume Co. (15 cos.).....                                              | 1902            | N. J.               | .....                 | 5,000,000                                                           | .....             | .....            |
| Am. Pneumatic Service Co. (4 or more cos.).....                             | 1899            | N. J.               | Boston.....           | 4,727,650                                                           | 4,083,300         | 518,000 (6)      |
| Am. Radiator Co. (75 p. steam and water heating apparatus).....             | 1899            | N. J.               | Chicago.....          | 4,893,000                                                           | 3,000,000 (7)     | .....            |
| Am. Ry. Equipment Co. (to control all cos.).....                            | 1899            | .....               | Chicago.....          | 12,000,000                                                          | 10,000,000 (7)    | .....            |
| Am. School Furniture Co. (26 cos. making desks, etc.).....                  | 1899            | N. J.               | New York.....         | 4,878,300                                                           | 3,977,800 (7)     | 1,500,000        |
| Am. Sewer Pipe Co. (29 cos., 85 p. c. U. S. product).....                   | 1900            | N. J.               | Pittsburgh.....       | 7,795,700                                                           | .....             | 1,648,500 (6)    |
| Am. Shipbuilding Co. (7 cos., etc., on G. L.).....                          | 1899            | N. J.               | Cleveland.....        | 7,600,000 (4)                                                       | 7,900,000 (7)     | .....            |
| Am. Smelt. & Refn. Co. (14 cos., lead trust).....                           | 1899            | N. J.               | New York.....         | 50,000,000                                                          | 50,000,000 (7)    | 995,000 (6)      |
| Am. Soda Fountain Co. (4 big cos.).....                                     | 1891            | N. J.               | Boston.....           | 1,250,000                                                           | 2,500,000 (8)     | .....            |
| Am. Steel Foundry Co. (5 big cos.).....                                     | 1902            | N. J.               | .....                 | 15,000,000                                                          | 15,500,000 (6)    | .....            |
| Am. Stove Co. (9 cos. in 3 States).....                                     | 1901            | N. J.               | St. Louis.....        | 4,024,400 (5)                                                       | .....             | .....            |
| Am. Sugar Refining Co. (over 20 refineries in U. S.).....                   | 1891            | N. J.               | New York.....         | 45,000,000 (7)                                                      | 45,000,000 (7)    | .....            |
| Am. Thread Co. (15 big cos., thread, cloth, etc.).....                      | 1898            | N. J.               | New York.....         | 4,200,000 (10)                                                      | 4,890,475 (5)     | 5,798,000 (4)    |
| Am. Type Founders Co. (23 leading cos. in U. S.).....                       | 1892            | N. J.               | Boston.....           | 4,000,000 (4)                                                       | 1,000,000 (7)     | 950,000 (6)      |
| Am. Window Glass Co. (85 p. c. U. S. prod.).....                            | 1899            | Pa.                 | Pittsburgh.....       | 13,000,000                                                          | 4,000,000 (7)     | .....            |
| Am. Woolen Co. (men's woollens).....                                        | 1899            | N. J.               | Boston.....           | 29,501,100                                                          | 20,000,000 (7)    | .....            |
| Am. Writing Paper Co. (76 p. c. U. S. product—31 plants).....               | 1899            | N. J.               | Sp'gfield, Mass.....  | 11,500,000                                                          | 12,500,000        | 17,000,000 (5)   |
| Ames Shovel & Tool Co. (5 big cos.).....                                    | 1901            | N. J.               | Boston.....           | 2,000,000                                                           | 3,000,000 (7)     | .....            |
| Atlantic Rubber Shoe Co. (several cos.).....                                | 1901            | N. J.               | Trenton.....          | 2,500,000                                                           | 2,500,000 (6)     | .....            |
| Baltimore Brick Co (22 cos.).....                                           | 1902            | Del.                | .....                 | 1,500,000                                                           | 2,600,000 (5)     | 1,000,000 (5)    |
| Booth & Co., A. (43 concerns, takes 90,000,000 lbs. fish and oysters).....  | 1898            | Ill.                | Chicago.....          | 3,000,000                                                           | 2,500,000 (8)     | .....            |
| Borden's Con. Milk Co. (U. S. & foreign cos.).....                          | 1899            | N. J.               | New York.....         | 17,500,000                                                          | 7,500,000 (6)     | .....            |
| Borax Consolidated, Ltd. (12 principal cos. in world).....                  | 1899            | Eng.                | London.....           | 3,000,000                                                           | 4,000,000 (5½)    | 4,000,000 (4½)   |
| Butterick Co. (5 or 6 fashion, etc., cos.).....                             | 1902            | N. J.               | New York.....         | 12,000,000 (4)                                                      | .....             | .....            |
| California Fruit Canners' Ass'n (75 p. c. canneries in California).....     | 1900            | Cal.                | San Fran.....         | 2,891,600 (7 1-5)                                                   | .....             | .....            |
| California Wine Ass'n (20,000,000 gals., controls California trade).....    | 1894            | Cal.                | San Fran.....         | 4,337,200 (7 1-5)                                                   | .....             | .....            |
| Casein Co. of Am. (7 cos., milk products).....                              | 1900            | N. J.               | B. Falls, Vt.....     | 5,492,000                                                           | 1,000,000 (8)     | .....            |
| Celluloid Co. (several concerns).....                                       | 1890            | N. J.               | New York.....         | 5,925,000 (8)                                                       | .....             | .....            |
| Central Fireworks Co. (controls 6 big cos.).....                            | 1896            | N. J.               | New York.....         | 1,406,150 (2)                                                       | 1,267,200 (7)     | .....            |
| Central Foundry Co. (95 p. c. soil-pipe output of U. S.).....               | 1899            | N. J.               | New York.....         | 7,000,000                                                           | 7,000,000 (7)     | 3,863,000 (6)    |

| PRESENT NAME OF TRUST.                                                                 | When Organized. | Where Incorporated. | Location Main Office. | PRESENT CAPITALIZATION.†<br>(With Rates of Interest and Dividends.) |                   |                   |
|----------------------------------------------------------------------------------------|-----------------|---------------------|-----------------------|---------------------------------------------------------------------|-------------------|-------------------|
|                                                                                        |                 |                     |                       | Com. Stock.                                                         | Preferred Stock.‡ | Bonds.            |
| Chicago Pneumatic Tool Co. (4 Am. and 2 foreign cos.).....                             | 1901            | N. J.               | New York ....         | \$5,300,000 (8)                                                     | .....             | \$2,300,000 (5)   |
| City of Chicago Brewing & Malting Co. (5 Chicago cos.).....                            | 1890            | Eng.                | Chicago .....         | 3,043,750                                                           | \$3,043,750 (8)   | 3,166,000 (6)     |
| Cleveland & Sandusky Brewing Co (90 p. c. all in N. Ohio).....                         | 1898            | .....               | .....                 | 2,386,500                                                           | 2,386,500 (6)     | 5,773,000 (6)     |
| Colonial Lumber & Box Corporation (10 cos.).....                                       | 1902            | N. J.               | New York ....         | 15,000,000                                                          | .....             | .....             |
| Colorado Fuel & Iron Co. (consol. several cos.).....                                   | 1892            | Col.                | Denver .....          | 29,331,000                                                          | 2,000,000 (8)     | 17,000,000 (5, 6) |
| Compressed Air Co. (consol. 8 cos.).....                                               | 1900            | N. Y.               | New York ....         | 6,401,300                                                           | 755,000           | 155,000           |
| Consolidated Lake Superior Co. (water powers, mines, mills, etc.).....                 | 1897            | Ch.                 | Philadelphia..        | 73,427,700 (¾)                                                      | 26,444,500 (7)    | .....             |
| Consolidated Railway, Lighting & Refrigerating Co. (7 cos.).....                       | 1901            | N. J.               | New York ....         | 17,500,000                                                          | .....             | .....             |
| Consolidated Tobacco Co. (owns Am. and Continental and other cos.).....                | 1901            | N. J.               | New York ....         | 30,000,000                                                          | .....             | 156,466,800 (4)   |
| Am. Tobacco Co. (owns Am. Snuff and many other tobacco cos.).....                      | 1896            | N. J.               | New York ....         | 54,500,000 (6)                                                      | 14,000,000 (8)    | .....             |
| Am. Snuff Co. (7 cos., 95 p. c. U. S. output).....                                     | 1900            | N. J.               | New York ....         | 11,001,700                                                          | 12,000,000 (6)    | .....             |
| Am. Cigar Co. (consol. 6 cos.).....                                                    | 1901            | N. J.               | New York ....         | 10,000,000                                                          | .....             | .....             |
| Continental Tobacco Co. (controls plug business—125,000,000 lbs.).....                 | 1898            | N. J.               | New York ....         | 48,846,100                                                          | 48,844,600 (7)    | 1,551,100 (7)     |
| Continental Cigar Machinery Co.....                                                    | 1901            | N. J.               | New York ....         | 10,850,000                                                          | .....             | .....             |
| Continental Cotton Co. (16 Ohio cos.).....                                             | 1902            | .....               | .....                 | 3,500,000                                                           | .....             | 2,750,000 (5)     |
| Continental Cotton Oil Co. (7 big plants in Texas and Mississippi).....                | 1899            | N. J.               | New York ....         | 1,758,674 (6)                                                       | 1,567,012 (7)     | .....             |
| Continental Gin Co. (6 cotton gin cos.).....                                           | 1899            | Del.                | Birmingham, Ala.      | 2,000,000                                                           | .....             | 356,000 (5)       |
| Corn Products Co. (consol. 5 glucose and starch cos.).....                             | 1902            | N. J.               | New York ....         | 44,514,425                                                          | 27,085,530 (7)    | .....             |
| Crucible Steel Co. of Am. (13 cos., 95 p. c. U. S. output).....                        | 1900            | N. J.               | Pittsburgh..          | 25,000,000                                                          | 25,000,000 (7)    | 9,250,000 (5)     |
| Diamond Match Co. (mills in U. S., England, South America, etc.).....                  | 1889            | Ill.                | Chicago .....         | 15,000,000 (10)                                                     | .....             | 1,250,000         |
| Distilleries Securities Corporation (controls Distilling Co.).....                     | 1902            | N. J.               | New York ....         | 32,500,000                                                          | .....             | 16,000,000 (5)    |
| Distilling Co. of Am. (owns 90 p. c. stock 5 great spirits and whiskey cos.).....      | 1899            | N. J.               | New York ....         | 44,596,118                                                          | 29,502,973 (4)    | 5,452,960 (5, 6)  |
| East Coast Milling Co. (27 flour mills in Eastern States).....                         | 1909            | N. J.               | New York ....         | 7,000,000                                                           | 2,000,000         | .....             |
| Eastman Kodak Co. (world trust).....                                                   | 1901            | N. J.               | Rochester..           | 15,900,000                                                          | 4,673,100 (6)     | .....             |
| Electric Boat Co. (3 cos., inc. Holland Torpedo Co.).....                              | 1899            | N. J.               | New York ....         | 4,996,600                                                           | 2,045,000 (8)     | .....             |
| Elec. Stor. Bat. Co. (12 or 15 U. S. & for. cos.).....                                 | 1888            | N. J.               | Philadelphia.         | 11,748,000 (5)                                                      | 4,500,000 (6)     | .....             |
| Electric Vehicle Co. (controls 3 auto. cos.).....                                      | 1897            | N. J.               | Hartford ..           | 10,450,000                                                          | 8,125,000         | 1,675,000 (8)     |
| Empire Steel & Iron Co. (13 furnaces in 4 States).....                                 | 1899            | N. J.               | Catas'qua, Pa.        | 2,281,400                                                           | 2,361,100 (6)     | .....             |
| Fairmont Coal Co. (coal props. in W. Va.).....                                         | 1899            | N. J.               | Fall River ..         | 12,000,000                                                          | .....             | 6,000,000 (5)     |
| General Chemical Co. (controls heavy chemicals—12 cos., 34 plants).....                | 1899            | N. Y.               | New York ....         | 7,410,300 (4)                                                       | 9,416,000 (6)     | .....             |
| General Electric Co. (controls or pools with other cos.).....                          | 1892            | N. Y.               | Schenectady..         | 42,031,600 (8)                                                      | .....             | .....             |
| Great Lakes Towing Co. (towboat, etc., cos. on Great Lakes).....                       | 1899            | N. J.               | Cleveland ..          | 1,675,000                                                           | 1,952,850 (7)     | .....             |
| Great Western Cereal Co. (8 cos., 50 p. c. of U. S. product).....                      | 1901            | N. J.               | Chicago .....         | 3,000,000                                                           | .....             | 1,500,000 (6)     |
| Harrison-Walker Refractories Co. (285,000,000 bricks).....                             | 1902            | .....               | .....                 | 27,600,000                                                          | .....             | .....             |
| Hering-Hull-Martin Safe Co. (4 cos.).....                                              | 1900            | N. J.               | New York ....         | 1,850,000                                                           | 1,850,000 (7)     | .....             |
| Heywood Bros. & Wakefield Co. (4 rattan and cane furniture cos.).....                  | 1897            | N. J.               | Gardner, Mass.        | 2,000,000                                                           | 4,000,000 (8)     | .....             |
| Hydraulic Press Brick Co. (14 cos.—controls in Western States).....                    | .....           | Mo.                 | St. Louis.....        | 3,000,000                                                           | .....             | .....             |
| Illinois Brick Co. (controls business in State).....                                   | 1900            | Ill.                | Chicago .....         | 4,750,500                                                           | 3,550,500 (6)     | .....             |
| International Fire Engine Co. (consolidation).....                                     | 1899            | N. J.               | New York ....         | 3,750,000                                                           | 2,750,000 (7)     | .....             |
| International Harvester Co. (6 big concerns).....                                      | 1902            | N. J.               | Chicago .....         | 120,000,000                                                         | .....             | .....             |
| Internat'l Mer. Marine Co. (shipping trust).....                                       | 1902            | N. J.               | New York ....         | 60,000,000                                                          | 60,000,000 (6)    | 50,000,000 (4½)   |
| Internat'l Nickel Co. (controls world's output).....                                   | 1902            | N. J.               | Jersey City..         | 9,000,000                                                           | 9,000,000 (6)     | 10,000,000        |
| International Paper Co. (21 cos. in N. Y. & N. Eng., 1,500 tons news paper daily)..... | 1898            | N. Y.               | Corinth .....         | 17,442,800                                                          | 22,406,700 (6)    | 12,953,500 (6)    |
| International Power Co. (compressed air plants in New England).....                    | 1899            | N. J.               | New York ....         | 6,400,000                                                           | 600,000 (8½)      | 225,000 (4)       |
| International Pulp Co. (3 cos.).....                                                   | 1893            | N. Y.               | New York ....         | 3,000,000                                                           | 2,000,000 (8)     | .....             |
| International Salt Co. (to control world).....                                         | 1901            | N. J.               | New York ....         | 18,750,000                                                          | .....             | 7,500,000 (5)     |
| National Salt Co. (controls U. S.—in liquidation).....                                 | 1899            | N. J.               | New York ....         | 7,000,000                                                           | 5,000,000 (7)     | .....             |
| International Steam Pump Co. (5 cos., 90 p. c. U. S. output).....                      | 1899            | N. J.               | New York ....         | 12,262,500 (4)                                                      | 8,850,000 (6)     | 2,579,900 (7, 5)  |
| Jones & Laughlin Steel Co. (4 cos.).....                                               | 1902            | Pa.                 | Pittsburgh..          | 30,000,000                                                          | .....             | .....             |
| Kanawha & Hocking Coal & Coke Co. (9 cos., 19 mines in West Virginia).....             | 1901            | W. Va.              | Columbus, O.          | 3,500,000                                                           | .....             | 2,750,000 (5)     |
| Keystone Watch Case Co. (consol. several cos.).....                                    | 1899            | Pa.                 | Philadelphia.         | 1,080,000                                                           | 2,160,000 (5)     | .....             |
| Kirby Lumber Co. (cos. and mills in Texas).....                                        | 1901            | Tex.                | Houston .....         | 5,000,000                                                           | 5,000,000         | .....             |
| Knickerbocker Ice Co. (28 cos. and 125 Chicago plants).....                            | 1885            | Ill.                | Chicago .....         | 4,000,000                                                           | 3,000,000 (6)     | 1,982,000 (5)     |
| Macbeth-Evans Glass Co. (5 chimney cos.).....                                          | 1899            | .....               | Pittsburgh..          | 2,000,000                                                           | .....             | 600,000 (6)       |
| Marsden Co. (cellulose and smokeless powder).....                                      | 1897            | N. J.               | Philadelphia.         | 30,782,200                                                          | 1,500,000         | .....             |
| Maryland Brew. Co. (all 17 cos. in Baltimore).....                                     | 1899            | Md.                 | Baltimore ..          | 5,000,000                                                           | .....             | 9,125,000 (4, 5)  |
| Massachusetts Breweries Co. (10 cos. in Boston, ½ of output).....                      | 1900            | Va.                 | Boston .....          | 6,500,000                                                           | .....             | 1,300,000 (5)     |

| PRESENT NAME OF TRUST.                                                                | When Organized. | Where Incorporated. | Location Main Office. | PRESENT CAPITALIZATION.†<br>(With Rates of Interest and Dividends.) |                    |                      |
|---------------------------------------------------------------------------------------|-----------------|---------------------|-----------------------|---------------------------------------------------------------------|--------------------|----------------------|
|                                                                                       |                 |                     |                       | Com. Stock.                                                         | Preferred Stock. § | Bonds.               |
| Mass. Electric Co. (controls cos. in E. Mass.)                                        | 1899            | .....               | Boston .....          | \$14,293,100                                                        | \$15,057,400 (4%)  | \$2,700,000 (4%)     |
| Milwaukee & Chicago Breweries, Ltd. (6 or more cos.)                                  | 1891            | Eng.                | Chicago .....         | 3,774,250                                                           | 3,774,250          | 3,500,000 (5)        |
| Monongahela River Con. Coal & Coke Co. (River Coal Trust)                             | 1899            | Pa.                 | Pittsburgh .....      | 20,000,000                                                          | 9,965,000 (7)      | 9,479,000 (6)        |
| Nat. Asphalt Co. (owns or controls lg. cos. in N. and S. Am., reorganized July, 1902) | 1900            | N. J.               | Jersey City .....     | 11,551,570                                                          | 8,003,774          | 5,988,520 (5)        |
| Asphalt Co. of Am. (90 p. c. of U. S. industry)                                       | 1899            | N. J.               | Philadelphia .....    | 30,000,000                                                          | .....              | 26,932,255 (5)       |
| Nat. Biscuit Co. (controls cracker and baking industry east of Rocky Mountains)       | 1898            | N. J.               | Chicago .....         | 29,236,000 (4)                                                      | 23,285,100 (7)     | 1,576,000 (6)        |
| Nat. Carbon Co. (all in U. S. and 3/4 in world)                                       | 1899            | N. J.               | Cleveland .....       | 4,500,000 (7)                                                       | .....              | .....                |
| Nat. Candy Co. (16 cos., 72,000,000 lbs.)                                             | 1902            | N. J.               | St. Louis .....       | 5,000,000                                                           | 2,200,000 (7)      | .....                |
| Nat. Cask-t Co. (numerous cos.)                                                       | 1891            | N. Y.               | New York .....        | 6,000,000                                                           | .....              | .....                |
| Nat. Enamelling & Stamping Co. (11 cos., tin, galvanized, etc., ware)                 | 1899            | N. J.               | New York .....        | 15,441,800 (4)                                                      | 8,396,600 (7)      | 2,335,000 (5)        |
| Nat. Fire-Proofing Co. (5 cos., terra cotta, tile, etc.)                              | 1899            | Pa.                 | Pittsburgh .....      | 4,500,000 (5)                                                       | 8,000,000 (7)      | .....                |
| Nat. Glass Co. (19 tableware cos.)                                                    | 1899            | Pa.                 | Pittsburgh .....      | 2,200,000                                                           | .....              | 1,600,000 (6)        |
| Nat. Lead Co. (many white lead, etc., cos.)                                           | 1891            | N. Y.               | New York .....        | 14,905,400                                                          | 14,900,000 (7)     | 50,000 (5)           |
| Nat. Roofing & Corrugating Co.                                                        | 1900            | W. Va.              | Wheeling .....        | 5,000,000                                                           | .....              | .....                |
| Nat. Steel & Wire Co. (3 fence cos.)                                                  | 1902            | Me.                 | .....                 | 2,500,000                                                           | .....              | .....                |
| Nat. Sugar Refining Co. (3 cos.)                                                      | 1900            | N. J.               | New York .....        | 10,000,000                                                          | 10,000,000 (6)     | .....                |
| New England Brick Co. (25 cos., 37 plants)                                            | 1900            | N. J.               | Boston .....          | 1,500,000                                                           | 1,850,000          | 750,000 (6)          |
| N. E. Cotton Yarn Co. (25 cos., 620,000 spindles)                                     | 1899            | N. J.               | New Bedford .....     | 5,000,000                                                           | 5,000,000 (7)      | 5,823,000 (5)        |
| New England Con. Ice Cos. (7 or 8 cos.)                                               | 1902            | N. J.               | Boston .....          | 4,867,750                                                           | 650,000 (6)        | 775,000 (5)          |
| Niles-Bement-Rand Co. (5 cos., tool works)                                            | 1899            | N. Y.               | New York .....        | 5,902,250 (8)                                                       | 2,000,000 (6)      | 1,225,400 (6)        |
| Otis (Pass.) Elevator Co. (7 cos., 90 p. c. all)                                      | 1808            | N. J.               | New York .....        | 6,750,000                                                           | 5,520,000 (6)      | 1,250,000 (4)        |
| Pacific Coast Biscuit Co. (10 cos.)                                                   | .....           | Oreg.               | .....                 | 2,000,000                                                           | 950,000            | 1,000,000 (6)        |
| Pacific Coast Co. (5 railroad, steamship, and coal cos.)                              | 1897            | N. J.               | New York .....        | 6,738,800 (5)                                                       | 5,307,000 (5, 6)   | 4,416,000 (5)        |
| Pacific Hardware & Steel Co. (2 big cos.)                                             | 1902            | N. J.               | San Francisco         | 7,000,000                                                           | 3,000,000 (6)      | .....                |
| Pacific Packing & Navigation Co. (16 salmon-canning cos.)                             | 1901            | N. J.               | .....                 | 6,150,000                                                           | 6,100,000 (7)      | 3,115,000 (6)        |
| Pa. Central Brewing Co. (12 Pa. cos.)                                                 | 1897            | Pa.                 | Scranton .....        | 2,800,000                                                           | 2,800,000          | 2,700,000 (5)        |
| Pa. Steel Co. (5 cos. in U. S. and Cuba)                                              | 1902            | N. J.               | Philadelphia .....    | 10,750,000                                                          | 15,500,000 (7)     | 6,997,000 (5, 6)     |
| Pittsburgh Brewing Co. (16 cos.)                                                      | 1899            | Pa.                 | Pittsburgh .....      | 5,902,250 (5)                                                       | 6,100,100 (7)      | 6,500,000 (6)        |
| Pittsburgh Coal Co. (railroad combine)                                                | 1899            | N. J.               | Pittsburgh .....      | 20,020,700                                                          | 29,701,200 (7)     | 6,000,000 (5)        |
| Pittsburgh Plate Glass Co. (10 plants, etc.)                                          | 1882            | Pa.                 | Pittsburgh .....      | 9,250,000 (6)                                                       | 150,000 (12)       | 10,000               |
| Planters Compress (3 cos. in 48 countries)                                            | 1902            | Me.                 | Boston .....          | 6,750,000                                                           | 3,250,000 (7)      | .....                |
| Pressed Steel Car Co. (2 cos. controls industry)                                      | 1899            | N. J.               | Pittsburgh .....      | 12,500,000 (4)                                                      | 12,500,000 (7)     | 4,738,000 (5, 4)     |
| Pullman Co. (absorbed Wagner Co. in 1899)                                             | 1867            | Ill.                | Chicago .....         | 74,000,000 (8)                                                      | .....              | .....                |
| Pure Oil Co. (14 cos. not in Standard Oil Co.)                                        | 1896            | N. J.               | New York .....        | 8,000,000                                                           | 2,000,000 (6)      | .....                |
| Quaker Oats Co. (consolidation)                                                       | 1901            | N. J.               | Chicago .....         | 4,000,000                                                           | 7,500,000          | .....                |
| Railway Steel Spring Co. (7 cos.)                                                     | 1902            | N. J.               | Pittsburgh .....      | 13,500,000                                                          | 13,500,000 (7)     | .....                |
| Republic Iron & Steel Co. (57 properties, bar, forge iron, etc.)                      | 1899            | N. J.               | Chicago .....         | 27,191,000                                                          | 10,356,900 (7)     | .....                |
| Royal Baking Powder Cos. (16 cos.)                                                    | 1899            | N. J.               | New York .....        | 10,000,000                                                          | 10,000,000 (6)     | .....                |
| Rubber Goods Mfg. Co. (13 cos., tires, etc.)                                          | 1899            | N. J.               | N. Brunswick .....    | 16,941,700 (4)                                                      | 8,051,400 (7)      | 1,397,915 (6)        |
| Safety Car Heating & Lighting Co. (3)                                                 | 1887            | N. Y.               | New York .....        | 4,549,600 (8)                                                       | .....              | .....                |
| St. Louis Breweries, Ltd. (18 breweries)                                              | .....           | Eng.                | St. Louis .....       | 4,283,000                                                           | 4,383,000 (5 1/2)  | 4,961,600 (6)        |
| Sea Coast Pk'g Co. (80 p. c. sardine business)                                        | 1899            | N. J.               | Chicago .....         | 5,000,000                                                           | 3,000,000 (7)      | .....                |
| Siemens-Sheffield Steel & Iron Co. (10 or 15 cos. in Alabama)                         | 1899            | N. J.               | .....                 | 7,500,000                                                           | 6,700,000 (7)      | 4,000,000 (4 1/2, 6) |
| Standard Chain Co. (12 nail, chain, etc., cos.)                                       | 1900            | N. J.               | Pittsburgh .....      | 1,277,700                                                           | 1,031,400          | 568,000 (5)          |
| Standard Milling Co. (24 mills in 3 States)                                           | 1900            | N. J.               | New York .....        | 4,600,000                                                           | 6,900,000          | 5,750,000 (6)        |
| Standard Oil Co. (oil refinery, pipe lines, etc.)                                     | 1882            | N. J.               | New York .....        | 97,500,000 (48)                                                     | .....              | .....                |
| Standard Rope & Twine Co. (8 cos.)                                                    | 1895            | N. J.               | New York .....        | 12,000,000                                                          | .....              | 10,335,000 (6)       |
| Standard Sanitary Mfg. Co. (80 p. c. enameled iron ware)                              | 1899            | N. J.               | Pittsburgh .....      | 2,068,500                                                           | 1,904,500 (7)      | 1,757,000 (6)        |
| Standard Shoe Machinery Co. (6 cos.)                                                  | 1899            | N. J.               | New York .....        | 2,500,000                                                           | 1,500,000 (7)      | .....                |
| Standard Table Oil Cloth Co. (7 leading cos.)                                         | 1901            | N. J.               | New York .....        | 4,000,000                                                           | 4,000,000 (7)      | .....                |
| Swift & Co. (5 or 6 cos., meat-packing, etc.)                                         | 1885            | Ill.                | Chicago .....         | 25,000,000                                                          | .....              | 5,000,000 (5)        |
| Tennessee Coal, Iron & Railroad Co. (6 cos.)                                          | 1860            | Tenn.               | Nashville .....       | 22,801,600                                                          | 330,000 (4)        | 12,074,000 (5, 6, 7) |
| Textile Finishing Machinery Co. (4 cos.)                                              | 1902            | R. I.               | Providence .....      | 1,000,000                                                           | 950,000            | .....                |
| Trenton Fortifies Co. (5 big Trenton cos.)                                            | 1892            | N. J.               | Trenton .....         | 1,750,000                                                           | 1,250,000 (8)      | 550,000 (4)          |
| Union Bag & Paper Co. (45 p. c. paper bags)                                           | 1899            | N. J.               | New York .....        | 16,000,000                                                          | 11,000,000 (7)     | .....                |
| Union Typewriter Co. (5 leading cos.)                                                 | 1893            | N. J.               | New York .....        | 10,000,000 (3)                                                      | 8,015,000 (11)     | .....                |
| United Box, Board & Paper Co. (26 plants)                                             | 1902            | N. J.               | .....                 | 14,018,500                                                          | 14,948,900 (7)     | 3,500,000            |
| United Breweries Co. (13 Chicago cos.)                                                | 1898            | N. J.               | Chicago .....         | 5,463,000                                                           | .....              | 3,345,000 (6)        |
| United Copper Co. (5 Heineze cos.)                                                    | 1902            | N. J.               | New York .....        | 45,000,000                                                          | 5,000,000 (6)      | .....                |
| United Fruit Co. (8 or 10 big tropical fr't cos.)                                     | 1899            | N. J.               | Boston .....          | 12,369,500 (7)                                                      | .....              | 5,600,000 (5)        |
| United Shoe Mach'y Co. (8 cos. world trust)                                           | 1899            | N. J.               | Boston .....          | 10,758,500 (8)                                                      | 9,936,425 (6)      | .....                |
| U. S. Cast Iron Pipe & Foundry Co. (12 cos., 75 p. c. of U. S. output)                | 1899            | N. J.               | New York .....        | 12,349,295                                                          | 12,326,223         | 1,647,500 (6)        |
| U. S. Cotton Duck Corp. (nearly all in U. S.)                                         | 1901            | N. J.               | Baltimore .....       | 10,000,000                                                          | 16,100,000 (6)     | .....                |
| U. S. Envelope Co. (19 cos., 90 p. c. in U. S.)                                       | 1898            | Me.                 | Springfield .....     | 750,000                                                             | 3,750,000 (7)      | 2,250,000 (6)        |
| U. S. Finishing Co. (4 dyeing, etc., cos.)                                            | 1899            | N. J.               | New York .....        | 1,000,000                                                           | 2,000,000 (7)      | 1,750,000 (5)        |
| U. S. Glass Co. (flint not in Nat. Glass Co.)                                         | 1891            | Pa.                 | Pittsburgh .....      | 3,485,100                                                           | 690,000 (8)        | .....                |
| U. S. Gypsum Co. (35 cos.)                                                            | 1901            | N. J.               | Chicago .....         | 3,000,000                                                           | 4,500,000 (7)      | 1,000,000 (5)        |
| U. S. Leather (sole leather trust)                                                    | 1893            | N. J.               | New York .....        | 62,882,300                                                          | 62,282,300 (6)     | 5,280,000 (6)        |
| U. S. Playing Card Co. (allied with other cos.)                                       | 1894            | N. J.               | Cincinnati .....      | 3,012,000 (4)                                                       | .....              | .....                |
| U. S. Reduction & Refining Co. (6 mining cos.)                                        | 1901            | N. J.               | Col. Springs .....    | 5,918,800 (3)                                                       | 3,945,800 (6)      | 3,000,000 (6)        |
| U. S. Rubber Co. (13 cos., boots, shoes, etc.)                                        | 1892            | N. J.               | New York .....        | 23,666,000                                                          | 23,525,500         | 16,800,000 (5)       |
| U. S. Shipbuilding Co. (7 cos. and Bethlehem Steel Co.)                               | 1902            | N. J.               | New York .....        | 25,000,000                                                          | 20,000,000 (6)     | 26,000,000 (5, 6)    |
| U. S. Silver Corp. (owns and controls cos.)                                           | 1902            | N. J.               | New York .....        | 3,000,000                                                           | .....              | 3,000,000 (6)        |
| Internat'l Silver Co. (24 silverware cos.)                                            | 1895            | N. J.               | New York .....        | 9,444,700                                                           | 5,107,500 (2)      | 3,246,000 (6)        |

| PRESENT NAME OF TRUST.                                                            | When Organized. | Where Incorporated. | Location Main Office. | PRESENT CAPITALIZATION †<br>(With Rates of Interest and Dividends.) |                   |                   |
|-----------------------------------------------------------------------------------|-----------------|---------------------|-----------------------|---------------------------------------------------------------------|-------------------|-------------------|
|                                                                                   |                 |                     |                       | Com. Stock.                                                         | Preferred Stock ‡ | Bonds.            |
|                                                                                   |                 |                     |                       |                                                                     |                   |                   |
| U. S. Steel Corp. (owns the stock of 10 great cos., 75 p. c. U. S. industry)..... | 1901            | N. J.               | New York....          | \$508,452,000 (4)                                                   | \$10,314,100 (7)  | \$303,450,000 (5) |
| Am. Bridge Co. (26 cos., 90 p. c. b. bridge tonnage of U. S.).....                | 1900            | N. J.               | New York....          | 30,527,800                                                          | 30,527,800 (7)    | .....             |
| Am. Sheet Steel Co. (26 cos.).....                                                | 1900            | N. J.               | New York....          | 24,500,000                                                          | 24,500,000 (7)    | .....             |
| Am. Steel Hoop Co. (11 cos., 100,000 tons bands, hoops, etc.).....                | 1899            | N. J.               | New York....          | 19,000,000                                                          | 14,000,000 (7)    | .....             |
| Am. Steel & Wire Co. of N. J. (27 cos., controls U. S. industry).....             | 1899            | N. J.               | New York....          | 50,000,000 (7)                                                      | 40,000,000 (7)    | .....             |
| Am. Tin Plate Co. (2½ mills—95 p. c. of all in U. S. in 1898).....                | 1898            | N. J.               | New York....          | 28,000,000                                                          | 18,325,000 (7)    | .....             |
| Carnegie Co. (many steel, ore, coal, steamship, etc., cos.).....                  | 1900            | N. J.               | Pittsburgh....        | 156,800,000                                                         | .....             | 160,000,000 (5)   |
| Federal Steel Co. (many steel, ore, railroad, etc., cos.).....                    | 1898            | N. J.               | New York....          | 46,484,300 (5)                                                      | 53,250,900 (6)    | .....             |
| Eq. Supp'g' Co. Iron Mines (incl. E. R. L.).....                                  | 1892            | N. J.               | New York....          | 28,722,000                                                          | .....             | .....             |
| National Steel Co. (6 or 8 soft steel cos.).....                                  | 1899            | N. J.               | New York....          | 32,000,000                                                          | 27,000,000 (7)    | .....             |
| National Tube Co. (17 cos., 10 p. c. tubular goods of U. S.).....                 | 1899            | N. J.               | New York....          | 40,000,000 (6)                                                      | 40,000,000 (7)    | .....             |
| U. S. Cigar Co. (8 stogie cos.).....                                              | 1902            | Del.                | .....                 | 2,470,000                                                           | 1,405,000 (7)     | 885,000 (6)       |
| Universal Tube & Co. (3 cos.).....                                                | 1901            | N. J.               | New York....          | 10,000,000                                                          | .....             | .....             |
| Virginia-Carolina Chem. Co. (27 fertilizer cos.).....                             | 1885            | N. J.               | Richmond....          | 27,984,400 (4)                                                      | 12,000,000 (8)    | 7,000,000 (5)     |
| Virginia Iron, Coal & Coke Co. (leading properties of S. W. Virginia).....        | 1899            | Va.                 | Bristol, Va....       | 8,870,000                                                           | .....             | 10,000,000 (5, 6) |
| Washburn Wire Co. (2 or 3 cos.).....                                              | 1900            | Me.                 | Pittsford, N. H.      | 1,250,000                                                           | 2,500,000 (7)     | .....             |
| Western Stone Co. (1 cos.).....                                                   | 1909            | N. J.               | Chicago....           | 2,250,000                                                           | .....             | 458,000 (5)       |
| Westinghouse Air-Break Co. (3 cos.).....                                          | 1889            | Pa.                 | Pittsburgh....        | 10,950,000 (24)                                                     | .....             | .....             |
| Westinghouse Electric & Mfg. Co. (6 cos.).....                                    | 1872            | Pa.                 | Pittsburgh....        | 14,028,076 (6)                                                      | 3,997,450 (7)     | 4,050,000 (5, 6)  |
| Wisconsin Lime & Cement Co. (7 cos.).....                                         | 1900            | N. J.               | Chicago....           | 5,000,000                                                           | .....             | .....             |
| Totals.....                                                                       |                 |                     |                       | \$3,639,019,304                                                     | \$2,029,952,164   | \$1,116,726,050   |

\* Trust, as popularly understood, means a consolidation, combine, pool, or agreement of two or more naturally competing concerns, which establishes a limited monopoly with power to fix prices or rates in any industry or group of industries.

† These 213 industrial combinations, or trusts, with a total capital of \$3,958,697,518, are selected (with 3 or 4 exceptions) from over 4,000 of the corporations described in "Moody's Manual of Corporation Securities." Mr. Moody says there are about 850 trusts or industrial combinations, with a total of \$9,000,000,000, and that the railroad consolidations would exceed this to \$15,000,000,000 of outstanding capital.

‡ The amount of stock issued is taken when known; when not known the amount authorized is given.

§ The rates of dividend given on preferred stocks are usually the rates to which these stocks are entitled. The rates actually paid are often less, especially when no dividend is paid on the common stock.

¶ Besides the securities of the 10 companies' own outright (all of which are deposited with the United States Trust Company, New York, and are a first lien to secure the \$303,450,000 of collateral trust bonds, though voted by the corporation), the United States Steel Corporation has harmonious relations with numerous other companies, the full details of which are given in the Democratic campaign book, as prepared by Mr. John Moody, who makes the following summary:

|                                                                                                  | Capital Authorized. | Capital Outstanding. |
|--------------------------------------------------------------------------------------------------|---------------------|----------------------|
| United States Steel Corporation proper.....                                                      | \$1,304,000,000     | \$1,319,560,000      |
| Underlying securities of 26 controlled properties.....                                           | 90,435,656          | 68,478,656           |
| Scurities of 3 companies controlled in the interests of the United States Steel Corporation..... | 139,250,000         | 131,250,000          |
| Scurities of 4 companies operated in harmony with United States Steel Corporation.....           | 118,686,200         | 86,561,000           |
| Grand total.....                                                                                 | \$1,752,371,856     | \$1,605,949,556      |
| Securities of 32 of larger competitors of United States Steel Corporation.....                   | 452,164,600         | 385,740,100          |

At present many of the large companies in the above list of 32 competitive companies are working in harmony with the Steel Corporation as to prices, etc. Thus, according to capitalization (outstanding), about 77 per cent of the iron and steel industry of the United States is owned or controlled by the great Steel Corporation.

The net earnings of the Steel Corporation for ten months, ending October 31, 1902, were \$113,533,004.

Besides the incorporated industrial trusts there are innumerable price and rate-fixing agreements, profit-sharing pools, selling or buying agencies, product-resisting agreements, etc. They exist in nearly every industry and in nearly every State and city. They are often very effective for longer or shorter periods. Thus, much of the profits of the steel-rail makers during the last five years is due to the Steel-Rail Manufacturers' Association. Pools or agreements control the prices of steel beams, steel billets, armor plate, and, in fact, with intermittent relapses, the prices of most important steel and hardware products. The price for iron ores in the Great Lakes districts is fixed yearly by the Bessemer and open-hearth associations. The Anthracite Coal Trust was never more than an agreement by the principal carrying railroads as to production, freight rates, and prices.

Wholesale and retail grocers and druggists are more or less effective in controlling prices in most States and cities. Lumber dealers and chemical manufacturers have many price and selling agreements or pools.

Natural monopolies, such as railroads, street railways, gas, electric light, and water companies, are not classed as trusts because they are not composed of naturally competing concerns. Consolidations and price and rate-fixing agreements in these industries exist in nearly every city in the country.

Many of the combinations in these lines are very important. Our greatest railroads have rate-fixing agreements or "community of interest" understandings for controlling rates and the distribution of freights. Besides, they are rapidly coming together, through absorption into larger companies, so that competition no longer exists in most sections of the country. The New Northern Securities Company is expected to unite railroads whose stocks and bonds are worth more than \$1,000,000,000.

Seven great "groups" of railroads have a total mileage of 141,583 out of a total mileage of 197,000. They are the Pennsylvania, 17,697; Vanderbilt, 19,804; Morgan, 56,607; Gould-Rockefeller, 19,133; Harriman-Kuhn, Loeb, 22,521; Moore, 2,000; Pierce, 4,301.

The Metropolitan Street Railway Company of New York City now owns or controls the entire surface roads of the boroughs of Manhattan and the Bronx. Its capital is \$52,000,000. Its bonded indebtedness about \$1,000,000. Besides, it has guaranteed dividends on about \$70,000,000 of stock of the subsidiary companies. Its underground rapid transit system of New York, even before it is completed, is less than the Interborough Rapid Transit Co., which has also absorbed the Manhattan ( Elevated) Railway Co. The capital of the new company is \$35,000,000, of its independent companies about \$20,000,000. The Consolidated Gas Company of New York owns or controls all of the lighting and heating plants in Manhattan and the Bronx. Its outstanding capital is \$11,530,500. Its bonded debt is \$2,204,264. The bonds of its constituent companies amount to \$9,688,957. The street railway and gas companies of New York City are duplicated, on a smaller scale, in most important cities.

## The American Multi-Millionaires.

## THE VANDERBILTS.

## DESCENDANTS OF COMMODORE CORNELIUS VANDERBILT.

Born on Staten Island, N. Y., 1794; married, 1st, Sophia Johnson, 1813; 2d, Frances Crawford, 1869; died 1877.

| CHILDREN.                                                                    | Grandchildren.                                                                                                                                                                                                                                                                                | Great-Grandchildren.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Great-Great-Grandchildren.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Phebe Jane Vanderbilt, b. 1815; m. James M. Cross, 1841; d. 1853.         | 1. Cornelius Vanderbilt Cross, b. 1834; m. Emma Eldert; d. 1902.<br>2. Ethelinda Cross; m. Burrett Wilson Horton.<br>3. Norman Cross.                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 2. Ethelinda Vanderbilt, b. 1818; m. Daniel B. Allen, 1839; d. 1888.         | 1. Vanderbilt Allen, b. 1840; m. 1st, Helena Mount, 1861; 2d, Edith De Silvier, 1873; 3d, Edith Mott, 1890; d. 1898.<br>2. William B. Allen, b. 1844; m. ———; d. 1890.<br>3. Franklin Allen.<br>4. Harry Allen, d. 1899.<br>5. Annie Allen, b. 1869; m. 1888, John Wallace; d. (killed) 1896. | 1. Marie Fatimah Allen, b. 1870; m. John C. Wilmerding, Jr., 1892.<br>2. Ethel Gladys De Silvier Allen, b. 1875.<br>1. W. S. Vanderbilt Allen, b. 1867.<br>2. Ethelinda Allen, b. 1870; d. 1889.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 3. William Henry Vanderbilt, b. 1821; m. Maria Louise Kissam, 1840; d. 1885. | 1. Cornelius Vanderbilt, b. 1843; m. Alice Gwynne, 1867; d. 1899.<br>2. Margaret Louisa Vanderbilt; m. Elliot F. Shepard, 1870.<br>3. William K. Vanderbilt, b. 1849; m. Alva Smith, 1874 (now Mrs. O. H. P. Belmont).<br>4. Emily T. Vanderbilt; m. William D. Sloane, 1874.                 | 1. William H. Vanderbilt, b. 1871; d. 1892.<br>2. Cornelius Vanderbilt, b. 1873; m. Grace Wilson, 1896.<br>3. Gertrude Vanderbilt, b. 1876; m. Harry Payne Whitney, 1896.<br>4. Alfred Gwynne Vanderbilt, b. 1877; m. Elsie French, 1901.<br>5. Reginald Vanderbilt, b. 1880.<br>6. Gladys Vanderbilt, b. 1885.<br>1. Maria Louisa Shepard, b. 1870; m. William Jay Schieffelin, 1891.<br>2. Edith Shepard, b. 1872; m. Ernesto G. Fabbri, 1896.<br>3. Margaret Shepard, b. 1875; d. 1892.<br>4. Alice Shepard, b. 1874; m. Dave Hennon Morris, 1895.<br>5. Elliot F. Shepard, b. 1877.<br>2. William K. Vanderbilt, b. 1880; m. Virginia Fair, 1895.<br>3. Harold Vanderbilt, b. 1882.<br>1. Florence A. Sloane, b. 1875; m. James A. Burden, Jr., 1895.<br>2. Emily Vanderbilt Sloane, b. 1877; m. William B. Osgood Field, 1902.<br>3. Lila Vanderbilt Sloane, b. 1879.<br>4. Malcolm D. Sloane, b. 1881. | 1. Cornelius Vanderbilt, b. 1898.<br>2. Grace Vanderbilt, b. 1899.<br>1. Flora Payne Vanderbilt Whitney, b. 1897.<br>2. Vanderbilt Whitney, b. 1899.<br>1. William Jay Schieffelin, Jr., b. 1891.<br>2. Margaret Louisa Schieffelin, b. 1893.<br>3. Mary Jay Schieffelin, II., b. 1895.<br>4. John Jay Schieffelin, b. 1897.<br>5. Louise Vanderbilt Schieffelin, b. 1901.<br>1. Teresa Fabbri, b. 1897.<br>2. Ernesto G. Fabbri, Jr., b. 1900.<br>1. Dave Hennon Morris, Jr., b. 1900.<br>2. Louise Morris, b. 1901.<br>1. John, Marquis of Blandford, b. 1897.<br>2. Lord Ivor Charles Spencer-Churchill, b. 1898.<br>1. A daughter, b. 1900.<br>1. James A. Burden, b. 1897. |

NOTE.—In the pedigrees of the Vanderbilts and Astors the dates in some instances, particularly of the older branches and of branches residing abroad, are subject to correction. The above table and that of the Astors were submitted to members of the respective families and were revised by them to the best of their knowledge.

THE VANDERBILTS—Continued.

| CHILDREN.                                                                                          | Grandchildren.                                                                                                                                                                                                                                                                        | Great-Grandchildren.                                                                                                                                                                                                                       | Great-Great-Grandchildren. |
|----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| 3. William Henry Vanderbilt (Continued).                                                           | 5. Frederick W. Vanderbilt, b. 1858; m. Mrs. Alfred Torrance (nee Anthony), 1880.<br>6. Florence Adele Vanderbilt; m. H. McKay Twombly, 1877.<br>7. Eliza Osgood Vanderbilt; m. W. Seward Webb, 1883.<br>8. George Washington Vanderbilt, b. 1862; m. Edith Stuyvesant Dresser, 1898. | 1. Ruth Twombly, b. 1878; d.<br>2. Florence Twombly, b. 1880.<br>3. H. McKay Twombly, b. 1884.<br>1. James Watson Webb, b. 1885.<br>2. Seward Webb, b. 1888.<br>3. Frederica Webb, b. 1890.<br>1. Cornelia Stuyvesant Vanderbilt, b. 1900. |                            |
| 4. Emily Vanderbilt, b. 1823; m. William K. Thorn, 1849; d. 1896.                                  | 1. William K. Thorn, b. 1851.<br>2. Emily Thorn, b. 1853; m. 1st, Daniel King, 1869; 2d, James C. Parrish, 1873.<br>3. — Thorn, b. 1858; m. Gustav Kessel, 1881.                                                                                                                      | 1. Louise Alice King, b. 1870; m. Alexander Baring.                                                                                                                                                                                        |                            |
| 5. Cornelius Jeremiah Vanderbilt, b. 1825; d. 1882.                                                |                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                            |                            |
| 6. Eliza Vanderbilt, b. 1828; m. George Osgood, 1849; d. 1895.                                     |                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                            |                            |
| 7. Sophia Vanderbilt, b. 1830; m. Daniel Torrance, 1849.                                           | 1. Alfred Torrance, b. 1850; m. Bertha Anthony, 1875; d. 1885. She married, 1880, Frederick W. Vanderbilt.<br>2. Marie Torrance, b. 1852; m. John Hadden, Jr., 1873.                                                                                                                  | 1. John Hadden, b. 1874.                                                                                                                                                                                                                   |                            |
| 8. Maria Alecia Vanderbilt, b. 1831; m. 1st, N. La Bau, 1847.                                      | 1. Bertha V. La Bau; m. George M. Browne.<br>2. Edith La Bau; m. Tiffany Dyer.<br>3. Lillian La Bau; m. 1st, Eugene Blois; 2d, Jose Aymar, 1897.                                                                                                                                      |                                                                                                                                                                                                                                            |                            |
| 9. Catherine Vanderbilt, b. 1834; m. 1st, Smith Barker, 1850; 2d, Gustave Lafitte, 1861; d. 1887.  | 1. Clarence Johnson Barker, b. 1853; d. 1896.<br>2. Catherine Barker, b. 1857.<br>3. Morris Lafitte, b. 1863.                                                                                                                                                                         |                                                                                                                                                                                                                                            |                            |
| 10. Marie Louise Vanderbilt, b. 1835; m. 1st, Horace Clark, 1851; 2d, Robert Niven, 1860; d. 1891. | 1. Louise Clark, b. 1853; m. 1st, Clarence L. Collins, 1874; 2d, Capt. Barty Midford; 3d, M. L. Souberbille, d. 1895.<br>2. Charlotte E. Niven; m. Count de Sers.                                                                                                                     | 1. Edith Lyman Collins, b. 1876; m. Count Czaykowski (Rechid Bey), 1897.                                                                                                                                                                   |                            |
| 11. Frances Vanderbilt, b. 1836; d. 1866.                                                          |                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                            |                            |
| 12. George Vanderbilt, b. 1841; d. 1863.                                                           |                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                            |                            |

THE COULDS.

DESCENDANTS OF JAY GOULD.

Born May 27, 1836; married Helen Day Miller, 1863; died 1892.

| CHILDREN.                                                      | Grandchildren.                                                                                                                                                                                            | Great-Grandchildren. | Great-Great-Grandchildren. |
|----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------------|
| 1. George Jay Gould, b. 1864; m. Edith Kingdon, 1886.          | 1. Kingdon Gould, b. 1887.<br>2. Jay Gould, b. 1888.<br>3. Marjorie Gwynne Gould, b. 1890.<br>4. Helen Vivian Gould, b. 1892.<br>5. George Jay Gould, Jr., b. 1896.<br>6. Edith Katherine Gould, b. 1901. |                      |                            |
| 2. Edwin Gould, b. 1866; m. Sarah Shrady, 1892.                | 1. Edwin Gould, b. 1893.<br>2. Frank Miller Gould, b. 1899.                                                                                                                                               |                      |                            |
| 3. Helen Miller Gould, b. 1868.                                |                                                                                                                                                                                                           |                      |                            |
| 4. Howard Gould, b. 1871; m. Katherine Clemmons, 1898.         |                                                                                                                                                                                                           |                      |                            |
| 5. Anna Gould, b. 1875; m. Count Boniface de Castellane, 1895. | 1. George Gustave de Castellane, b. 1895.<br>2. Jay de Castellane, b. 1902.                                                                                                                               |                      |                            |
| 6. Frank Jay Gould, b. 1877; m. Helen Margaret Kelly, 1901.    | 1. Helen Margaret Kelly, b. 1902.                                                                                                                                                                         |                      |                            |

## THE ASTORS.

## DESCENDANTS OF JOHN JACOB ASTOR.

Born at Waldorf, Germany, 1763; married Sarah Todd, cousin of Henry Brevoort, in New York, 1785; died 1848.

| CHILDREN.                                                                                                               | Grandchildren.                                                                                         | Great-Grandchildren.                                                                                                                                                                                                                   | Great-Great-Grandchildren.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Magdalena Astor, b. 1786; m. 1st. Gov. Adrien B. Bentzen, of Santa Cruz, 1807; 2d. Rev. John Bristed, 1820; d. 1854. | 1. Charles Astor Bristed, b. 1822; m. 1st. Laura Brevoort, 1847; 2d. Grace A. Sedgwick, 1867; d. 1897. | 1. John Jacob Astor Bristed, b. 1848; d. 1880.<br>2. Charles Astor Bristed, b. 1868; m. Mary Rosa Donnelly, 1894.                                                                                                                      | 1. Mary Rosa Bristed.<br>2. Catharine Bristed.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 2. John Jacob Astor, b. 1788; d. 1834.                                                                                  |                                                                                                        |                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 3. Eliza Astor, b. 1790; m. Count Rampff, 1825; d. 1836.                                                                |                                                                                                        |                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 4. William Backhouse Astor, b. 1792; m. Margaret Alida Armstrong, 1818; d. 1873.                                        | 1. Emily Astor, b. 1821; m. Samuel Ward, 1838; d. 1841.                                                | 1. Margaret Alida Ward, b. 1838; m. John Winthrop Chanler, 1856; d. 1875.                                                                                                                                                              | 1. John Armstrong Chanler, b. 1857; m. Amelie Rives, 1888.<br>2. Winthrop Astor Chanler, b. 1859; m. Margaret Terry, 1882, and had issue: 1. Laura Astor Chanler; 2. John Winthrop Chanler, d. 1894; 3. Margaret Astor Chanler; 4. Beatrice Chanler, b. 1891; 5. Hester Chanler, 6. a son; 7. a son.<br>3. Elizabeth Astor Chanler; m. John J. Chapman, 1898, and had issue: Chanler Chapman, b. 1901.<br>4. William Astor Chanler, m. Julia Remington Chamberlain, 1893, and had issue: Dorothy Chanler.<br>5. Margaret Livingston Chanler<br>6. Alida Beekman Chanler; m. Temple Emmet, 1896, and had issue: 1. Elizabeth Emmet; 2. Margaret Emmet; 3. Alida Emmet; 4. Temple Emmet, Jr.<br>8. Lewis Stuyvesant Chanler; m. Alice Chamberlain, 1890, and had issue: 1. Lewis Stuyvesant Chanler, Jr., b. 1891; 2. Alida Chanler, b. 1894; 3. William Astor Chanler, b. 1895. |
|                                                                                                                         | 2. John Jacob Astor, b. 1822; m. Charlotte Augusta Gibbes, 1846; d. 1890.                              | 1. William Waldorf Astor, b. 1847; m. Mary Dahlgren Paul, 1878; she died 1895.                                                                                                                                                         | 1. William Waldorf Astor, b. 1878.<br>2. Pauline Astor, b. 1880.<br>3. John Jacob Astor, b. 1886.<br>4. Gwendolin Astor, b. 1889; d. 1902.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                                                                                                         | 3. Laura Astor, b. 1824; m. Franklin Deano, 1841.                                                      |                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                                         | 4. Mary Alida Astor, b. 1826; m. John Carey, 1850; d. 1881.                                            | 1. Arthur Astor Carey; m. Agnes Whiteside, 1889.<br>2. Hamilton Astor Carey; d. 1893.<br>3. Margaret Laura Carey; m. 1st. Baron de Steurs; 2d. Elliot Zborowsky.                                                                       | 1. Reginald Carey.<br>2. Arthur Graham Carey.<br>3. Alida Carey.<br>1. Margaret Eugenia Victorine de Steurs.<br>2. John Herbert Eugene Francois de Steurs.<br>3. Hubert Victor Arthur de Steurs.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                                                                                         | 5. William Astor, b. 1830; m. Caroline Webster Schermerhorn, 1853.                                     | 1. Emily Astor, b. 1854; m. James J. Van Alen, 1876; d. 1881.<br>2. Helen Astor, b. 1856; m. James Roosevelt Roosevelt, 1876; d. 1893.<br>3. Charlotte Augusta Astor, b. 1858; m. 1st. J. Coleman Dayton, 1877; 2d. George Halg, 1896. | 1. Mary Van Alen, b. 1877.<br>2. James Laurens Van Alen, b. 1879; m., 1901, Margaret Post, and had issue: James Henry Van Alen, b. 1902.<br>3. Sarah Steward Van Alen, b. 1880.<br>1. James Roosevelt Roosevelt, b. 1878.<br>2. Helen Rebecca Roosevelt, b. 1880.<br>1. Caroline A. Drayton, b. 1880.<br>2. Henry Coleman Drayton, b. 1881.<br>3. William B. A. Drayton, b. 1885.<br>4. Alida Livingston Drayton, b. 1890.                                                                                                                                                                                                                                                                                                                                                                                                                                                     |



THE ASTORS—Continued.

| CHILDREN.                                                     | Grandchildren.                                                       | Great-Grandchildren.                                                                                                                                                                                                                                                                                                     | Great-Great-Grandchildren.                                                                                                                                  |
|---------------------------------------------------------------|----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4. William Backhouse Astor (Continued).                       | 5. William Astor (Continued).                                        | 4. John Jacob Astor, b. 1844; m. Ava Willing, 1891.                                                                                                                                                                                                                                                                      | 1. William Vincent Astor, b. 1892.<br>2. Caroline Astor, b. 1894.<br>3. Daughter, b. 1902.                                                                  |
|                                                               |                                                                      | 5. Caroline S. Astor, b. 1863; m. Marshall Orme Wilson, 1884.                                                                                                                                                                                                                                                            | 1. Marshall Orme Wilson, Jr., b. 1885.<br>2. Richard Thornton Wilson, b. 1888.                                                                              |
| 5. Henry Astor, b. 1794; d. 1808.                             | 6. Henry Astor, b. 1832; m. Malvina Dykeman, 1852.                   |                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                             |
| 6. Dorothea Astor, b. 1795; m. Walter Langdon, 1812; d. 1853. | 1. Sarah Langdon, b. 1813; m. Francis K. Boreel, 1834; d. 1897.      | 1. William Walter Astor Boreel, b. 1838; m. Mary Emily Milbank; d. 1892.<br>2. Eliza Boreel; m. Baron H. W. Pallandt.<br>3. Alfred Boreel; m. daughter of Baron de Mydrecht.<br>4. Robert Boreel; d. 1896.<br>5. Daughter; m. Baron Otto Groenice.<br>6. Daughter, unmarried.                                            | 1. Robert John Ralph Boreel, m. Miss Ives.                                                                                                                  |
|                                                               | 2. John J. A. Langdon, b. 1814, d. 1837.                             |                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                             |
|                                                               | 3. Eliza Langdon, b. 1816; m. Matthew Wilks, 1842; d. 1899.          | 1. Eliza Wilks; m. Byam K. Stevens, 1869.<br>2. Alice Wilks; m. William N. Keefer, M. D.<br>3. Langdon Wilks, b. 1855; m. Pauline Kingsmill, 1891.<br>4. Matthew Astor Wilks.<br>5. Katherine Langdon Wilks.                                                                                                             | 1. Matthew Wilks Keefer.<br>2. Petrea Keefer.<br>3. Eliza Christine Keefer.                                                                                 |
|                                                               | 4. Louisa Langdon, b. 1819; m. Delancey Kane, 1841.                  | 1. Walter Langdon Kane; b. 1851; m. Mary Hunter, 1877.<br>2. Delancey Astor Kane, b. 1852; m. Eleanor Iselin, 1872.<br>3. John Innes Kane, b. 1855; m. Annie Schermerhorn, 1878.<br>4. Louisa Langdon Kane.<br>5. Emily Kane, m. Augustus Jay, 1876.<br>6. Sybil Kane.<br>7. Woodbury Kane.<br>8. Samuel Nicholson Kane. | 1. Carolyn Hunter Kane; m. Edgar M. Pieps, 1900.<br>2. Helen Dorothy Kane.<br>3. Delancey Iselin Kane.<br><br>1. Delancey Kane Jay.<br>2. Augustus Jay, Jr. |
|                                                               | 5. Walter Langdon, b. 1821, m. Catherine Livingston, 1847; d. 1893.  |                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                             |
|                                                               | 6. Woodbury Langdon, b. 1824; m. Helen Colford Jones, 1847; d. 1892. | 1. Woodbury Gersdorf Langdon, b. 1850; m. Sophie E. Montgomery, 1882.                                                                                                                                                                                                                                                    | 1. Sophie E. Langdon, b. 1883.<br>2. Woodbury G. Langdon, Jr.<br>3.)<br>4.) Three younger children.<br>5.)                                                  |
|                                                               | 7. Cecelia Langdon, b. 1827, m. Jean de Notbeck, 1849.               | 1. Eugenia de Notbeck, b. 1822.<br>2. Cecelia de Notbeck, b. 1856.<br>3. A daughter.<br>4. A son.                                                                                                                                                                                                                        |                                                                                                                                                             |
|                                                               | 8. Eugene Langdon, b. 1832; m. Harriet Lowndes, 1859; d. 1868.       | 1. Marion Langdon, b. 1864; m. Royal Phelps Carroll, 1891.<br>2. Annie Langdon, b. 1855; m. Howard Townsend, 1894.                                                                                                                                                                                                       | 1. Marion Dorothea Carroll.<br><br>1. Anne Langdon Townsend.<br>2. Howard Van Rensselaer Townsend.<br>3. Eugene Langdon Townsend.                           |

THE CARNEGIES.

DESCENDANT OF ANDREW CARNEGIE.

Born at Dumfermline, Scotland, 1837; married, 1887, Louise Whitfield.

| CHILDREN.                   | Grandchildren. | Great-Grandchildren. | Great-Great-Grandchildren. |
|-----------------------------|----------------|----------------------|----------------------------|
| Margaret Carnegie, b. 1889. |                |                      |                            |

There are relatives of Mr. Carnegie residing in the United States, including his brother, Thomas Carnegie, and family at Pittsburgh, Pa., but Andrew Carnegie is alone the founder of the American multi-millionaire family.

## THE AMERICAN MULTI-MILLIONAIRES—Continued.

## THE ROCKEFELLERS.

## DESCENDANTS OF WILLIAM A. ROCKEFELLER.

Born 1811; married Eliza Davidson.

| CHILDREN.                                                               | Grandchildren.                                                                                                                                                                                                                                                           | Great-Grandchildren.               | Great-Great-Grandchildren. |
|-------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|----------------------------|
| 1. John D. Rockefeller, b. 1839;<br>m. Laura C. Spellman, 1867.         | 1. Elizabeth Rockefeller, b. 1809; m. Rev. Dr. Charles A. Strong, 1889.<br>2. Edith Rockefeller, b. 1872;<br>m. Howard McCormick, 1896.<br>3. Alta Rockefeller, b. 1874;<br>m. E. Parmalee Prentice.<br>4. John D. Rockefeller, b. 1877;<br>m. Abby Green Aldrich, 1901. | 1. Howard John McCormick, b. 1897. |                            |
| 2. William Rockefeller, b. 1841;<br>m. Almira Geraldine Goodsell, 1864. | 1. William G. Rockefeller, b. 1873; m. Elsie Stillman, 1896.<br>2. Emma Rockefeller, b. 1875;<br>m. Dr. David H. McAlpin, 1896.<br>3. Percy Avery Rockefeller, b. 1877; m. Isabel G. Sulliman, 1901.<br>4. Ethel Geraldine Rockefeller; b. 1880.                         |                                    |                            |

## THE MORGANS.

## DESCENDANTS OF JUNIUS SPENCER MORGAN.

Born 1813; married, 1836, Juliet Pierpont; died 1890.

| CHILDREN.                                                                                 | Grandchildren.                                                                                                                                                                                                                                               | Great-Grandchildren.                                                                                                                                                                                                                           | Great-Great-Grandchildren. |
|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| 1. John Pierpont Morgan, b. 1837; m. 1st, Amella Sturges, 1865; 2d, Frances Louise Tracy. | 1. Louisa Pierpont Morgan, b. 1866; m. 1904, Herbert Livingston Satterlee.<br>2. John Pierpont Morgan, Jr., b. 1867; m. 1890, Jane Norton Grew.<br>3. Juliet Pierpont Morgan, b. 1870; m. 1894, William Pier-son Hamilton.<br>4. Anne Tracy Morgan, b. 1873. | 1. Mabel Morgan Satterlee.<br>1. Junius Spencer Morgan; b. 1892.<br>2. Jane Norton Morgan.<br>3. Frances Tracy Morgan.<br>4. Henry Sturgis Morgan.<br>1. Helen Morgan Hamilton.<br>2. Pierpont Morgan Hamilton.<br>3. Laurens Morgan Hamilton. |                            |
| 2. Sarah Spencer Morgan, b. 1839; m. 1866, George Hale Morgan; d. 1896.                   | 1. Junius Spencer Morgan; m. Josephine Adams Perry.<br>2. Caroline Lucy Morgan.<br>3. George D. Morgan.                                                                                                                                                      | 1. Sarah Spencer Morgan.<br>2. Alexander Perry Morgan.                                                                                                                                                                                         |                            |
| 3. Mary Lyman Morgan, b. 1844; m. 1867, Walter Haynes Burns; he died 1897.                | 1. William Burns; died an infant.<br>2. Walter Spencer Morgan Burns.<br>3. Mary Burns; m. Lewis Ver-non Harcourt.                                                                                                                                            | 1. Doris Vernon Harcourt.<br>2. Olivia Harcourt.                                                                                                                                                                                               |                            |
| 4. Junius Spencer Morgan, b. 1846; d. 1858; unmarr ed.                                    |                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                |                            |
| 5. Juliet Pierpont Morgan, b. 1847; m. Rev. John B. Morgan.                               | 1. Ursula Junius Morgan.<br>2. John Junius Morgan.                                                                                                                                                                                                           |                                                                                                                                                                                                                                                |                            |

## The Monroe Doctrine.

"THE Monroe doctrine" was enunciated in the following words in President Monroe's message to Congress December 2, 1823:

"In the discussions to which this interest has given rise, and in the arrangements by which they may terminate, the occasion has been deemed proper for asserting, as a principle in which rights and interests of the United States are involved, that the American continents, by the free and independent condition which they have assumed and maintain, are henceforth not to be considered as subjects for future colonization by any European power. We owe it, therefore, to candor and to the amicable relations existing between the United States and those powers to declare that we should consider any attempt on their part to extend their system to any portion of this hemisphere as dangerous to our peace and safety. With the existing colonies or dependencies of any European power we have not interfered and shall not interfere. But with the governments who have declared their independence and maintain it, and whose independence we have, on great consideration and on just principles, acknowledged, we could not view any interposition for the purpose of oppressing them or controlling in any other manner their destiny by any European power in any other light than as the manifestation of an unfriendly disposition toward the United States."

## Death Roll of 1902.

Age at death is given in parentheses; vocation, place, cause, and time of death when known follow.

- Abel, Sir Frederick A. (76), British chemist, London, Eng., Sept. 8.
- Acton, Baron (Rt. Hon. Sir John Dalberg-Acton) (68), historian, Tergensee, Bavaria, June 19.
- Adams, Charles K. (67), educator, ex-President University of Wisconsin, Redlands, Cal., Bright's disease, July 26.
- Agnew, Daniel (92), ex-Chief Justice of the Supreme Court of Pennsylvania, Beaver, Pa., March 9.
- Albert, King of Saxony (74), Dresden, Germany, June 19.
- "Alexander, Mrs." (Annie Alexander Hector) (77), novelist, London, Eng., July 10.
- Allen, John J., American railroad and steamship manager, London, Eng., Nov. 25.
- Aloisi-Masella, Gaetano (76), Roman Catholic Cardinal, Rome, Nov. 22.
- Altgeld, John P. (55), ex-Governor of Illinois, Joliet, Ill., cerebral hemorrhage, March 12.
- Andrews, George P. (67), jurist, New York City, apoplexy, May 24.
- Ashmead-Bartlett, Sir Ellis (58), publicist, London, Eng., Jan. 18.
- Babcock, Samuel D. (81), New York banker, Lenox, Mass., heart failure, Sept. 14.
- Bailey, Philip J. (86), poet, Nottingham, Eng., Sept. 6.
- Barnwell, Robert W. (53), Protestant-Episcopal Bishop of Alabama, Selma, Ala., appendicitis, July 24.
- Barrows, John Henry (55), educator and clergyman, Oberlin, O., pleuro-pneumonia, June 3.
- Beach, Miles (69), jurist, New York City, carbuncle, May 18.
- Beadshear, William M. (52), President Iowa State College, Aug. 5.
- Bierstadt, Albert (71), landscape painter, New York, Feb. 18.
- Brewster, James B. (85), carriage manufacturer, New York, March 9.
- Brown, George D. (33), novelist, London, Eng., Aug. 28.
- Browne, Junius Henri, author, journalist, New York, April 2.
- Bruce, Saunders D. (77), turfman, writer, New York City, Jan. 31.
- Bryant, John Howard (94), poet and politician, Princeton, Ill., Jan. 14.
- Bryton, Frederick, actor, Rochester, N. Y., April 14.
- Buck, Alfred E. (70), U. S. Minister to Japan, Tokio, Japan, apoplexy, Dec. 4.
- Bullitt, John (78), lawyer, Philadelphia, Pa., Aug. 25.
- Butler, Samuel (67), author and composer, London, Eng., June 19.
- Butler, William Allen (77), lawyer and writer, Yonkers, N. Y., gastritis, Sept. 9.
- Camilla Urso (Mrs. Lueres) (60), violinist, New York, Jan. 21.
- Casati, Gaetano (64), soldier and African explorer, Rome, Italy, March 7.
- Chamberlain, Sir Neville B. (83), British Field Marshal, London, Eng., Feb. 18.
- Channing, William E. (84), author, Concord, Mass., Dec. 23, 1901.
- Clark, William, thread manufacturer, near Plymouth, Eng., rheumatic gout, June 3.
- Clarke, James C. (80), railroad man, Chicago, Ill., Bright's disease, Dec. 8.
- Clarke, Sir Andrew (78), statesman, engineer, London, Eng., March 31.
- Collis, Charles H. T. (64), soldier, lawyer, politician, Philadelphia, Pa., after an operation, May 11.
- Constant, Benjamin (57), painter, Paris, France, May 26.
- Cooper, Thomas S. (99), painter, oldest member of the Royal Academy, Harbledown, Eng. Feb. 7.
- Corrigan, Michael Augustus (62), Roman Catholic Archbishop of New York, New York City, pneumonia, May 5.
- Cox, Walter S. (76), jurist, Washington, D. C., June 25.
- Craig, William (42), President Roosevelt's Secret Service bodyguard, Pittsfield, Mass., trolley car accident, Sept. 3.
- Croke, Thomas W. (78), Roman Catholic Archbishop of Cashel, Ireland, July 22.
- Croly, Jennie C. ("Jennie June") (73), journalist and clubwoman, New York City, Dec. 23, 1901.
- Cummings, Amos J. (64), journalist and Representative in Congress from New York City, Baltimore, Md., Bright's disease and pneumonia, May 2.
- Cutler, Henry S., composer, Swampscott, Mass., Dec. 5.
- Daniell, John (81), merchant, New York City, March 6.
- Davis, Noah (83), jurist, New York, March 20.
- Dean, J. Ward (85), genealogist, author, Medford, Mass., Jan. 22.
- De Bloch, Jean (67), political economist, author, and railroad expert, Warsaw, Russia, Jan. 6.
- De Graffenreid, Reese C. (43), Representative in Congress from Texas, Washington, D. C., apoplexy, Aug. 29.
- De Mello, Custodio, Brazilian Admiral and revolutionist, March 18.
- De Vere, Aubrey Thomas, poet, London, Eng., Jan. 21.
- Dillon, John A. (59), journalist, Bar Harbor, Me., pleurisy, Oct. 15.
- Doel, James (98), actor, Plymouth, Eng., Aug. 29.
- Du Barail, Francois Charles (82), soldier, statesman, Paris, France, Jan. 31.
- Dufferin, Frederick, Marquis of (76), ex-Governor-General of Canada, ex-Viceroy of India, diplomatist, Clandeboye, Ireland, Feb. 12.
- Dupont, Eugene (61), powder manufacturer, Jan. 28.
- Durand, Alice Marie Celeste ("Henri Greville") (60), French writer, May 26.
- Earl, Robert M. (78), jurist, Herkimer, N. Y., paralysis, Dec. 2.
- Eaton, Charles H. (50), clergyman, Tryon, N. C., angina pectoris, April 14.
- Eggleston, Edward (65), author, Jones Lock, Lake George, N. Y., Sept. 3.
- Emmet, Richard S. (81), lawyer, New Rochelle, N. Y., Nov. 23.
- English, Thomas Dunn (81), poet, journalist, and statesman, Newark, N. J., April 1.
- Estey, Julius S. (57), organ manufacturer, Brattleboro, Vt., March 7.
- Eyre, Charles (85), Roman Catholic Archbishop of Glasgow, March 27.
- Fair, Charles L. (35), millionaire, near Evreux, France, automobile accident, Aug. 14.
- Feehan, Patrick A. (73), Roman Catholic Archbishop of Chicago, Chicago, Ill., apoplexy, July 12.
- Field, R. M. (67), manager of the Boston Museum, Jamaica Plain, Mass., Bright's disease, Nov. 11.
- Fife, William, Sr. (79), yacht builder, Scotland, Jan. 13.

- Fish, Nicholas (56), banker and President of the New York State Society of the Cincinnati, New York City, Sept. 16.
- Ford, Paul Leicester (37), author, New York, assassinated, May 8.
- Forney, John H. (73), ex-Confederate Major-General, Jacksonville, Ala., Sept. 13.
- Poster, Mrs. John A., the "Tombs Angel," New York, Feb. 22.
- Fowler, Joseph S. (82), ex-U. S. Senator from Tennessee, Washington, D. C., April 1.
- Francis d'Assisi, ex-King of Spain (80), Epinay, France, April 16.
- Gallaudet, Thomas (80), clergyman and deaf-mute instructor, New York City, heart trouble, Aug. 27.
- Gardiner, Samuel R. (73), English historian, Feb. 24.
- Gibbs, James E. A. (73), inventor of sewing machines, Raphine, Va., Nov. 25.
- Gilbert, Sir Joseph Henry (86), agricultural chemist, England, Dec. 23, 1901.
- Godkin, Edwin Laurence (71), editor, Brixham, Eng., hemorrhage of the brain, May 20.
- Grant, Julia Dent (76), widow of Ulysses S. Grant, Washington, D. C., heart disease, Dec. 14.
- Gray, Horace (74), jurist, Nahant, Mass., paralysis, Sept. 15.
- Green, Edward (80), husband of Hetty Green, Bellows Falls, Vt., March 19.
- Haldeman, Walter N. (81), journalist, Louisville, Ky., result of accident, May 13.
- Hall, Newman (86), Congregational clergyman and author, London, Eng., Feb. 18.
- Hampton, Wade (84), ex-Confederate soldier and statesman, ex-Governor of South Carolina and ex-United States Senator, Columbia, S. C., heart disease, April 11.
- Hamud bin Mohamed, Sultan of Zanzibar, Zanzibar, paralysis, July 18.
- Harkins, Daniel H., actor, San Francisco, Cal., Dec. 7.
- Harte, F. Bret (63), author and poet, Cambridge, Eng., hemorrhage, May 6.
- Hartley, Marcellus (74), financier and philanthropist, New York, heart disease, Jan. 7.
- Helmuth, William Tod (63), surgeon, New York City, heart disease, May 15.
- Hemphill, William A. (60), founder of the Atlanta Constitution, Atlanta, Ga., Aug. 17.
- Henty, George A. (70), writer of juvenile books, Weymouth, Eng., paralysis, Nov. 16.
- Hepworth, George H. (69), clergyman and writer, New York, heart failure, June 7.
- Hersh, Nelson (41), journalist, New York, accident, Nov. 20.
- Herve, A. E. A. Faye (88), astronomer, France, July 4.
- Hitchcock, Henry (73), lawyer, St. Louis, Mo., March 18.
- Hoadly, George (76), ex-Governor of Ohio, lawyer, Watkins, N. Y., Aug. 26.
- Hoe, Peter S. (81), printing-press manufacturer, Montclair, N. J., Aug. 23.
- Hoffman, Eugene A. (73), clergyman and educator, Rouse's Point, N. Y., June 17.
- Holbrook, Martin L. (71), physician, publisher, New York, Aug. 12.
- Hooker, George W. (64), manufacturer, politician, Brattleboro, Vt., heart disease, Aug. 6.
- Horton, Albert H. (65), ex-Chief Justice of Kansas, Sept. 2.
- Houghton, James C. (61), life insurance president (Vermont), Naples, Italy, March 4.
- House, Edward H. (66), journalist, Yotsuya, Tokio, Japan, Dec. 18, 1901.
- Howe, William F. (74), lawyer, New York, heart disease, Sept. 2.
- Hughes, Hugh Price (55), preacher and reformer, London, Eng., Nov. 17.
- Jones, Frank (70), brewer, capitalist, Portsmouth, N. H., Oct. 2.
- Joseph, Jacob (62), Jewish rabbi, New York, paralysis, July 28.
- Jonett, James E. (74), Rear-Admiral U. S. N. (retired), Sandy Spring, Md., Oct. 1.
- Kimberley, Earl of, John (76), statesman, London, Eng., April 8.
- Kimberly, Lewis A. (72), Rear-Admiral U. S. N. (retired), West Newton, Mass., Jan. 28.
- King, Clarence (60), geologist, Dec. 24, 1901.
- Knowles, Edwin (56), theatrical manager, Brooklyn, N. Y., paralysis, April 14.
- Krupp, Frederick Alfred (48), gunmaker, Essen, Germany, apoplexy, Nov. 22.
- Latane, James A. (71), Reformed Episcopal Bishop, Baltimore, Md., pneumonia, Feb. 22.
- Latrobe, Charles H. (69), civil engineer, Baltimore, Md., Sept. 19.
- Leary, Richard P. (59), Captain U. S. N., and ex-Governor of Guam, Chelsea, Mass., Dec. 27, 1901.
- Ledochowski, Mieczyslaw (80), Cardinal, Rome, Italy, July 22.
- Legate, James F. (72), politician, Leavenworth, Kan., paralysis, Aug. 4.
- Lidderdale, William (70), financier, ex-Governor of the bank of England, London, Eng., June 26.
- Lieber, Ernst (64), German statesman, Berlin, Germany, March 31.
- Lindsay, Robert Burns (78), ex-Governor of Alabama, Feb. 13.
- Long, Charles D. (61), Justice Supreme Court of Mich., June 27.
- Loring, Charles D. (74), director of the Boston Museum of Fine Arts, Boston, Mass., Aug. 18.
- Mackay, John W. (71), financier, promoter, London, Eng., heat prostration, July 20.
- Marie Henriette, Queen of the Belgians (66), Spa, Belgium, syncope, Sept. 19.
- Marquand, Henry G. (82), President Metropolitan Museum of Art, N. Y., New York City, Feb. 26.
- Marsh, Luther R. (89), lawyer, Spiritualist, Middletown, N. Y., Aug. 15.
- McCalmont, Harry L. B. (41), sportsman, London, Eng., heart disease, Dec. 8.
- McMillan, James (64), United States Senator from Michigan, Manchester, Mass., pneumonia, Aug. 10.
- Mesdag, Hendrik Willem (71), painter, Amsterdam, Holland, Aug. 4.
- Meyer, Lucas, Boer General, Brussels, Belgium, heart disease, Aug. 8.
- Morgan, Thomas J. (63), ex-Commissioner of Indian Affairs, Ossining, N. Y., nephritis, July 13.
- Moorman, George (61), Adjutant-General of the United Confederate Veterans, New Orleans, Dec. 16.
- Morton, Henry (66), President of Stevens Institute of Technology, New York, May 9.
- Morton, J. Sterling (70), ex-Secretary of Agriculture, Lake Forest, Ill., cerebral thrombus, April 27.
- Mundé, Paul F. (56), gynecologist, New York, heart disease, Feb. 7.
- Myer, Isaac (66), Egyptologist, Narragansett Pier, R. I., Aug. 2.
- Nast, Thomas (62), cartoonist, U. S. Consul-General at Guayaquil, Ecuador, yellow fever, Dec. 7.
- Norris, Frank (32), novelist, San Francisco, Cal., appendicitis, Oct. 25.
- O'Brien, Cornelius ("Neil Bryant") (72), minstrel, Brooklyn, N. Y., March 6.
- Ochiltree, Thomas P. (62), promoter, Hot Springs, Va., heart disease, Nov. 25.
- Oddie, John V. S. (57), Secretary of the New York Yacht Club, New York, Jan. 16.
- O'Neill, Hugh (58), merchant, New York, March 16.
- Osborne, William McK. (60), U. S. Consul-General in London, London, Eng., Bright's disease and dropsy, April 29.
- Otey, Peter J. (62), Representative in Congress from Virginia, Lynchburg, Va., May 4.
- Palmer, Alice Freeman (47), educator, Paris, France, Dec. 6.
- Palmer Benjamin M. (84), clergyman, New Orleans, La., accident, May 28.
- Palmer, Potter (76), merchant, Chicago, Ill., heart failure, May 4.

- Parker, Joseph** (72), Congregational preacher and writer, London, Eng., Nov. 29.
- Pauncefote, Lord** — **Julian Pauncefote** — (75), British Ambassador to the United States, Washington, D. C., gout and asthma, May 24.
- Penoyer, Sylvester** (71), ex-Governor of Oregon, Portland, Ore., heart failure, May 30.
- Perth, George Drummond**, Earl of Perth and Melfort (95), Feb. 28.
- Polk, Rufus K.** (35), Representative in Congress from Pennsylvania, March 4.
- Powell, John W.** (68), geologist, anthropologist, Haven, Me., Sept. 23.
- Power, Maurice J.** (66), politician, New York, diabetes, Sept. 8.
- Pruden, Oscar L.** (59), Assistant Secretary to the President, Washington, April 19.
- Rattazzi, Mme.** (72), journalist and writer, Paris, France, in February.
- Rawlinson, George**, Canon of Canterbury (90), historian, Canterbury, Eng., Oct. 6.
- Reed, Thomas Brackett** (63), ex-Speaker of the House of Representatives, Washington, D. C., uræmia, Dec. 7.
- Rhodes, Cecil John** (49), statesman, Cape Town, South Africa, heart disease, March 26.
- Richmond, William E.** ("Billy" Emerson) (56), minstrel, Feb. 22.
- Roach, William N.** (62), ex-United States Senator from North Dakota, Sept. 7.
- Robbins, Royal E.** (78), watch manufacturer, Boston, Mass., July 23.
- Roe, Francis A.** (78), Rear-Admiral U. S. Navy, Washington, D. C., Dec. 23, 1901.
- Rouss, Charles B.** (66), merchant, New York, pneumonia, March 3.
- Russell, Charles A.** (50), Representative in Congress from Connecticut, Danielson, Ct., Bright's disease, Oct. 23.
- Russell, Sol Smith** (54), actor, Washington, D. C., April 28.
- Ryer, George W.** (57), dramatist and theatrical manager, Brooklyn, N. Y., Bright's disease, Nov. 20.
- Salmon, Joshua S.** (56), Representative in Congress from New Jersey, Boonton, N. J., paralysis, May 6.
- Sampson, William T.** (62), Rear-Admiral U. S. N. (retired), Washington, D. C., hemorrhage, May 6.
- Saxe-Weimar, Edward**, Prince of, and British Field Marshal (79), London, Eng., appendicitis, Nov. 16.
- Schenk, Samuel L.**, embryologist, author of "The Determination of Sex," Schwanberg, Styria, Aug. 18.
- Schlauch, Lorenz** (78), Cardinal, Gross-Wardein, Hungary, July 10.
- Scholl, Aurelien** (69), author, journalist, and dramatist, Paris, France, after an operation, April 16.
- Scudder, Horace Elisha** (63), author and editor, Cambridge, Mass., Jan. 11.
- Selfridge, Thomas O.** (99), Rear-Admiral U. S. N. (retired), Boston, Mass., Oct. 15.
- Sewell, William J.** (66), U. S. Senator from New Jersey, Camden, N. J., diabetes, Dec. 27, 1901.
- Shaler, Ira A.** (40), civil engineer, New York, July 29.
- Shepherd, Alexander R.** (67), ex-Governor of the District of Columbia, Batopilas, Mexico, peritonitis, Sept. 12.
- Sheppard, John L.** (50), Representative in Congress from Texas, Eureka Springs, Ark., Oct. 12.
- Sidi Ali, Bey of Tunis** (86), Tunis, Tunis, June 11.
- Sigel, Franz** (78), soldier, journalist, New York, Aug. 21.
- Singer, Isaac A.** (65), sewing machine manufacturer, Sept. 25.
- Sorg, Paul J.** (62), ex-Representative in Congress from Ohio and tobacco manufacturer, Middletown, O., May 28.
- Spalding, John F.** (74), Bishop of Denver, Col., Erie, Pa., pneumonia, March 9.
- Speyer, George** (66), banker, Frankfurt, Germany, April 24.
- Sprague, Amasa** (74), manufacturer, Warwick, R. I., Aug. 4.
- Stanley, David S.** (74), Brigadier-General U. S. A., retired, Washington, D. C., Bright's disease, March 13.
- Stanton, Elizabeth Cady** (87), woman suffragist, New York, Oct. 26.
- Stevens, Benjamin F.**, bookseller, Surbiton, Eng., March 6.
- Stockton, Frank R.** (68), novelist, Washington D. C., paralysis, April 20.
- Stoddard, Elizabeth D. B.** (79), author, New York, pneumonia, Aug. 1.
- Stokes, Gen. Sir John** (77), British engineer, Ewell, Surrey, Eng., Nov. 17.
- Stratton, William S.** (54), millionaire miner, Colorado Springs, Col., Sept. 14.
- Taft, Russell Smith** (67), Chief Justice of the Supreme Court of Vermont, Montpelier, March 22.
- Talmage, T. De Witt** (70), clergyman and writer, Washington, D. C., pneumonia, April 12.
- Tappen, Frederick D.** (73), New York financier, Lakewood, N. J., Feb. 28.
- Taylor, William** (81), Methodist Episcopal Bishop, Palo Alto, Cal., May 18.
- Temple, Sir Richard, Bart.** (76), British East Indian official, London, Eng., March 17.
- Thayer, James B.** (71), professor of Harvard Law School, Feb. 14.
- Thompson, Hugh M.** (72), Protestant Episcopal Bishop of Mississippi, Jackson, Miss., cancer of the throat, Nov. 18.
- Tiffauy, Charles L.** (90), jeweller, Irvington-on-the-Hudson, N. Y., pneumonia, Feb. 18.
- Tingay, Mrs. ("Ada Gray")** (57), actress, Fordham, N. Y., Aug. 27.
- Tisza, Koloman** (72), Hungarian statesman, Budapest, Hungary, March 23.
- Tousey, Frank** (49), publisher, New York, Sept. 7.
- Tissot, James J. J.** (66), French painter, Aug. 9.
- Upson, Anson Judd** (82), Chancellor of the University of the State of New York, Glens Falls, N. Y., June 15.
- Van Oleaf, Paul D.** (85), clergyman, Jersey City, N. J., Nov. 26.
- Vibert, Jehan Georges** (62), painter, Paris, France, July 23.
- Viele, Egbert L.** (77), soldier, engineer, New York, heart disease, April 22.
- Virchow, Rudolf** (81), pathologist, Berlin, Germany, Sept. 5.
- Von Bennigsen, Rudolph** (78), German statesman, Hanover, Germany, Aug. 8.
- Warren, George W.** (74), organist, composer, New York, apoplexy, March 16.
- Washington, Littleton Q.**, journalist, Washington, D. C., Nov. 4.
- Watson, John J.** (72), violinist and composer, Boston, Mass., Aug. 6.
- Wales, Salem H.** (77), merchant, New York, apoplexy, Dec. 2.
- West, William H.** (45), minstrel, Chicago, Ill., cancer, Feb. 15.
- Whittle, Francis M.** (78), Protestant Episcopal Bishop of Virginia, Richmond, Va., June 18.
- Whipple, William D.** (77), Major-General U. S. A. (retired), New York, pneumonia, April 2.
- Williams, Marshall J.** (65), Chief Justice of the Supreme Court of Ohio, July 7.
- Williams, William H.** (62), general manager of the American News Company, New York, July 17.
- Winner, Septimus** (75), composer of the "Mocking Bird" ballad, Philadelphia, Pa., Nov. 23.
- Young, Mrs. Eliza** (90), actress, New York, result of accident.
- Zola, Emile** (62), novelist, Paris, France, asphyxiation, Sept. 29.

## Record of Events in 1902.

Jan. 1. Seth Low and other reform officials entered office in New York City.

Jan. 6. Secretary Gage, of the Treasury, and Postmaster-General Smith resigned.

Jan. 6. The trustees of Columbia University unanimously chose Professor Nicholas Murray Butler President of the University.

Jan. 7. The Emperor and the Empress Dowager of China re-entered Peking.

Jan. 8. A collision in New York Central Tunnel, in New York City—17 persons killed and many injured.

Jan. 9. The Senate confirmed the nominations of Leslie M. Shaw as Secretary of the Treasury and of Henry C. Payne as Postmaster-General.

Jan. 11. Lewis Nixon became nominal leader of Tammany Hall, New York.

Jan. 20. President Roosevelt sent to Congress report of Isthmian Canal Commission recommending purchase of Panama Canal Company rights for \$40,000,000.

Jan. 27. Dynamite explosion in Rapid Transit Tunnel at Park Avenue and 41st Street, New York City. Many persons killed and injured and much property was destroyed.

Jan. 28. Santos-Dumont, aeronaut, made two successful trials of his airship at Monte Carlo.

Jan. 29. Andrew Carnegie gave \$10,000,000 to the trustees of the Carnegie Institution at Washington.

Feb. 2. Business section of Waterbury, Ct., was damaged by fire; loss, \$2,000,000.

Feb. 9. Fire in Paterson, N. J.; damage, \$8,000,000. One thousand families homeless.

Feb. 12. British-Japanese alliance to preserve the integrity of China and Korea was announced.

Feb. 16. About two thousand persons were killed by an earthquake around Shamaka, Transcaucasia.

Feb. 17. Treaty with Denmark for purchase of West Indian Islands was ratified by U. S. Senate.

Feb. 19. President Roosevelt refused to reopen the Sampson-Schley controversy.

Feb. 20. Rioting in Barcelona, Spain; five hundred persons were killed or injured.

Feb. 22. Seventeen lives were lost in the Park Avenue Hotel fire in New York City.

Feb. 23. Miss Ellen M. Stone and her companion, Mme. Tsilka, were released by the Macedonian brigands.

Feb. 23-March 11. Prince Henry of Prussia visited the United States to attend the launching of Emperor William's yacht Meteor.

Feb. 24. Prince Henry of Prussia exchanged calls with President Roosevelt.

Feb. 24. United States Supreme Court refused State of Minnesota leave to file bill of complaint against the Northern Securities Company (merger of Northern Pacific and Great Northern Railroads).

Feb. 25. German Emperor's new yacht Meteor was launched at Shooter's Island, New York Bay. Miss Alice Roosevelt christened it, Prince Henry being present.

Feb. 26. Five days' celebration of centenary of Victor Hugo's birth begun in Paris.

Feb. 27. Secretary Hay delivered eulogy on President McKinley before Congress.

March 5. The Red Star line steamer waesland sank after collision with the Harmonides off Holyhead.

March 10. Secretary Long resigned. William H. Moody, of Massachusetts, was appointed Secretary of the Navy.

March 11. Boers captured General Methuen and two hundred men; forty-one killed.

March 26. Cecil Rhodes died at Cape Town, South Africa.

April 3. Atlantic City, N. J., was visited by fire; loss exceeded \$1,000,000.

April 4. Provisions of the will of Cecil Rhodes

relating to scholarships for American and German students at Oxford were made public.

April 8. Convention signed at Peking between China and Russia, the latter agreeing to evacuate Manchuria.

May 5. Revolutionists in San Domingo deposed President Jimilez.

May 6. The first Congress of the Cuban Republic met in Havana.

May 6. Rear-Admiral William T. Sampson died.

May 7. Eruption of Mont La Soufriere, St. Vincent's, destroying two thousand people.

May 8. Eruption of Mont Pelee, Martinique, destroyed St. Pierre and thirty thousand inhabitants.

May 8. Paul Leicester Ford, novelist, was shot and killed by his brother, Malcolm.

May 12. Anthracite coal strike in Pennsylvania began.

May 14. Lewis Nixon resigned as leader of Tammany Hall.

May 17. Coronation of King Alfonso of Spain at Madrid.

May 20. Tomas Estrada Palma was inaugurated as first President of the Republic of Cuba.

May 23. Waldeck-Rousseau, Premier of France, resigned.

May 24. The Rochambeau Statue was dedicated at Washington, D. C., a delegation of French notables being present.

May 24. Lord Pauncefote, British Ambassador, died at Washington.

May 27. The Rochambeau delegation from France were received by a great military parade in New York, and dined with the Cincinnati in the evening.

May 30. The Rochambeau delegation were received with honors at Newport, R. I.

May 31. St. Louis Grand Jury indicted officials charged with corruption.

May 31. Lord Kitchener announced that Peace treaty had been signed between England and the Boers.

June 6. M. Combes formed a new French ministry.

June 9. Celebration of Centennial Anniversary of West Point Academy begun.

June 18. Rioting in Paterson during strike of silk dyers.

June 19. King Albert of Saxony died at Dresden.

June 24. King Edward submitted to an operation for appendicitis. The coronation set for June 26 was postponed.

July 4. President Roosevelt issued orders establishing civil government in the Philippines and granting amnesty for political prisoners.

July 9. The Vatican answered the note of Governor Taft, of the Philippines.

July 12. General Kitchener received a hearty welcome on his return to England and was decorated with the new Order of Merit by the King.

July 14. The famous Campanile at Venice, Italy, fell.

July 14. The Marquis of Salisbury resigned as Premier of England and Arthur J. Balfour succeeded.

July 16. Negotiations between Vatican and United States Government in regard to friars in Philippines were abandoned, the Pope being unable to consider sale of friars' lands.

July 25. A decree for closing of certain religious schools was signed by President Loubet. There was great excitement throughout France.

July 30. Disastrous floods in Texas.

July 30. Troops were ordered out to put down rioting at Shenandoah, Pa., among anthracite coal miners.

Aug. 3. Socialist demonstration in Paris in support of Government closing of religious schools was accompanied by some violence.

Aug. 4. Marconi wireless telegraph system was ordered to be established on Italian warships.

Aug. 6. Outlaw Harry Tracy, who eluded capture for several weeks, committed suicide in Oregon.

Aug. 9. Coronation of King Edward VII. and Queen Alexandra in Westminster Abbey.

Aug. 11. Justice Horace Gray, of the United States Supreme Court, retired; President Roosevelt appointed Justice Oliver Wendell Holmes, of Massachusetts, to succeed him.

Aug. 12. Incorporation of the International Harvester Company, with \$120,000,000 capital, in New Jersey.

Aug. 13. Judge Caron, in Quebec, released Gaynor and Greene, accused of defrauding the United States Government.

Aug. 16. Cordial reception in England of the Boer Generals Botha, De Wet, and Delarey.

Aug. 20. United States naval manoeuvres off New England coast began, and continued three weeks.

Aug. 21. The Cedric, of the White Star Line, was launched at Belfast; the largest steamer afloat, having 21,000 tons displacement.

Aug. 30-Sept. 4. Mont Pelee was again in violent eruption; over 2,000 people killed.

Sept. 3. Narrow escape of President Roosevelt near Pittsfield, Mass., his coach being struck by a trolley car. Secret Service Agent Craig was killed. President's injuries were slight.

Sept. 7. German gunboat Panther sank the Haitian gunboat Crete-a-Pierrot, flagship of Admiral Killick, who went down with his ship.

Sept. 14. McKinley Memorial Services were held in many places throughout the United States.

Sept. 16. Speaker Henderson refused to accept renomination to Congress because he disagreed with his constituents on the tariff question.

Sept. 17. Secretary Hay addressed note to powers signatory to Berlin treaty urging relief for Roumanian Jews.

Sept. 18. Lieut. Peary, Arctic explorer, arrived at Sydney, C. B., having penetrated as far north as 84° 17', northwest of Cape Hecla.

Sept. 19. The English aeronaut, Stanley Spencer, sailed his airship over London for 30 miles.

Sept. 19. Stampede at National Negro Baptist Convention in Birmingham, Ala., resulted in the death of over one hundred persons.

Sept. 23, 24. Rioting among iron and steel workers in anthracite coal region. Troops ordered out.

Sept. 28. Captain Sverdrup, Arctic explorer, returned to Christiania, Norway, in his vessel the Fram.

Sept. 29. Zola, the novelist, died by accidental asphyxiation at Paris.

Sept. 29. Typhoon at Yokohama, Japan, drove battle-ship ashore; 500 lives lost.

Sept. 29. Secretary Shaw took measures to relieve the money market.

Oct. 6. Canadian-Australian cable completed from Vancouver to Fanning Island, a distance of 3,455 miles.

Oct. 6. French coal miners, to the number of 25,000, went out on a strike.

Oct. 10. The Colombian Government protested formally against Admiral Casey's refusal to permit the transportation of soldiers across the Isthmus of Panama.

Oct. 14. The decision of The Hague tribunal in Pious Fund case adverse to Mexico and in favor of United States was announced.

Oct. 16. President Roosevelt appointed a commission to investigate and settle questions involved in the coal strike.

Oct. 17. The French Chamber of Deputies sustained the ministry on the question of the enforcement of the associations law.

Oct. 18. General Mendoza, the Venezuelan revolutionist, was defeated; left 3,000 killed and wounded.

Oct. 21. A convention of coal mine workers at Wilkes-Barre declared the strike off.

Oct. 21. The Samoan controversy was decided by King Oscar of Sweden adversely to the United States and England, and in favor of Germany.

Oct. 22. The Danish Upper House rejected the treaty to cede the Danish West Indian islands to the United States.

Oct. 25. Dr. Woodrow Wilson was inaugurated President of Princeton University.

Oct. 27. Wu Ting-fang, Chinese Minister at Washington, was re-called.

Oct. 28. General Uribe-Urbe, leader of the insurgents in Colombia, surrendered to the Government.

Oct. 28. About 1,600 Doukhobours marched into Yorktown, Northwest Territory, Canada, demanding food.

Oct. 30. The volcano Santa Maria in Guatemala was active and a large district was disturbed.

Nov. 4. The Venezuelan Government announced that the revolution was officially ended.

Nov. 4. A fireworks explosion at Madison Square, New York City, resulted in the death of 15 persons and injury of one hundred more.

Nov. 8. The Reciprocity treaty between United States and Newfoundland was signed.

Nov. 10. President Castro, of Venezuela, re-entered Caracas and issued bombastic proclamation.

Nov. 11. Roland B. Molineux was acquitted in New York on charge of poisoning Mrs. Adams, on a second trial.

Nov. 13. The Pennsylvania Railroad Company increased the salaries of employes earning less than \$200 per month by 10 per cent.

Nov. 15. An attempt upon the life of King Leopold of Belgium was unsuccessful.

Nov. 17. The ashes of Christopher Columbus were deposited in a special mausoleum in the cathedral of Seville, Spain.

Nov. 22. Frederick A. Krupp, head of the famous German firm of gunmakers at Essen, Germany, died.

Nov. 22. The civil war in Colombia was ended by the signing of a treaty of peace between the Government and the insurgents.

Nov. 24. Labor riots in Havana resulted in killing of two strikers, and in injury of 82 other persons.

Nov. 25. Joseph Chamberlain, British Colonial Minister, started on an official visit to South Africa.

Nov. 26. England and Germany united to press their claims upon Venezuela.

Nov. 27. Public hearing on Pennsylvania Tunnel Franchise in New York City.

Nov. 29. The United States Supreme Court denied a petition for an injunction against the State Board of Canvassers of Virginia on behalf of negroes disfranchised by the new State Constitution.

Dec. 7. Thomas B. Reed, ex-Speaker of the House of Representatives, died at Washington.

Dec. 8. The Assouan Dam on the Nile, in Egypt, was opened.

Dec. 9. Great Britain and Germany presented an ultimatum to Venezuela.

Dec. 9. The Venezuelan fleet was seized by British and German fleets.

Dec. 9. The United States Navy manoeuvres in the Caribbean resulted in the success of "White Squadron," representing the enemy.

Dec. 10. The British and German fleets landed marines at La Guayra, Venezuela, and seized the Custom-House.

Dec. 13. Mrs. Ulysses S. Grant died at Washington.

Dec. 14. The British and German cruisers bombarded and demolished a Venezuelan fort at Puerto Cabello.

Dec. 15. The Venezuelan Government appealed through the United States for arbitration of European claims.

## Acts of the Fifty-seventh Congress.

### FIRST SESSION.

THE principal bills of a public nature which became laws during the first session of the Fifty-seventh Congress, beginning December 2, 1901, and ending July 1, 1902, were as follows:

Chapter 18. An act to prevent the sale of firearms, opium, and intoxicating liquors in certain islands of the Pacific. [February 14, 1902.]

Chapter 34. An act for the relief of parties (Confederate soldiers) for property taken from them by the military forces of the United States. [February 27, 1902.]

Chapter 139. An act to provide for a permanent Census Office. [March 6, 1902.]

Chapter 140. An act temporarily to provide revenue for the Philippine Islands, and for other purposes. [March 8, 1902.]

Chapter 500. An act to repeal war revenue taxation, and for other purposes. [April 12, 1902.]

Chapter 501. An act to promote the efficiency of the Revenue Cutter Service. [April 12, 1902.]

Chapter 503. An act to provide for the extension of the charters of national banks. [April 12, 1902.]

Chapter 637. An act to facilitate the procurement of statistics of trade between the United States and its noncontiguous territory. [April 29, 1902.]

Chapter 640. An act to refund the amount of duties paid in Porto Rico upon articles imported from the several States from April 11, 1899, to May 1, 1900; to confer jurisdiction on the Court of Claims to render judgment thereon, and making an appropriation therefor. [April 29, 1902.]

Chapter 641. An act to prohibit the coming into and to regulate the residence within the United States, its Territories, and all territory under its jurisdiction and the District of Columbia, of Chinese and persons of Chinese descent. [April 29, 1902.] The Chinese Exclusion act.

Chapter 734. An act to make oleomargarine and other imitation dairy products subject to the laws of any State or Territory, or the District of Columbia, into which they are transported, and to change the tax on oleomargarine, and to impose a tax, provide for the inspection, and regulate the manufacture and sale of certain dairy products, and to amend an act entitled, "An act defining butter, also imposing a tax upon and regulating the manufacture, sale, importation, and exportation of oleomargarine," approved August 2, 1886. [May 9, 1902.]

Chapter 787. An act for the relief of citizens of the French West Indies. [May 13, 1902.] The Martinique disaster.

Chapter 792. An act making appropriations for the diplomatic and consular service in the Republic of Cuba. [May 16, 1902.]

Chapter 1093. An act appropriating the receipts from the sale and disposal of public lands in certain States and Territories to the construction of irrigation works for the reclamation of arid lands. [June 17, 1902.]

Chapter 1302. An act to provide for the construction of a canal connecting the waters of the Atlantic and Pacific oceans. [June 28, 1902.] The Panama Canal purchase, etc.

Chapter 1306. An act appropriating the sum of \$3,000 a year for the support and maintenance of the Permanent International Commission of the Congresses of Navigation, and for other purposes. [June 28, 1902.]

Chapter 1308. An act to provide a Commission to secure plans and designs for a monument or memorial to the memory of Abraham Lincoln, late President of the United States. [June 28, 1902.]

Chapter 1310. An act to provide for the erection, at Fredericksburg, Va., of the monument to the memory of Gen. Hugh Mercer, which was ordered by Congress on the 8th day of April, 1777, and should be erected. [June 28, 1902.]

Chapter 1369. An act temporarily to provide for the administration of the affairs of civil government in the Philippine Islands, and for other purposes. [July 1, 1902.]

Chapter 1376. An act for the suppression of train robbery in the Territories of the United States and elsewhere, and for other purposes. [July 1, 1902.]

Joint Resolution No. 4. Joint resolution to pay the expenses of the United States Government exhibit at the South Carolina Interstate and West Indian Exposition in the city of Charleston, County of Charleston, State of South Carolina, during the years 1901 and 1902. [January 21, 1902.]

Joint Resolution No. 11. Joint resolution authorizing and requesting the President to extend to the Government and people of France, and to the families of Marshal de Rochambeau and Marquis de Lafayette, an invitation to join the Government and people of the United States in the dedication of the monument of Marshal de Rochambeau, to be unveiled in the city of Washington. [March 21, 1902.]

In the Post-Office Appropriation act, provision was made for the permanent organization and effective administration of the rural free-delivery service.

Congress was in session 211 days, during which about 20,000 bills and resolutions were offered.

Among the important bills before Congress this session which failed to pass were the Cuban reciprocity bill, Babcock low-tariff bill, army reorganization bill providing for a general staff, anti-anarchy bill, Fowler general banking bill, act defining conspiracies and limiting injunctions, Department of Commerce bill, bill to admit Oklahoma, Arizona, and New Mexico to the Union as States, pure food bill, popular election of Senators bill, shipping subsidy bill, fourteen reciprocity treaties, fractional currency bill, restriction of immigration bill, Appalachian forest preserves bill, bill for the improvement of the Marine Hospital Service, the anti-trust bills, national bankruptcy law changes, bill providing for the national arbitration of labor disputes, the national militia bill.

## White House Rules.

THE Cabinet will meet Tuesdays and Fridays from 11 A. M. until 1 P. M.

Senators and Representatives will be received from 10 A. M. to 12 M., excepting on Cabinet days.

Visitors having business with the President will be admitted from 12 to 1 o'clock daily, excepting Cabinet days, so far as public business will permit.

The East Room will be open daily, Sundays excepted, for the inspection of visitors, between the hours of 10 A. M. and 2 P. M. By direction of the President. George B. Cortelyou, Secretary.



## State Legislation in 1902.

THE following summary of the more important legislation effected by State Legislatures in 1902 is compiled by permission from the address of U. M. Rose, Esq., of Little Rock, Ark., President of the American Bar Association, to the association at the annual meeting at Saratoga Springs, N. Y., held in August, 1902:

**Corporations.**—In South Carolina corporations may be dissolved by a resolution adopted by a majority of the stockholders. In the same State a statute was passed providing "That any corporation of this State, organized for the purpose of doing a general banking, shipbuilding, and trust company business, or trust company business alone, may, by a resolution adopted at the meeting of its subscribers for organization, or its by-laws adopted after such organization, provide for the election of two classes of directors, to wit: active and advisory, and may prescribe distinct duties to be devolved upon each of said classes; and may elect such number of directors for each of said classes as may be deemed advisable; and that it may, from time to time, alter its by-laws with reference thereto."

In New York any stock corporation, except moneyed corporations, may buy and sell stocks, bonds, or other evidence of indebtedness of any other corporation, giving its own stock, etc., in exchange, if authorized in its certificate of incorporation, or by any amendatory certificate, or if the stock so bought or sold is that of a corporation engaged in a similar business with that of the buyer. Any corporation may, upon unanimous vote of its stockholders, guarantee the bonds of any other domestic corporation engaged in the same general line of business; and any corporation owning the entire stock of any other domestic corporation may, on a two-thirds vote of its stockholders, guarantee the bonds of such other corporation. Another statute of New York provided that when a corporation owns all of the stock of another corporation engaged in similar business it may merge the latter, and may thus acquire all of its property, rights, privileges, and franchises.

In Kentucky an amendment to a former act released the double liability of stockholders, except stockholders of banks, trust companies, guarantee companies, investment companies, and insurance companies.

**Municipal Corporations.**—South Carolina passed an act providing for an extension of municipal charters by a majority vote of the freeholders. The object is to extend the term of expiring charters without the necessity of special legislation. This is followed by an act providing for the incorporation of towns with populations running from 1,000 to 5,000 by a majority vote of resident freeholders, and by an act making municipal charters perpetual.

Iowa appoints a non-partisan board of police and fire commissioners for cities of the first class. Policemen are to be selected under civil service rules.

**Criminal Law.**—South Carolina passed an act providing that no one shall carry a pistol, whether concealed or not, less than twenty inches long and three pounds in weight; and all persons are forbidden to manufacture, sell, or offer to sell any pistol of less length or weight, under heavy penalties. It would be difficult to conceal a pistol of the size and weight mentioned; and its discomfort will probably have a wholesome and deterring effect.

In the same State any common carrier converting to its own use property consigned to it for transportation was made liable in punitive damages not exceeding three times its value.

Maryland punished druggists and chemists who incorrectly compound prescriptions. Intent is not mentioned as an ingredient of the offense.

Massachusetts greatly relaxed the sabbatarian laws that formerly existed in that State. An act provided as follows: "Section 3. The provisions of the preceding section shall not be held to prohibit the manufacture and distribution of steam, gas, or electricity for illuminating purposes, heat, or motive power, nor the distribution of water for fire or domestic purposes, nor the use of the telegraph or the telephone, nor the retail sale of drugs and medicines, nor articles ordered by the prescription of a physician or mechanical appliances used by physicians or surgeons, nor the retail sale of tobacco in any of its forms by licensed holders, common victuallers, druggists, and newdealers whose stores are open for the sale of newspapers every day in the week, nor the retail sale of ice cream, soda water, and confectionery by licensed innholders and druggists, and by such licensed common victuallers as are not also licensed to sell intoxicating liquors, and who are authorized to keep open their places of business on the Lord's day; nor the letting of horses and carriages or of yachts and boats, nor the running of steam ferryboats on established routes, nor the running of street railway cars, nor the preparation, printing, and publication of newspapers, nor the sale and delivery of newspapers, nor the wholesale or retail sale and delivery of milk, nor the transportation of milk, nor the making of butter and cheese, nor the keeping open of public bath-houses, nor the making or selling by bakers or their employes, before 10 o'clock in the morning and between the hours of 4 o'clock and 6.30 o'clock in the evening, of bread or other food usually dealt in by them, nor the carrying on of the business of boot-blacks before 11 o'clock in the forenoon."

In Iowa it was provided that whoever shall advise, counsel, encourage, advocate, or incite to the unlawful killing of any human being, where no such killing takes place, shall be imprisoned in the penitentiary for not less than twenty years.

Ohio passed an act declaring that if any person shall attempt to take the life of the President of the United States, or of any Cabinet officer in the line of succession to the Presidency, or of the Governor of that State, or of any State, Territory, or possession of the United States, he shall be punished, if the attempt results in the death of the intended victim, with death; otherwise with imprisonment for life.

New York passed an act defining and punishing criminal anarchy. "Criminal anarchy is the doctrine that organized government should be overthrown by force or violence, or by assassination of the executive head, or of any of the executive officials of government, by any unlawful means. The advocacy of such doctrine either by word of mouth or writing is a felony. 1. Any person that advises or teaches the duty, necessity, or propriety of overturning organized government by force or violence, or by assassination of any issues, or knowingly circulates, sells, distributes, or publicly displays any written or printed matter advocating, advising, or teaching the doctrine that organized government should be overthrown by force, violence, or any unlawful means; or 2. Prints, publishes, edits, issues, or knowingly circulates, sells, distributes, or publicly displays any written or printed matter advocating, advising, or teaching the doctrine that organized government should be overthrown by force, violence, or any unlawful means; or 3. Openly, wilfully, and deliberately justifies orally, or in writing, the assassination or unlawful killing or assaulting of any officer of the United States, or of any State, or of any civilized nation having an organized government, because of his official character, or any other crime, with intent to teach, spread, or advocate the propriety of the doctrines of criminal anarchy; or 4. Organizes, or helps to organize, or becomes a member of, or voluntarily assembles with any society, group, or assembly of persons formed to teach or advocate

such doctrine, is guilty of a felony, and punished by imprisonment for not more than ten years, or by a fine of not more than \$5,000, or both. Every editor or proprietor of a book, newspaper, or serial, and every manager of a partnership or corporation by which it is issued, is chargeable with the matter thus published; but the defendant may show that the matter complained of was published without his knowledge or fault, and against his wishes, by another, without his authority, and that his act was disavowed by him as soon as known. Where two or more persons assemble for the purpose of advocating or teaching the doctrine of criminal anarchy, or participates therein by his presence, aid, or instigation, he shall be guilty of a felony and shall be punished as above. All owners, agents, or occupants of any place, building, or room who knowingly and wilfully permit therein any assemblage thus forbidden shall be guilty of a misdemeanor, and shall be punished by imprisonment for not more than two years, and by a fine of not more than \$2,000."

New Jersey has passed a somewhat similar act.

In New York it was enacted that if any officer of a bank or any banker shall receive a deposit, knowing the bank to be insolvent, he is guilty of a misdemeanor; and if the amount deposited exceeds \$25 he is guilty of a felony, and is punishable by fine and imprisonment.

New York made it a misdemeanor for any one to advertise in newspapers, by letters or otherwise, that he will aid in procuring divorces or decrees of annulment of marriage.

In South Carolina it was provided that kidnapping of children shall be punished by imprisonment for life. In Iowa it is punishable by confinement in the penitentiary for not less than ten years.

In South Carolina train robbing and conspiring to rob trains were made felonies.

In Mississippi it was provided that statutory changes affecting crimes and their punishment shall not apply to offences previously committed; but if punishment of milder type is provided by later statute it may be substituted for punishment previously prescribed.

Massachusetts passed the following act: "Section 1. It shall be unlawful for any person to advertise in a newspaper circulated in this Commonwealth, or by any other means, to perform or to procure the performance of the marriage ceremony." This act was probably not intended to prevent gentle solicitations and courtship as practised among all nations; though the language might bear that construction.

**Insurance.**—In New York it was enacted that where a policy was given on the life of a minor who is not under fifteen years of age, for the benefit of his father, mother, husband, wife, brother, or sister, the insured shall not, by reason of infancy alone, be deemed incompetent to contract for the insurance, for its surrender, or the discharge of any money or benefit accruing from it.

In New Jersey it was enacted that when a life policy has lapsed for non-payment of premiums, the insured may within three months apply for a new policy on the conditions contained in the forfeited policy, or a new paid-up policy for the amount of premiums actually paid, to be computed as provided in the act. After payment of premiums for two years life policies shall be incontestable, except that they may be readjusted for misstatement of age.

In Iowa it was provided that where promissory notes are given for payment of premiums on any policy issued to insure against losses by fire, lightning, hail, or storm, they shall be considered as full payment, and shall continue the policy in force, whether the notes are paid at maturity or not, for the period named. The act does not apply to premiums and assessments of purely mutual insurance companies fixed by by-laws or contract and overdue for sixty days.

Proof of loss of personal property may be made within sixty days of the date of loss by affidavit, stating how it occurred, as far as may be within the knowledge of the insured, and its extent, any agreement to the contrary notwithstanding.

**Bills of Lading.**—In Maryland it was enacted that all carriers must issue on demand bills of lading to the consignor "or order," and such instruments shall be negotiable in the same sense as bills of exchange and promissory notes.

**Public Libraries.**—New York authorized local taxation for the support and maintenance of public libraries. Various other States have passed similar acts.

**Lis Pendens.**—In New Jersey it was enacted that no *lis pendens* is established until notice of the pendency of the suit is filed in the office of the Register of Deeds; and a suitor may discharge the *lis pendens* by giving such security as the court may direct.

**Railways.**—In New York it was enacted that baggage checked must be delivered to the owner at point of destination, or at any intermediate point, on thirty minutes' notice to the baggage master; and uncrated bicycles shall be checked as baggage.

In Iowa it was provided that railway companies shall file with each County Auditor plats showing all lands in the county occupied by them. They are to file annually for purposes of taxation reports showing gross earnings separately on State and interstate traffic. Taxes on the latter are to be computed upon the length of carriage within the State as compared with the length of carriage elsewhere. Provision was made for taxation of equipment companies having cars running on lines of railway lying within the State according to the same ratio; and they are required to file annual reports. Any domestic railway company may lease, buy, or control any connecting extension of its roads (not parallel or competing with its own lines) lying elsewhere in the United States; and to that end may buy the stock and securities of such other railways.

**Game Laws.**—Ohio enacted that no person shall catch, kill, or injure, or pursue with such intent, any skunk, except between the first day of November and the first day of February next ensuing. The act does not apply to persons who have farms for raising these animals, and who kill them within their own inclosures.

**Public Health.**—Massachusetts enforced compulsory vaccination.

In South Carolina it was provided that peddlers of medicine must take out a license; and the formula of any medicine sold by them must be printed or written on it, and must have been approved by some physician.

New Jersey appropriated \$10,000 to the Agricultural Experiment Station to investigate and report upon the mosquitoes occurring within the State, their habits, life history, breeding places, relation to malarial and other diseases, the injury caused by them to the agricultural, sanitary, and other interests of the State, their natural enemies and the best methods of lessening, controlling, or otherwise diminishing their numbers, injury, or detrimental effect upon such agricultural, sanitary, and other interests.

Maryland created a tuberculosis commission, to which appropriate powers are granted. Many statutes have been passed for sanitation, for the protection of public health, and for the regulation of the sale of poisons. Several States have taken measures for establishing hospitals for consumptives.

Though forbidden as an article of consumption by the Mosaic Law, the Legislature of Minnesota deems that the use of lard should be encouraged and protected. An act provided that no person within the State shall manufacture for sale, or have within his possession with intent to sell, or offer to ex-

pose for sale, or sell as lard, any substance not the legitimate and exclusive product of the fat of the hog. All lard is adulterated if any substitute is mixed with it so as to lessen or depreciate its quality, strength, or purity, or if any valuable ingredient has been wholly or in part abstracted from it. Packages for any substitute for lard or hog's fat must have branded or printed on them in letters not less than an inch long the words "Lard Substitute," with the names and proportions of the constituents of the compound. If the article is intended as an imitation of lard, or substitute for it, it must in like manner be branded or labelled "Adulterated Lard," with the additional formula; and any one selling any such substitute or imitation must, at the time of sale, give to the purchaser a printed card conveying the same information. The act further provides that any one who manufactures for sale, or offers or exposes for sale, or sells, or serves to guests as keeper of a hotel, restaurant, dining-room, or in any other capacity any of such substitutes, adulterations, or imitations as thus defined, shall, at the time of sale, furnish to the purchaser a card upon which is distinctly and legibly printed the words "This food is prepared with lard substitute (or adulterated lard);" or, in case no bill of fare is provided, there shall be kept constantly posted upon each of the sides of the dining-room, in a conspicuous position, cards upon the face of which is distinctly and legibly printed in the English language, and in letters of sufficient size to be visible from all parts of the room, the words "Lard substitute (or adulterated lard) is used in the preparation of the food served here." Possession of the forbidden articles is deemed *prima facie* evidence of intent to sell. The Dairy and Food Commissioner and his assistants, experts, chemists, and agents are to see to the enforcement of the act; and they are to have access to all places where the forbidden articles are manufactured or sold; and may break open any package or vessel containing such articles, inspect them and take samples. All clerks, bookkeepers, express agents, railroad officials, employés, and common carriers shall, when called on, render all assistance in their power in tracing, finding, or discovering the prohibited articles, under penalty of not less than twenty-five nor more than fifty dollars. Dealers and others violating the act are to be punished by a fine of not less than twenty-five and not more than seventy-five dollars for each offence, or by imprisonment for not less than thirty nor more than sixty days.

New York provided for admission of free patients into the hospital in the Adirondacks for treatment of tuberculosis where such patients are unable to pay for same.

**Infancy.**—In Massachusetts it was enacted that a married woman under twenty-one years may convey lands as if she was of full age.

**Laborers.**—Massachusetts directed the Labor Commission to endeavor to promote uniformity of legislation, making eight hours a legal day's labor throughout the United States.

In New York it was provided in the construction of public works by the State or municipality only citizens of the United States shall be employed.

**Reformation of Inebriates and Others.**—In Iowa it was enacted that dipsomaniacs, inebriates, and persons addicted to the use of morphine and other narcotics may be temporarily committed to hospitals for the insane for not less than one year nor more than three years for the first commitment, and not less than two nor more than five years for a second commitment; but the Governor, on a proper showing and on a pledge of abstinence on the part of the patient, may grant paroles, to be forfeited in case conditions are broken. No one is permitted to sell cocaine except on the written prescription of a regular physician.

**Automobiles.**—Massachusetts regulated the speed of these machines, and prescribed their management, so as to prevent the frightening of horses and other accidents.

**Elevators.**—In Massachusetts it was provided that elevators running more than one hundred feet a minute must be in charge of persons not less than eighteen years of age, and no other elevator shall be run by a person less than sixteen years old.

**Neglected Children.**—Virginia passed a law for the care and custody of neglected children.

Iowa passed an excellent law on this subject.

**Evidence.**—Virginia passed a law permitting husbands and wives to testify for and against each other except as to communications, made by the one to the other. Neither shall testify as to charges of fraud in gifts or sales made by the other. In criminal cases neither shall be compelled to testify for or against the other without his or her consent.

**Taxation.**—In Massachusetts it was provided that the succession tax shall be assessed on the value of the succession at the time that the right of possession accrues; and the value of existing life estates and estates for years shall be deducted.

Minnesota provided for a tax on inheritance, devises, legacies, and gifts of more than \$10,000 in value.

In Maryland it was enacted that all mortgagees must swear that the mortgagee has not required the mortgagor to pay any tax on the interest covenanted to be paid, and that he will not require him to pay it.

**Divorce.**—In New York it was enacted that no judgment for divorce or annulling a marriage shall be entered until after three months from the date of filing the decision of the court or the report of the referee.

New Jersey passed a general divorce law. In regard to residence the act is so stringent as to greatly limit the facility of obtaining divorces sometimes allowed in other States.

**Jurors.**—In New York the Legislature devised a method of compelling citizens to do the State some service as voters. Two boxes for the names of jurors are to be provided, one for those of "non-voters" and the other for those of "voters;" and, until exhausted, all names are to be drawn from the box containing the names of the "non-voters."

**Fraudulent Sales.**—In New York it was provided that all sales of merchandise out of the ordinary course of trade, or of an entire stock of merchandise in bulk, shall be fraudulent and void as against creditors, unless the buyer shall, at least five days before the sale, make explicit inquiry of the seller as to the residence or place of business of every creditor of the seller, and the amount of each debt, terms of the proposed sale, and of the stated cost price of such merchandise, and of the agreed price; all of which must be notified to the creditors personally or by registered letter, so far as can be done by the exercise of reasonable diligence.

Ohio passed a similar act.

**Married Women.**—In New York it was provided that a married woman may sue, in her own and separate right, for all wages, salary, profits, or compensation for which she may render services or which she may derive from any business or occupation; and her husband shall have no right of action therefor.

In New Jersey it was enacted that any woman having a dower interest in lands, or an interest for life or years devised in lieu of dower, and marrying again, may execute a release of such interest without the joinder of her husband in such release. Any married woman in New Jersey may insure

her husband's life for her sole use, and, in case she survives her husband, the insurance shall be paid to her, or for her use, free from the claims of the representatives of her husband or of his creditors. She may assign the policy during his life with his consent.

**Mortgages.**—In New Jersey a law was passed providing that no mortgage of household goods and furniture shall be valid unless executed both by husband and wife, and duly recorded; but when the mortgage is given to secure purchase money the joinder of the wife is unnecessary.

**Elections.**—In New Jersey the use of voting machines was permitted; and so in other States.

**Conveyances.**—In New Jersey it was provided that all deeds containing no exceptions shall pass all the interest of the grantor; and the word "heir" shall not be necessary to convey a fee-simple title.

**Personal Injuries to Employes.**—Ohio passed this act: "An employer shall be responsible in damages for personal injury caused to an employe, who is himself in the exercise of due care and diligence at the time, by reason of any defect in the condition of the machinery or appliances connected with or used in the business of the employer, which arose from or had not been discovered or remedied owing to the negligence of the employer or of any person in the service of the employer, intrusted by him with the duty of inspection, repair, or of seeing that the machinery or appliances were in proper condition."

Virginia passed an act still more stringent—one that goes far to make railways guarantors against all injuries suffered by employes.

In New York the employer was made liable for personal injuries or death sustained by his employe by reason of any defect in ways, works, or machinery used in the business of the employer which arose from or had not been discovered or remedied owing to his negligence or that of any person in his service intrusted by him with the duty of seeing that such ways, works, or machinery were in good condition; or by reason of the negligence of any person in the service of the employer intrusted with the superintendence, whose sole or principal duty is that of superintendence, or, in the absence of such superintendent, the negligence of any person acting as superintendent with the authority or consent of such employer. Notice of the time, place, and cause of the injury must be given within one hundred and twenty days, and suit must be brought within one year from the date of the injury or death of the employe. An employe entering or continuing in the service of the employer is presumed to have assented to the necessary risks of the employment, and to no others; but only to those inherent in the nature of the business remaining after the employer has exercised due care in providing for the safety of his employes, and has complied with the laws in respect thereof.

**Police Regulations.**—Many statutes were passed for the safety, health, and comfort of miners and laborers in factories, and for fire escapes in high buildings of every kind; all animated by the same benevolent spirit, but varying greatly in terms. So provision was made for examination and license of dentists, osteopaths, veterinary surgeons, barbers, and persons of other callings.

**Cemeteries.**—Iowa provided for a trustee for each cemetery. His duties are prescribed, and he may receive all donations for cemetery purposes. All property committed to him is free from taxation.

**Woman's Rights.**—Maryland validated all acts done by women as notaries public, and authorized the appointment of women as such notaries. That State also passed a law for the admission of women to the bar.

By an act of Kentucky the right of women to vote in cities and towns of the first and second class for members of boards of education was taken away, though they may be elected as members of such boards.

**Wages.**—In Georgia it was provided that if an employe of a corporation dies, wages due him not exceeding \$100 may be paid to his widow or minor children without administration on his estate.

**Education.**—Maryland and Iowa passed laws for compulsory education.

**Registration.**—Iowa required that copies of wills devising lands shall be registered in all counties wherein the lands lie.

**Trusts.**—South Carolina passed two acts on this subject. The first act forbids all persons, natural and artificial, to form pools, trusts, or combinations for the purpose of regulating or fixing the price of any article of trade or merchandise, or to limit the quantity of any article of manufacture or commodity, or of any repair, or the premium of any insurance. An exhaustive definition of monopoly is given; and the practices of underselling with a view to stifle competition and boycotting are denounced. Heavy fines are prescribed for any violation of the act; and, in addition, any domestic corporation infringing its provisions shall forfeit its charter, and any foreign corporation so offending shall forfeit its right to do business within the State.

The second act relates to procedure. The Attorney-General may make an application to a Judge of the Supreme or Circuit Court for the examination of any suspected person, which shall be had before the Judge himself or before a referee; the Judge having power to issue preliminary injunctions to prevent violations pending the investigation. The person charged may be compelled to produce all books and other documents relating to the subject of the examination. No witness shall be excused from testifying on the ground that his testimony may tend to incriminate him; but no witness shall be punished on account of any transaction concerning which he may testify.

**Codification.**—Maryland provided for the appointment of three members of the bar to revise the laws relating to corporations, to provide a general system for their formation, defining their duties, powers, and obligations, with details regulating the general method of conducting their operations, remedies for abuse, measure and increase of their powers, methods of dissolving them; for the service of legal process on them and embodying all provisions proper for a complete system of incorporation law. As the act includes corporations of "all lawful descriptions," it seems to embrace municipal corporations.

Massachusetts directed the Governor to appoint a committee of three persons to examine and consider the State laws in relation to the formation, taxation, and conduct of all corporations, foreign and domestic, except municipal, banking, and public service corporations, and to determine what legislation, if any, is necessary to make the relations existing between the Commonwealth and corporations more advantageous to it and to the public interest.

New Jersey adopted a code of proceedings for the Chancery Court. It contains one novel provision, as follows: "The Court of Chancery may send any matter of law to the Supreme Court for its opinion to be certified thereon." Appeals are allowed from any order of decree.

New York adopted a complete code of procedure for the Municipal Court of the City of New York, composed of 366 sections.

In New Jersey the committee appointed to revise and codify the general laws was directed to report to the Legislature such further bills as may be prepared by them.

## The South African War.

## THE TERMS OF PEACE.

NEGOTIATIONS between the Boer leaders and the British Government for peace began on March 23, 1902, when Acting President Schalkburger, Mr. Reitz, former Secretary of State of the South African Republic, and Commandant Lucas Meyer applied to Lord Kitchener at Pretoria for a safe conduct to the Orange River Colony with the view of discussing terms of peace with the Boer generals in the field. On April 9 Mr. Steyn and Generals Delarey and De Wet entered Klerksdorp with a flag of truce and met Mr. Schalkburger and his party and General Louis Botha, commander-in-chief of the Boer forces, in addition. After a conference, in which it was determined to submit the question of a cessation of hostilities to the burghers in the field, negotiations were formally opened with the British Government through Lord Kitchener. The majority of the fighting Boers was for peace.

On June 2 Mr. A. J. Balfour, First Lord of the Treasury and Government leader, made the following announcement of the terms of peace in the House of Commons:

## TEXT OF THE AGREEMENT.

His Excellency Lord Milner, in behalf of the British Government; His Excellency Mr. Steyn, General Bremner, General C. R. De Wet, and Judge Hertzog, acting in behalf of the Orange Free State, and General Schalkburger, General Reitz, General Louis Botha, and General Delarey, acting in behalf of their respective burghers, desiring to terminate the present hostilities, agree to the following terms:

First—The burgher forces in the field will forthwith lay down their arms and hand over all guns, rifles, and ammunition of war in their possession, or under their control, and desist from further resistance, and acknowledge King Edward VII. as their lawful sovereign. The manner and details of this surrender will be arranged between Lord Kitchener and Commandant General Botha, assisted by General Delarey and Chief Commandant De Wet.

Second—All burghers outside the limits of the Transvaal and Orange River Colony, and all prisoners of war at present outside South Africa, who are burghers, will, on duly declaring their acceptance of the position of subjects of His Majesty, be brought back to their homes so soon as means of transport can be provided and means of subsistence assured.

Third—The burghers so returning will not be deprived of their personal liberty or property. Fourth—No proceeding, civil or criminal, will be taken against burghers surrendering or so returning for any acts in connection with the prosecution of the war. The benefits of this clause do not extend to certain acts contrary to the usages of war, which had been notified by the Commander-in-Chief to the Boer generals, and which shall be tried by court-martial after the close of hostilities.

Fifth—The Dutch language will be taught in the public schools of the Transvaal and Orange River Colony where the parents desire it, and will be allowed in the courts of law for the better and more effectual administration of justice.

Sixth—Possession of rifles will be allowed in the Transvaal and Orange River Colony to persons requiring them for their protection, on taking out a license according to law.

Seventh—The military administration of the Transvaal and Orange River Colony will, at the earliest possible date, be succeeded by a civil government, and, so soon as circumstances permit, representative institutions leading up to self-government will be introduced.

Eighth—The question of granting the franchise to natives will not be decided until after the introduction of self-government.

Ninth—No special tax will be imposed on landed property in the Transvaal or Orange River Colony to defray the expenses of the war.

Tenth—So soon as the conditions permit it, a commission, on which the local inhabitants will be represented, will be appointed in each district of the Transvaal and Orange River Colony, under the presidency of a magistrate or other official, for the purpose of assisting in the restoration of the people to their homes, and supplying those who, owing to war losses, are unable to provide for themselves, with food and shelter and the necessary amount of seed, stock, and implements, etc., indispensable to the resumption of their normal occupations. His Majesty's Government will place at the disposal of these commissions the sum of £3,000,000 (\$15,000,000), and will allow all the notes issued under the law of 1900 of the South African Republic and all receipts given up to officers in the field of the late republics, or under their orders, to be presented to a judicial commission, which will be appointed by the Government, and if such notes and receipts are found by this commission to have been duly issued in return for valuable considerations they will be received by the first named commissions as evidence of war losses suffered by the persons to which they were originally given.

In addition to the above-named free grant of £3,000,000, His Majesty's Government will be prepared to make advances, on loan, for the same purposes, free of interest for two years, and afterward repayable over a period of years, with 3 per cent interest. No foreigner or rebel will be entitled to benefit under this clause.

After he had concluded reading the peace agreement, Mr. Balfour proceeded:

There are certain important points not dealt with in this document. I read a despatch from Lord Kitchener dated May 30, as follows:

"After handing the Boer delegates a copy of the draft of the agreement, I read them a statement, and gave them a copy of it as follows:

"His Majesty's Government must place on record that the treatment of the Cape and Natal colonists, who have been in rebellion and who now surrender, will, if they return to their colonies, be determined by the colonial courts and in accordance with the laws of the colonies, and any British subjects who have joined the enemy will be liable to trial under the law of that part of the British Empire to which they belong.

"His Majesty's Government is informed by the Cape Government that their views regarding the terms to be granted to British subjects in Cape Colony, now in the field or who have surrendered or been captured since April 12, 1901, are as follows: 'With regard to the rank and file, they should all, after surrender and giving up their arms, sign a document, before the resident magistrate of the district in which they surrender, acknowledging themselves guilty of high treason, and the punishment to be accorded them, provided they are not guilty of murder or acts contrary to the usages of civilized warfare, shall be that they are not entitled, for life, to be registered as voters, or vote in any parliamentary or provincial council or municipal election. With reference to justices of the peace, field cornets, and all others who held official positions under the government of Cape Colony, or who have been occupying a position of authority, or who have held commands in the rebel or burgher forces, they shall be tried for high treason before the ordinary courts of the country, or such special courts as may hereafter be constituted, their punishment to be left to the discretion of such court, with the proviso that in no case shall the penalty of death be inflicted.'

"These arrangements," concluded Mr. Balfour, "the Government has approved."

**Insular Possessions of the United States.****THE PHILIPPINES.**

FOR an account of the Philippine Islands see page 152.

**PORTO RICO.**

The island of Porto Rico, over which the flag of the United States was raised in token of formal possession on October 13, 1898, is the most eastern of the Greater Antilles in the West Indies and is separated on the east from the Danish island of St. Thomas by a distance of about fifty miles, and from Hayti on the west by the Mona passage, seventy miles wide. Distances from San Juan, the capital, to important points are as follows: New York, 1,411 miles; Charleston, S. C., 1,200 miles; Key West, Fla., 1,050 miles; Havana, 1,000 miles.

The island is a parallelogram in general outline, 108 miles from the east to the west, and from 37 to 43 miles across, the area being about 3,600 square miles, or somewhat less than half that of the State of New Jersey (Delaware has 2,050 square miles and Connecticut 4,990 square miles). The population according to an enumeration made in 1887 was 798,565, of whom 474,933 were whites, 246,647 mulattoes, and 76,905 negroes. An enumeration taken by the United States Government in 1900 showed a population of 953,243. The density was 264 to the square mile; 83.2 per cent of the population cannot read.

Porto Rico is unusually fertile, and its dominant industries are agriculture and lumbering. In elevated regions the vegetation of the temperate zone is not unknown. There are more than 500 varieties of trees found in the forests, and the plains are full of palm, orange, and other trees. The principal crops are sugar, coffee, tobacco, cotton, and maize, but bananas, rice, pineapples, and many other fruits are important products. The largest article of export from Porto Rico is coffee, which is over 63 per cent of the whole. The next largest is sugar, 28 per cent. The other exports in order of amount are tobacco, honey, molasses, cattle, timber, and hides.

The principal minerals found in Porto Rico are gold, carbonates, and sulphides of copper and magnetite oxide of iron in large quantities. Lignite is found at Utuado and Moca, and also yellow amber. A large variety of marbles, limestones, and other building stones are deposited on the island, but these resources are very undeveloped. There are salt works at Guanica and Salinao on the south coast, and at Cape Rojo on the west, and these constitute the principal mineral industry in Porto Rico.

There are 159 miles of railway, with 170 miles under construction, and 470 miles of telegraph lines. These connect the capital with the principal ports south and west. Submarine cables run from San Juan to St. Thomas and Jamaica. The principal cities are Mayaguez with 15,187, Ponce, 27,952 inhabitants; and San Juan, the capital, with 32,048.

An act providing for a civil government for Porto Rico was passed by the Fifty-sixth Congress and received the assent of the President April 12, 1900. A statement of its provisions was printed in *THE WORLD ALMANAC* for 1901, pages 92 and 93.

Under this act a civil government was established, which went into effect May 1, 1900. There are two legislative chambers, the Executive Council, or "Upper House," composed of the Government Secretary, Attorney-General, Treasurer, Auditor, Commissioner of the Interior, and Commissioner of Education, and five citizens appointed by the President, and the House of Delegates, or "Lower House," consisting of 35 members, elected by the people.

The Governor of Porto Rico is W. H. Hunt (salary \$8,000), who was appointed by the President, July 23, 1900, to succeed Charles H. Allen.

**GUAM.**

The island of Guam, the largest of the Marianne or Ladrone Archipelago, was ceded by Spain to the United States by Article 2 of the Treaty of Peace, concluded at Paris December 10, 1898. It lies in a direct line from San Francisco to the southern part of the Philippines, and is 5,200 miles from San Francisco and 900 miles from Manila. It is about 32 miles long and 100 miles in circumference, and has a population of about 8,661, of whom 5,249 are in Agana, the capital. The inhabitants are mostly immigrants or descendants of immigrants from the Philippines, the original race of the Ladrone Islands being extinct. The prevailing language is Spanish. Nine-tenths of the islanders can read and write. The island is thickly wooded, well watered, and fertile, and possesses an excellent harbor. The productions are tropical fruits, cacao, rice, corn, tobacco, and sugar cane.

Commander Taussig, of the United States gunboat Bennington, took possession of the island and raised the United States flag over Fort Santa Cruz on February 1, 1899.

**TUTUILA.**

Tutuila, the Samoan island which, with its attendant islets of Tau, Olesinga, and Ofu, became a possession of the United States by virtue of the tripartite treaty with Great Britain and Germany in 1899, covers, according to the Bureau of Statistics of the Treasury Department, fifty-four square miles, and has 5,800 inhabitants. It possesses the most valuable island harbor, Pago-Pago, in the South Pacific, and perhaps in the entire Pacific Ocean. Commercially the island is unimportant at present, but is extremely valuable in its relations to the commerce of any nation desiring to cultivate transpacific commerce.

Ex-Chief Justice Chambers, of Samoa, says of Pago-Pago that "the harbor could hold the entire naval force of the United States, and is so perfectly arranged that only two vessels can enter at the same time. The coaling station, being surrounded by high bluffs, cannot be reached by shells from outside." The Government is increasing the capacity to 10,000 tons.

The Samoan Islands, in the South Pacific, are fourteen in number, and lie in a direct line drawn from San Francisco to Auckland, New Zealand. They are 4,000 miles from San Francisco, 2,200 miles from Hawaii, 1,900 miles from Auckland, 2,000 miles from Sydney, and 4,200 miles from Manila. Germany governs all the group except the part owned by the United States. The inhabitants are native Polynesians and Christians of different denominations.

**WAKE AND OTHER ISLANDS.**

The United States flag was hoisted over Wake Island in January, 1899, by Commander Taussig, of the Bennington, while proceeding to Guam. It is a small island in the direct route from Hawaii to Hong Kong, about 2,000 miles from the first and 3,000 miles from the second.

The United States possesses a number of scattered small islands in the Pacific Ocean, some hardly

INSULAR POSSESSIONS OF THE UNITED STATES—Continued.

more than rocks or coral reefs, over which the flag has been hoisted from time to time. They are of little present value and mostly uninhabited. The largest are Christmas, Gallego, Starbuck, Penrhyn, Phoenix, Palmyra, Howland, Baker, Johnston, Gardner, Midway, Morell, and Marcus Islands. The Santa Barbara group is a part of California and the Aleutian chain, extending from the peninsula of Kamchatka in Asiatic Russia to the promontory in North America which separates Behring Sea from the North Pacific, a part of Alaska.

HAWAII.

Hawaii was annexed to the United States by joint resolution of Congress July 6, 1898. A bill to create Hawaii a Territory of the United States was passed by Congress and approved April 30, 1900. The area of the several islands of the Hawaiian group is as follows: Hawaii, 4,210 square miles; Maui, 1,760; Oahu, 600; Kauai, 590; Molokai, 270; Lanai, 150; Niihau, 97; Kahoolawe, 63. Total, 6,740 square miles.

At the time of the discovery of the islands by Captain Cook in 1778 the native population was about 200,000. This has steadily decreased, so that at the last census the natives numbered but 31,019, which was less than that of the Japanese and Chinese immigrants settled in the islands. A census taken early in 1897 revealed a total population of 109,020, distributed according to race as follows:

|                     | Males. | Females. | Total. |                 | Males. | Females. | Total. |
|---------------------|--------|----------|--------|-----------------|--------|----------|--------|
| Hawaiians.....      | 16,399 | 14,620   | 31,019 | Portuguese..... | 8,202  | 6,898    | 15,100 |
| Part Hawaiians..... | 4,249  | 4,236    | 8,485  | Americans.....  | 1,975  | 1,111    | 3,086  |
| Japanese.....       | 19,212 | 5,195    | 24,407 | British.....    | 1,406  | 844      | 2,250  |
| Chinese.....        | 19,167 | 2,449    | 21,616 |                 |        |          |        |

The remainder were Germans, French, Norwegians, South Sea Islanders, and representatives of other nationalities. The American population was 2.73 per cent of the whole. The American population has increased since annexation.

The first United States census of the islands was taken in 1900 with the following result: Hawaii Island, 46,843; Kauai Island, 20,562; Niihau Island, 172; Maui Island, 25,416; Molokai Island and Lanai Island, 2,504; Oahu Island, 58,504. Total of the Territory, 154,001. The population of the city of Honolulu is 39,306.

Nearly all the natives are Christians. In 1896 there were 23,773 Protestants, 26,362 Roman Catholics, 4,886 Mormons, 44,306 Buddhists, etc., and 10,192 not described.

There are 71 miles of railroad and about 250 miles of telegraph in the islands. Honolulu, the capital, with a population of 28,061, is lighted by electricity, and has most of the local features of an enterprising American city. The bulk of the business is done by Americans and Europeans.

Of sugar, of which it is said the Hawaiian Islands are much more productive in a given area than those of the West Indies, the exportation was 545,370,537 pounds in 1899. Of coffee, the exportation was 337,158 pounds in 1897; of rice, the exportation was 5,499,499 pounds in 1897. In the matter of imports, nearly all of the necessities of life, aside from sugar, fruits, and vegetables, are imported, the products of the United States being given the preference in nearly all cases. The exports from Hawaii to the United States in the twelve months ending June 30, 1902, were valued at \$24,700,429, of which the item of sugar figured at \$23,920,113. The imports into Hawaii from the United States for the same period were valued at \$19,000,000.

The new Territorial Government was inaugurated at Honolulu June 14, 1900, and the first Territorial Legislature began its sessions at Honolulu, February 20, 1901. The Legislature is composed of two houses—the Senate of fifteen members, holding office four years, and the House of Representatives of thirty members, holding office two years. The Legislature meets biennially, and sessions are limited to sixty days.

The Executive power is lodged in a Governor, a Secretary, both appointed by the President, and hold office four years, and the following officials appointed by the Governor, by and with the consent of the Senate of Hawaii: An Attorney-General, Treasurer, Commissioner of Public Lands, Commissioner of Agriculture and Forestry, Superintendent of Public Works, Superintendent of Public Instruction, Auditor and Deputy, Surveyor, High Sheriff, and members of the Boards of Health, Public Instruction, Prison Inspectors, etc. They hold office for four years, and must be citizens of Hawaii.

The Judiciary of the Territory is composed of the Supreme Court, with three Judges, the Circuit Court, and such inferior courts as the Legislature may establish. The Judges are appointed by the President. The Territory is a Federal Judicial District, with a District Judge, District Attorney, and Marshal, all appointed by the President. The District Judge has all the powers of a Circuit Judge.

The Territory is represented in Congress by a Delegate, who is elected biennially by the people. Provision is made in the act creating the Territory for the residence of Chinese in the Territory, and prohibition as laborers to enter the United States as follows:

Sec. 101. That Chinese in the Hawaiian Islands when this act takes effect may within one year thereafter obtain certificates of residence as required by "An act to prohibit the coming of Chinese persons into the United States," approved May 5, 1892, as amended by an act approved November 3, 1893, entitled "An act to amend an act entitled 'An act to prohibit the coming of Chinese persons into the United States,' approved May 5, 1892," and until the expiration of said year shall not be deemed to be unlawfully in the United States if found therein without such certificates: Provided, however, That no Chinese laborer, whether he shall hold such certificate or not, shall be allowed to enter any State, Territory, or district of the United States from the Hawaiian Islands.

Danish West India Islands.

A TREATY for the cession to the United States of the three islands belonging to Denmark, lying to the east of Porto Rico, in latitude 18° North and longitude 64° West, was signed by Minister Brun, of Denmark, and Secretary of State Hay at Washington, January 24, 1902. The purchase price was \$5,000,000. The treaty was ratified by the Senate of the United States, but was rejected by the Danish Landsting (Upper House) October 22, 1902, the vote on ratification being a tie—32 to 32. The result, however, is not regarded as a final disposition of the question. These islands were ceded to the United States by Denmark in 1867 for \$7,500,000, but the United States Senate refused to ratify the treaty. The islands are: St. Thomas, area, 27 square miles; population in 1890, 12,019; capital, Charlotte Amalia. It is 38 miles east of Porto Rico. St. Croix, or Santa Cruz, area, 94 square miles; population, 19,783; capital, Christianstadt; St. John, area, 16 square miles; population, 984; capital, Christiansburg. The principal products of the islands are sugar and rum.

## The Philippine Islands.

THE Philippine group, lying off the southern coast of Asia, between longitude 120 and 130 and latitude 5 and 20 approximately, number about 2,000 islands, great and small, in a land and sea area of 1,200 miles of latitude and 2,400 miles of longitude. The actual land area is about 140,000 miles. The six New England States, New York, and New Jersey have about an equivalent area. The island of Luzon, on which the capital city (Manila) is situated, is the largest member of the group, being about the size of the State of New York. Mindanao is nearly as large, but its population is very much smaller. The latest estimates of areas of the largest islands are as follows: Luzon, 44,400; Mindanao, 34,000; Samar, 4,800; Panay, 4,700; Mindoro, 4,000; Leyte, 3,800; Negros, 3,300; Cebu, 2,400.

The estimates of population vary, but a conservative estimate by the United States Census Bureau is 6,961,333 souls. The late Spanish masters had never caused a census to be taken, and, indeed, some parts of the islands are yet unexplored and inhabited by tribes nearly savage. Racially the inhabitants are principally Malays. The country had been in the possession of Spain since 1565, and the religion introduced by the proprietors has long been that of the natives. The church has been a strong ruling power and the priesthood numerous. There are thirty different races, all speaking a different dialect.

### CLIMATE.

The climate is one of the best known in the tropics. The islands extend from 5° to 21° north latitude, and Manila is in 14° 35'. The thermometer during July and August rarely goes below 79° or above 85°. The extreme ranges in a year are said to be 61° and 97°, and the annual mean 81°. There are three well-marked seasons, temperate and dry from November to February, hot and dry from March to May, and temperate and wet from June to October. The rainy season reaches its maximum in July and August, when the rains are constant and very heavy. The total rainfall has been as high as 114 inches in one year.

Yellow fever appears to be unknown. The diseases most fatal among the natives are cholera and small-pox, both of which are brought from China. Low malarial fever is brought on by sleeping on the ground or being chilled by remaining without exercise in wet clothes; and diarrhoea is produced by drinking bad water or eating excessive quantities of fruit. Almost all of these diseases are preventable by proper precautions even by troops in campaign. The sickness in our troops was very small, much less than in the cold fogs at camp in San Francisco.

### MINERAL WEALTH.

Very little is known concerning the mineral wealth of the islands. It is stated that there are deposits of coal, petroleum, iron, lead, sulphur, copper, and gold in the various islands, but little or nothing has been done to develop them. A few concessions have been granted for working mines, but the output is not large. The gold is reported on Luzon, coal and petroleum on Cebu and Iloilo, and sulphur on Leyte.

### AGRICULTURE.

Although agriculture is the chief occupation of the Filipinos, yet only one-ninth of the surface is under cultivation. The soil is very fertile, and even after deducting the mountainous areas it is probable that the area of cultivation can be very largely extended and that the islands can support population equal to that of Japan (42,000,000).

The chief products are rice, corn, hemp, sugar, tobacco, coconuts, and cacao. Coffee and cotton were formerly produced in large quantities—the former for export and the latter for home consumption; but the coffee plant has been almost exterminated by insects and the home-made cotton cloths have been driven out by the competition of those imported from England. The rice and corn are principally produced in Luzon and Mindoro and are consumed in the islands. The rice crop is about 765,000 tons. It is insufficient for the demand, and 45,000 tons of rice were imported in 1894, the greater portion from Saigon and the rest from Hong Kong and Singapore; also 8,669 tons (say 60,000 barrels) of flour, of which more than two-thirds came from China and less than one-third from the United States. The cacao is raised in the southern islands, the best quality of it at Mindanao. The sugar cane is raised in the Visayas. The crop yielded in 1894 about 235,000 tons of raw sugar, of which one-tenth was consumed in the islands, and the balance, or 210,000 tons, valued at \$11,000,000, was exported, the greater part to China, Great Britain, and Australia. The hemp is produced in Southern Luzon, Mindoro, the Visayas, and Mindanao. It is nearly all exported in bales. In 1894 the amount was 96,000 tons, valued at \$12,000,000. Tobacco is raised in all the islands, but the best quality and greatest amount in Luzon. A large amount is consumed in the islands, smoking being universal among women as well as the men, but the best quality is exported. The amount in 1894 was 7,000 tons of leaf tobacco, valued at \$1,750,000. Coconuts are grown in Southern Luzon and are used in various ways.

### IMPORTS AND EXPORTS.

The exports from Great Britain to the Philippines in the year ending June 30, 1901, were \$10,704,741, and the imports from Great Britain were \$6,956,145. The trade with all the other countries, except the United States, was small.

In the fiscal year ending June 30, 1902, the exports from the United States to the Philippines were \$5,251,867, and the total imports for the same period were \$6,612,700.

### CIVIL GOVERNMENT FOR THE PHILIPPINES.

In March, 1900, the President appointed a Civil Commission composed of William H. Taft, of Ohio, President; Prof. Dean C. Worcester, of Michigan; Luke E. Wright, of Tennessee; Henry C. Ide, of Vermont, and Prof. Bernard Moses, of California, to "continue and perfect the work of organization and establishing civil government already commenced by the military authorities, subject in all respects to any laws which Congress may hereafter enact." The Commissioners proceeded to the Philippines and reached Manila in April following. Prof. Moses resigned January 1, 1903, and James F. Smith was appointed by the President to succeed him. With the American members of the commission are associated the following Filipinos: Trinidad H. Pardo de Tavera, Benito Legarda, and José Luzuriaga.

On July 1, 1902, Congress passed (chapter 1369) "An act temporarily to provide for the administration of the affairs of civil government in the Philippine Islands and for other purposes." Under this act complete civil government was established in the Archipelago and the office of Military Governor with military rule was terminated.

On July 3, 1902, the President issued the following proclamation:

### BY THE PRESIDENT OF THE UNITED STATES.

#### A PROCLAMATION.

Whereas, many of the inhabitants of the Philippine Archipelago were in insurrection against the



## THE PHILIPPINE ISLANDS—Continued.

authority and sovereignty of the Kingdom of Spain at divers times from August, 1896, until the cession of the Archipelago by that kingdom to the United States of America, and since such cession many of the persons so engaged in insurrection have until recently resisted the authority and sovereignty of the United States; and

Whereas, the insurrection against the authority and sovereignty of the United States is now at an end, and peace has been established in all parts of the Archipelago, except the country inhabited by the Moro tribes, to which this proclamation does not apply; and,

Whereas, during the course of the insurrection against the Kingdom of Spain and against the Government of the United States persons engaged therein, or those in sympathy with and abetting them, committed many acts in violation of the laws of civilized warfare, but it is believed that such acts were generally committed in ignorance of those laws and under orders issued by the civil or military insurrectionary leaders; and,

Whereas, it is deemed to be wise and humane, in accordance with the beneficent purposes of the Government of the United States toward the Filipino people, and conducive to peace, order, and loyalty among them, that the doers of such acts who have not already suffered punishment shall not be held criminally responsible, but shall be relieved from punishment for participation in these insurrections and for unlawful acts committed during the course thereof by a general amnesty and pardon;

Now, therefore, be it known that I, Theodore Roosevelt, President of the United States of America, by virtue of the power and authority vested in me by the Constitution, do hereby proclaim and declare, without reservation or condition, except as hereinafter provided, a full and complete pardon and amnesty to all persons in the Philippine Archipelago who have participated in the insurrections aforesaid, or who have given aid and comfort to persons participating in said insurrections, for the offences of treason or sedition and for all offences political in their character committed in the course of such insurrections pursuant to orders issued by the civil or military insurrectionary authorities, or which grew out of internal political feuds or dissensions between Filipinos and Spaniards or the Spanish authorities, or which resulted from internal political feuds or dissensions among the Filipinos themselves during either of said insurrections.

Provided, however, that the pardon and amnesty hereby granted shall not include such persons committing crimes since May 1, 1902, in any province of the Archipelago in which at the time civil government was established, nor shall it include such persons as have been heretofore finally convicted of the crimes of murder, rape, arson, or robbery by any military or civil tribunal organized under the authority of Spain or of the United States of America, but for which special application may be made to the proper authority for pardon by any person belonging to the exempted classes, and such clemency as is consistent with humanity and justice will be liberally extended; and, further,

Provided, that this amnesty and pardon shall not affect the title or right of the Government of the United States or that of the Philippine Islands to any property or property rights heretofore used or appropriated by the military or civil authorities of the Government of the United States or that of the Philippine Islands organized under authority of the United States by way of confiscation or otherwise; and,

Provided, further, that every person who shall seek to avail himself of this proclamation shall take and subscribe the following oath before any authority in the Philippine Archipelago authorized to administer oaths, namely:

"I, \_\_\_\_\_, solemnly swear (or affirm) that I recognize and accept the supreme authority of the United States of America in the Philippine Islands, and will maintain true faith and allegiance thereto; that I impose upon myself this obligation voluntarily without mental reservation or purpose of evasion, so help me God."

Given under my hand at the City of Washington, this fourth day of July, in the year of our Lord one thousand nine hundred and two, and in the one hundred and twenty-seventh year of the independence of the United States.

THEODORE ROOSEVELT.

By the President.

ELIHU ROOT, Secretary of War.

## STATISTICS OF THE PHILIPPINE WAR.

The Adjutant-General's office has compiled the following statistics regarding the insurrection in the Philippines: There were 2,561 engagements with the enemy, more or less serious, between February 4, 1899, the date of the battle of Manila, and April 30, 1902, fixed as the virtual end of the insurrection. The larger proportion of these fights were attacks from ambush on the American troops or skirmishes in which only small detachments took part.

In almost no case in these engagements did American troops surrender or have to retreat or have to leave their dead and wounded in the possession of the enemy, notwithstanding that in many cases the percentage of loss was high.

The number of troops transported to the Philippines and arrived there up to July 16, 1902, was 4,135 officers and 123,803 men. The average strength, taken from monthly returns for the period of the insurrection, was approximately 40,000.

The casualties of the American army were as follows:

Killed or died of wounds, 69 officers and 936 enlisted men; deaths from disease, 47 officers and 2,535 enlisted men; deaths from accidents, 6 officers and 125 enlisted men; drowned, 6 officers and 257 enlisted men; suicide, 10 officers and 72 enlisted men; murdered, 1 officer and 91 enlisted men. Total deaths, 139 officers and 4,016 enlisted men. Wounded, 190 officers and 2,707 enlisted men, a total of 2,897. Killed and wounded and deaths other than by disease, 282 officers and 4,188 enlisted men; total, 4,470.

A large proportion of the deaths by drowning occurred in action or in active operations against the enemy. The percentage of killed and wounded to the strength of the army was 9.7.

In response to a Senate resolution requesting information as to the cost of the war in the Philippines, the Secretary of War reported, June 19, as follows: For railroad transportation of troops and supplies to and from the Philippines since the Peace Treaty was ratified the cost was \$4,803,448. Reports from the various bureau officers were submitted, including outstanding obligations, showing that the total cost of the war up to date was \$170,326,586. The expenditures by years were as follows: Expended, fiscal year 1898 (two months, May and June), \$2,686,850; fiscal year 1899, \$26,230,673; fiscal year 1900, \$50,869,543; fiscal year 1901, \$55,567,422; liabilities, \$12; fiscal year 1902 (ten months, July to April, inclusive), \$34,499,022; liabilities, \$473,060. Total expended, \$169,853,512; total liabilities, \$473,072.

## Cuba.

THE Republic of Cuba was inaugurated May 20, 1902, the transfer of the authority of the United States to the Government of the Republic having been made at noon on that day, the flag of the United States being hauled down at the Government Palace, Havana, and that of Cuba replacing it.

The official announcement of the act of transfer of authority was made by General Leonard Wood, Military Governor, in the following terms:

Headquarters Department of Cuba,  
Havana, May 20, 1902.

To the President and Congress of the Republic of Cuba:

Sirs—Under the direction of the President of the United States I now transfer to you as the duly elected representatives of the people of Cuba the government and control of the island, to be held and exercised by you, under the provisions of the Constitution of the Republic of Cuba, heretofore adopted by the Constitutional Convention, and this day promulgated; and I hereby declare the occupation of Cuba by the United States and the military government of the island to be ended.

This transfer of the government and control is upon the express condition, and the Government of the United States will understand that, by the acceptance thereof, you do now, pursuant to the provisions of the said Constitution, assume and undertake all and several the obligations assumed by the United States with respect to Cuba by the treaty between the United States of America and Her Majesty the Queen Regent of Spain, signed at Paris on the 10th day of December, 1898.

All money obligations of the military government down to this date have been paid as far as practicable. The public civil funds derived from the revenues of Cuba transferred to you this day, amounting to ———, are transferred subject to such claims and obligations, properly payable out of the revenues of the island, as may remain. The sum of \$100,000 has been reserved from the transfer of funds to defray anticipated expenses of accounting, reporting, and winding up the affairs of the military government, after which any unexpended balance of said sum will be paid into the treasury of the island.

The plans already devised for the sanitation of the cities of the island and to prevent a recurrence of epidemic and infectious diseases, to which the Government of the United States understands that the provision of the Constitution contained in the fifth article of the appendix applies, are as follows:

First.—A plan for the paving and sewerage of the city of Havana, for which a contract has been awarded by the municipality of that city to McGivney, Rockeby & Co.

Second.—A plan for waterworks to supply the city of Santiago de Cuba, prepared by Captain S. E. Reckenbach, in charge of the district of Santiago, and approved by the Military Governor, providing for taking water from the wells of the San Juan Canyon, and pumping the same to reservoirs located on the heights to the east of the city.

Third.—A plan for the sewerage of the city of Santiago de Cuba, a contract for which was awarded to Michael J. Dady & Co. by the Military Governor of Cuba, and now under construction.

Fourth.—The rules and regulations established by the President of the United States on January 17, 1899, for the maintenance of quarantine against epidemic diseases at the ports of Havana, Matanzas, Cienfuegos, and Santiago de Cuba, and thereafter at the other ports of the island, as extended and amended and made applicable to future conditions by the order of the Military Governor dated ———, the day of April, 1902.

Fifth.—The sanitary rules and regulations in force in the city of Havana (and in any other city having official rules, etc.).

It is understood by the United States that the present government of the Isle of Pines will continue as a de facto government, pending the settlement of the title to said island by treaty pursuant to the Cuban Constitution and the act of Congress of the United States approved March 2, 1901.

I am further charged by the President of the United States to deliver to you the letter which I now hand you.

LEONARD WOOD, Military Governor.

The Secretary of State issued the following official notification to the Ambassadors and Ministers of the United States accredited to foreign governments:

Department of State,  
Washington, May 20, 1902.

Sir—I am directed by the President to inform you that the military occupation of the island of Cuba by the United States has this day ceased, and that an independent government, republican in form, has been inaugurated there, under the Presidency of His Excellency Señor Don Tomas Estrada Palma.

You are instructed to convey this information through the appropriate channel to the government to which you are accredited.

I am, sir, your obedient servant,

JOHN HAY, Secretary.

## THE GOVERNMENT OF CUBA.

President of the Republic.....TOMAS ESTRADA PALMA.  
Vice-President.....LUIS ESTEVEZY ROMERO.

## THE CABINET.

Secretary of State and Justice....CARLOS DE ZALDO. | Secretary of Public Works and Acting Secretary of  
Secretary of the Interior.....LUIS YERO BUDEN. | Agriculture.....LUCIANO DIAZ.  
Secretary of Public Instruction..LEOPOLDO CANCIO. | Secretary of the Treasury. JOSÉ M. GARCIA MONTES.

## GOVERNORS OF PROVINCES.

Havana.....GENERAL EMILIO NUÑEZ.  
Pinar del Río.....COLONEL LUIS PEREZ.  
Santiago de Cuba.....GENERAL FRANCISCO ECHAVARRIA.  
Santa Clara.....GENERAL JOSÉ MIGUEL GOMEZ.  
Puerto Principe.....GENERAL LOPE RECIO.  
Matanzas.....COLONEL DOMINGO LECTONA.

Chief of the Rural Guard.....GENERAL ALEJANDRO RODRIGUEZ.

## Territorial Expansion of the United States.

THERE have been twelve additions to the original territory of the Union, including Alaska, the Hawaiian, Philippine, and Samoan Islands and Guam, in the Pacific, and Porto Rico and Pine Islands, in the West Indies; and the total area of the United States, including the noncontiguous territory, is now fully five times that of the original thirteen colonies.

The additions to the territory of the United States subsequent to the peace treaty with Great Britain of 1783 are shown by the following table, prepared by the General Land Office of the Interior Department:

ADDITIONS TO THE TERRITORY OF THE UNITED STATES FROM 1800 TO 1900.

| TERRITORIAL DIVISION.    | Year. | Area Added. |            | Purchase Price. | TERRITORIAL DIVISION.    | Year. | Area Added. |            | Purchase Price. |
|--------------------------|-------|-------------|------------|-----------------|--------------------------|-------|-------------|------------|-----------------|
|                          |       | S. Miles.   | Dollars.   |                 |                          |       | S. Miles.   | Dollars.   |                 |
| Louisiana purchase.....  | 1803  | 875,025     | 15,000,000 |                 | Porto Rico.....          | 1898  | 3,600       | .....      |                 |
| Florida.....             | 1819  | 70,107      | 5,499,768  |                 | Pine Islands (W. Indies) | 1898  | 882         | .....      |                 |
| Texas.....               | 1845  | 359,795     | .....      |                 | Guam.....                | 1898  | 175         | .....      |                 |
| Oregon territory.....    | 1846  | 298,689     | .....      |                 | Philippine Islands.....  | 1899  | 143,000     | 20,000,000 |                 |
| Mexican cession.....     | 1848  | 523,802     | 18,250,000 |                 | Samoaan Islands.....     | 1899  | 73          | .....      |                 |
| Purchase from Texas..... | 1850  | +           | 10,000,000 |                 | Additional Philippines.. | 1901  | 68          | 100,000    |                 |
| Gadsden purchase.....    | 1853  | +           | 10,000,000 |                 | Total.....               | ..    | 2,937,613   | 87,039,768 |                 |
| Alaska.....              | 1867  | 599,446     | 7,200,000  |                 |                          |       |             |            |                 |
| Hawaiian Islands.....    | 1897  | 6,740       | .....      |                 |                          |       |             |            |                 |

\* Includes interest payments.

† Of which \$3,250,000 was in payment of claims of American citizens against Mexico.

‡ Area purchased from Texas amounting to 123,784 square miles is not included in the column of area added, because it became a part of the area of the United States with the admission of Texas.

## Chinese Exclusion Act of 1902.

CONGRESS by act approved April 29, 1902, passed the following regulations concerning Chinese immigration into the United States and its dependencies:

CHAPTER 641—AN act to prohibit the coming into and to regulate the residence within the United States, its Territories, and all territory under its jurisdiction, and the District of Columbia, of Chinese and persons of Chinese descent, was passed by Congress and approved April 29, 1902. The following is the full text:

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That all laws now in force prohibiting and regulating the coming of Chinese persons, and persons of Chinese descent, into the United States, and the residence of such persons therein, including sections five, six, seven, eight, nine, ten, eleven, thirteen, and fourteen of the act entitled "An act to prohibit the coming of Chinese laborers into the United States," approved September 13, 1888, be, and the same are hereby, re-enacted, extended, and continued so far as the same are not inconsistent with treaty obligations, until otherwise provided by law, and said law shall also apply to the island territory under the jurisdiction of the United States, and prohibit the immigration of Chinese laborers, not citizens of the United States, from such island territory to the mainland territory of the United States, whether in such island territory at the time of cession or not, and from one portion of the island territory of the United States to another portion of said island territory: Provided, however, That said laws shall not apply to the transit of Chinese laborers from one island to another island of the same group; and any islands within the jurisdiction of any State or the District of Alaska shall be considered a part of the mainland under this section.

Sec. 2. That the Secretary of the Treasury is hereby authorized and empowered to make and prescribe, and from time to time to change, such rules and regulations not inconsistent with the laws of the land as he may deem necessary and proper to execute the provisions of this act and of the acts hereby extended and continued and of the treaty of December 8, 1894, between the United States and China, and with the approval of the President to appoint such agents as he may deem necessary for the efficient execution of said treaty and said acts.

Sec. 3. That nothing in the provisions of this act or any other act shall be construed to prevent, hinder, or restrict any foreign exhibitor, representative, or citizen of any foreign nation, or exposition authorized by act of Congress from bringing into the United States, under contract, such or any of them may deem necessary for the purpose of making preparation for installing or conducting their exhibits or of preparing for installing or conducting any business authorized or permitted under or by virtue of or pertaining to any concession or privilege which may have been or may be granted by any said fair or exposition in connection with such exposition, under such rules and regulations as the Secretary of the Treasury may prescribe, both as to the admission and return of such person or persons.

Sec. 4. That it shall be the duty of every Chinese laborer, other than a citizen, rightfully in and entitled to remain in any of the insular territory of the United States (Hawaii excepted) at the time of the passage of this act, to obtain within one year thereafter a certificate of residence in the insular territory wherein he resides, which certificate shall entitle him to residence therein, and upon failure to obtain such certificate as herein provided he shall be deported from such insular territory; and the Philippine Commission is authorized and required to make all regulations and provisions necessary for the enforcement of this section in the Philippine Islands, including the form and substance of the certificate of residence so that the same shall clearly and sufficiently identify the holder thereof and enable officials to prevent fraud in the transfer of the same: Provided, however, That if said Philippine Commission shall find that it is impossible to complete the registration herein provided for within one year from the passage of this act, said commission is hereby authorized and empowered to extend the time for such registration for a further period not exceeding one year.

**The Isthmian Canal Act.**

PASSED AT THE FIRST SESSION OF THE FIFTY-SEVENTH CONGRESS AND  
APPROVED JUNE 28, 1902.

CHAPTER 1302—An act to provide for the construction of a canal connecting the waters of the Atlantic and Pacific oceans.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the President of the United States is hereby authorized to acquire, for and on behalf of the United States, at a cost not exceeding forty millions of dollars, the rights, privileges, franchises, concessions, grants of land, right of way, unfinished work, plants, and other property, real, personal, and mixed, of every name and nature, owned by the New Panama Canal Company, of France, on the Isthmus of Panama, and all its maps, plans, drawings, records on the Isthmus of Panama and in Paris, including all the capital stock, not less, however, than sixty-eight thousand eight hundred and sixty-three shares of the Panama Railroad Company, owned by or held for the use of said canal company, provided a satisfactory title to all of said property can be obtained.

**RIGHT OF WAY FROM COLOMBIA.**

Sec. 2. That the President is hereby authorized to acquire from the Republic of Colombia, for and on behalf of the United States, upon such terms as he may deem reasonable, perpetual control of a strip of land, the territory of the Republic of Colombia, not less than six miles in width, extending from the Caribbean Sea to the Pacific Ocean, and the right to use and dispose of the waters thereon, and to excavate, construct, and to perpetually maintain, operate, and protect thereon a canal, of such depth and capacity as will afford convenient passage of ships of the greatest tonnage and draught now in use, from the Caribbean Sea to the Pacific Ocean, which control shall include the right to perpetually maintain and operate the Panama Railroad, if the ownership thereof, or a controlling interest therein, shall have been acquired by the United States, and also jurisdiction over said strip and the ports at the ends thereof to make such police and sanitary rules and regulations as shall be necessary to preserve order and preserve the public health thereon, and to establish such judicial tribunals as may be agreed upon thereon as may be necessary to enforce such rules and regulations.

The President may acquire such additional territory and rights from Colombia as in his judgment will facilitate the general purpose hereof.

**PAYMENT OF FORTY MILLION DOLLARS.**

Sec. 3. That when the President shall have arranged to secure a satisfactory title to the property of the New Panama Canal Company, as provided in section one hereof, and shall have obtained by treaty control of the necessary territory from the Republic of Colombia, as provided in section two hereof, he is authorized to pay for the property of the New Panama Canal Company forty millions of dollars and to the Republic of Colombia such sum as shall have been agreed upon, and a sum sufficient for both said purposes is hereby appropriated, out of any money in the Treasury not otherwise appropriated, to be paid on warrant or warrants drawn by the President.

**CONSTRUCTION.**

The President shall then through the Isthmian Canal Commission hereinafter authorized cause to be excavated, constructed, and completed, utilizing to that end as far as practicable the work heretofore done by the New Panama Canal Company, of France, and its predecessor company, a ship canal from the Caribbean Sea to the Pacific Ocean. Such canal shall be of sufficient capacity and depth as shall afford convenient passage for vessels of the largest tonnage and greatest draught now in use, and such as may be reasonably anticipated, and shall be supplied with all necessary locks and other appliances to meet the necessities of vessels passing through the same from ocean to ocean; and he shall also cause to be constructed such safe and commodious harbors at the termini of said canal, and make such provisions for defence as may be necessary for the safety and protection of said canal and harbors. That the President is authorized for the purposes aforesaid to employ such persons as he may deem necessary, and to fix their compensation.

**NICARAGUA ROUTE.**

Sec. 4. That should the President be unable to obtain for the United States a satisfactory title to the property of the New Panama Canal Company and the control of the necessary territory of the Republic of Colombia and the rights mentioned in sections one and two of this act, within a reasonable time and upon reasonable terms, then the President, having first obtained for the United States perpetual control by treaty of the necessary territory from Costa Rica and Nicaragua, upon terms which he may consider reasonable, for the construction, perpetual maintenance, operation, and protection of a canal connecting the Caribbean Sea with the Pacific Ocean by what is commonly known as the Nicaragua route, shall through the said Isthmian Canal Commission cause to be excavated and constructed a ship canal and waterway from a point on the shore of the Caribbean Sea near Greytown, by way of Lake Nicaragua, to a point near Brito on the Pacific Ocean. Said canal shall be of sufficient capacity and depth to afford convenient passage for vessels of the largest tonnage and greatest draught now in use, and such as may be reasonably anticipated, and shall be supplied with all necessary locks and other appliances to meet the necessities of vessels passing through the same from ocean to ocean; and he shall also construct such safe and commodious harbors at the termini of said canal as shall be necessary for the safe and convenient use thereof, and shall make such provisions for defence as may be necessary for the safety and protection of said harbors and canal; and such sum or sums of money as may be agreed upon by such treaty as compensation to be paid to Nicaragua and Costa Rica for the concessions and rights hereunder provided to be acquired by the United States, are hereby appropriated, out of any money in the Treasury not otherwise appropriated, to be paid on warrant or warrants drawn by the President.

The President shall cause the said Isthmian Canal Commission to make such surveys as may be necessary for said canal and harbors to be made, and in making such surveys and in the construction of said canal may employ such persons as he may deem necessary, and may fix their compensation. In the excavation and construction of said canal the San Juan River and Lake Nicaragua, or such parts of each as may be made available, shall be used.

THE ISTHMIAN CANAL ACT—*Continued.*

## PRELIMINARY APPROPRIATION.

Sec. 5. That the sum of ten million dollars is hereby appropriated out of any money in the Treasury not otherwise appropriated toward the project herein contemplated by either route so selected. And the President is hereby authorized to cause to be entered into such contract or contracts as may be deemed necessary for the proper excavation, construction, completion, and defence of said canal harbors, and defences, by the route finally determined upon under the provisions of this act. Appropriations therefor shall from time to time be hereafter made, not to exceed in the aggregate the additional sum of one hundred and thirty-five millions of dollars should the Panama route be adopted, or one hundred and eighty millions of dollars should the Nicaragua route be adopted.

Sec. 6. That in any agreement with the Republic of Colombia, or with the States of Nicaragua and Costa Rica, the President is authorized to guarantee to said Republic or to said States the use of said canal and harbors, upon such terms as may be agreed upon, for all vessels owned by said States or by citizens thereof.

## ISTHMIAN CANAL COMMISSION CREATED.

Sec. 7. That to enable the President to construct the canal and works appurtenant thereto as provided in this act, there is hereby created the Isthmian Canal Commission, the same to be composed of seven members, who shall be nominated and appointed by the President, by and with the advice and consent of the Senate, and who shall serve until the completion of said canal unless sooner removed by the President, and one of whom shall be named as the chairman of said Commission.

Of the seven members of said Commission at least four of them shall be persons learned and skilled in the science of engineering, and of the four at least one shall be an officer of the United States army, and at least one other shall be an officer of the United States navy, the said officers respectively being either upon the active or the retired list of the army or of the navy. Said commissioners shall each receive such compensation as the President shall prescribe until the same shall have been otherwise fixed by the Congress.

In addition to the members of said Isthmian Canal Commission, the President is hereby authorized through said Commission to employ in said service any of the engineers of the United States army at his discretion, and likewise to employ any engineers in civil life at his discretion, and any other persons necessary for the proper and expeditious prosecution of said work. The compensation of all such engineers and other persons employed under this act shall be fixed by said Commission, subject to the approval of the President. The official salary of any officer appointed or employed under this act shall be deducted from the amount of salary or compensation provided by or which shall be fixed under the terms of this act.

Said Commission shall in all matters be subject to the direction and control of the President, and shall make to the President annually and at such other periods as may be required, either by law or by the order of the President, full and complete reports of all their actings and doings and of all moneys received and expended in the construction of said work and in the performance of their duties in connection therewith, which said reports shall be by the President transmitted to Congress. And the said Commission shall furthermore give to Congress, and to either House of Congress, such information as may at any time be required either by act of Congress or by the order of either House of Congress. The President shall cause to be provided and assigned for the use of the Commission such offices as may, with the suitable equipment of the same, be necessary and proper, in his discretion, for the proper discharge of the duties thereof.

## BOND ISSUE TO DEFRAY EXPENSES.

Sec. 8. That the Secretary of the Treasury is hereby authorized to borrow on the credit of the United States from time to time, as the proceeds may be required to defray expenditures authorized by this act (such proceeds when received to be used only for the purpose of meeting such expenditures), the sum of one hundred and thirty million dollars, or so much thereof as may be necessary, and to prepare and issue therefor coupon or registered bonds of the United States in such form as he may prescribe, and in denominations of twenty dollars or some multiple of that sum, redeemable in gold coin at the pleasure of the United States after ten years from the date of their issue, and payable thirty years from such date, and bearing interest payable quarterly in gold coin at the rate of two per centum per annum; and the bonds herein authorized shall be exempt from all taxes or duties of the United States, as well as from taxation in any form by or under State, municipal, or local authority.

Provided, That said bonds may be disposed of by the Secretary of the Treasury at not less than par, under such regulations as he may prescribe, giving to all citizens of the United States an equal opportunity to subscribe therefor, but no commissions shall be allowed or paid thereon; and a sum not exceeding one-tenth of one per centum of the amount of the bonds herein authorized is hereby appropriated, out of any money in the Treasury not otherwise appropriated, to pay the expense of preparing, advertising, and issuing the same.

## TITLE TO THE CANAL VALID.

The Attorney-General of the United States on October 26, 1902, submitted to the President an opinion upon the validity of the title which the new Panama Canal Company proposed to convey to the United States. Attorney-General Knox said that an exhaustive investigation had been made by himself and Special Attorney Charles W. Russell in Paris. The objections which had been made to the purchase of the title by the United States had resolved themselves into the following proposition:

1. That the new Panama Canal Company has not power to sell the canal and railway property.
2. That the liquidator of the old Panama Canal Company has not power to consent to such sale.
3. That the French courts have not power to authorize the liquidator or the new company, or either of them, to enter into the sale.

4. That, at all events, the United States would take the property as a trust fund subject to the total obligations to the stockholders, the bondholders, and the other creditors of both companies.

The Attorney-General considered in turn each of these contentions, finding none of them tenable, and concluded his opinion thus: "For the reasons I have given, I am of the opinion that the United States would receive a good, valid, and unencumbered title."

The United States was engaged in negotiating a treaty with Colombia for perpetual ownership of the canal strip of territory when the ALMANAC went to press,

# Statistics of Manufactures in the United States.

(CENSUS OF 1900.)

THE following is the Census summary for all establishments in 1900:

| CLASSES.                                              | No. Establishments. | Capital Employed. | Proprietors. | WAGE-EARNERS.   |                 | Total Cost of Materials. | Value of Products. |
|-------------------------------------------------------|---------------------|-------------------|--------------|-----------------|-----------------|--------------------------|--------------------|
|                                                       |                     |                   |              | Average Number. | Total Wages.    |                          |                    |
| Total.....                                            | 640,606             | \$9,984,424,167   | 709,326      | 5,993,246       | \$2,399,923,615 | \$7,377,907,079          | \$13,091,876,790   |
| Hand trades*                                          | 215,990             | \$393,997,796     | 244,376      | 560,384         | \$288,658,806   | \$483,723,995            | \$1,186,201,455    |
| Governmental establishments.....                      | 145                 | 70,071,949        | ....         | 17,072          | 12,619,686      | 6,671,019                | 21,452,079         |
| Educational, eleemosynary and penal institutions..... | 402                 | 12,952,776        | 131          | 8,355           | 1,266,159       | 4,109,318                | 10,573,785         |
| Establishments with product of less than \$500        | 17,419              | 44,388,065        | 136,127      | 55,128          | 2,122,126       | 8,903,249                | 29,724,643         |
| All other establishments.                             | 296,651             | 9,463,014,181     | 328,692      | 4,752,307       | 2,055,256,838   | 6,874,459,498            | 11,843,924,828     |

\* Includes bicycle and tricycle repairing, 6,331; blacksmithing and wheelwrighting, 51,791; boots and shoes, custom work and repairing, 23,574; carpentering, 21,332; clothing, men's, custom work and repairing, 22,214; clothing, women's, dressmaking, 14,485; dyeing and cleaning, 1,810; furniture, cabinet-making, repairing, and upholstering, 6,164; lock and gun smithing, 2,103; masonry, brick and stone, 6,434; millinery, custom work, 16,153; painting, house, sign, etc., 15,200; paper-hanging, 1,645; plastering and stuccowork, 1,902; plumbing, and gas and steam fitting, 11,881; sewing machine repairing, 396; taxidermy, 147; typewriter repairing, 85; watch, clock, and jewelry repairing, 12,243.

## MANUFACTURES BY STATES.

| STATES AND TERRITORIES. | No. Establishments. | Capital Employed. | Wage-Earners. | Value of Products. | STATES AND TERRITORIES. | No. Establishments. | Capital Employed. | Wage-Earners. | Value of Products. |
|-------------------------|---------------------|-------------------|---------------|--------------------|-------------------------|---------------------|-------------------|---------------|--------------------|
| Alabama.....            | 5,602               | \$70,370,081      | 52,902        | \$80,741,449       | Missouri...             | 18,754              | \$249,888,581     | 134,975       | \$285,492,784      |
| Alaska.....             | 63                  | 3,600,409         | 2,263         | 4,250,984          | Montana.....            | 1,080               | 40,945,846        | 10,117        | 57,075,824         |
| Arizona.....            | 314                 | 10,157,408        | 3,266         | 21,315,189         | Nebraska.....           | 5,414               | 71,982,127        | 24,461        | 143,990,102        |
| Arkansas.....           | 4,794               | 35,960,640        | 29,501        | 45,197,731         | Nevada.....             | 228                 | 1,472,784         | 601           | 1,643,575          |
| California.....         | 12,582              | 205,395,025       | 91,047        | 302,874,761        | N. Hamp.....            | 4,671               | 100,929,661       | 70,419        | 118,669,308        |
| Colorado.....           | 3,570               | 62,825,472        | 24,725        | 102,830,137        | N. Jersey....           | 15,481              | 502,824,082       | 241,582       | 611,748,983        |
| Conn'ticut....          | 9,128               | 314,696,736       | 176,664       | 352,824,106        | N. Mexico....           | 420                 | 2,698,786         | 2,600         | 5,605,795          |
| Delaware.....           | 1,417               | 41,203,239        | 22,203        | 45,887,630         | N. York.....            | 78,659              | 1,679,906,515     | 849,092       | 2,175,766,900      |
| D. Col'bia....          | 2,754               | 41,961,245        | 24,820        | 47,667,622         | N. C'ina.....           | 7,226               | 76,505,894        | 70,570        | 94,919,663         |
| Florida.....            | 2,056               | 33,107,477        | 24,230        | 36,810,243         | N. Dakota....           | 1,130               | 5,296,490         | 2,398         | 9,133,114          |
| Georgia.....            | 7,504               | 99,789,655        | 83,842        | 106,654,527        | Ohio.....               | 32,398              | 605,762,566       | 345,869       | 832,428,113        |
| Hawaii.....             | 395                 | 11,541,655        | 4,587         | 24,992,068         | Oklahoma....            | 870                 | 3,452,064         | 2,054         | 7,093,938          |
| Idaho.....              | 591                 | 2,941,524         | 1,477         | 4,020,552          | Oregon.....             | 3,088               | 33,422,393        | 17,296        | 46,000,587         |
| Illinois.....           | 38,360              | 776,829,598       | 395,110       | 1,259,571,105      | P'ylvania....           | 52,185              | 1,551,548,712     | 733,534       | 1,835,104,431      |
| Indiana.....            | 18,015              | 234,481,528       | 156,956       | 378,120,140        | Rhode Isl....           | 4,189               | 183,784,587       | 98,813        | 184,074,378        |
| Indian Ter...           | 789                 | 2,621,225         | 1,714         | 3,899,181          | S. Carolina..           | 3,762               | 67,356,465        | 48,135        | 58,748,731         |
| Iowa.....               | 14,819              | 102,733,103       | 58,553        | 164,617,877        | S. Dakota....           | 1,639               | 7,578,898         | 3,121         | 12,219,289         |
| Kansas.....             | 7,830               | 66,827,362        | 35,133        | 172,129,898        | Ten'essee....           | 8,007               | 71,182,966        | 50,167        | 107,437,879        |
| Kentucky....            | 9,560               | 104,070,791       | 62,962        | 154,605,115        | Texas.....              | 12,289              | 90,433,882        | 48,152        | 119,414,962        |
| Louisiana....           | 4,350               | 113,084,294       | 42,210        | 121,816,883        | Utah.....               | 1,400               | 14,850,948        | 6,615         | 21,215,783         |
| Maine.....              | 6,702               | 122,918,826       | 74,816        | 127,361,485        | Vermont.....            | 4,248               | 45,670,988        | 29,455        | 57,646,715         |
| Maryland....            | 9,879               | 163,147,260       | 108,325       | 242,552,990        | Virginia....            | 3,631               | 52,649,760        | 33,806        | 132,397,910        |
| Mass.....               | 29,180              | 823,264,287       | 497,444       | 1,035,198,989      | Wash'n.....             | 4,418               | 55,904,238        | 33,272        | 74,838,330         |
| Michigan....            | 16,807              | 284,097,133       | 182,355       | 356,944,082        | West Va....             | 1,617               | 330,568,779       | 142,076       | 360,818,942        |
| Minnesota...            | 11,114              | 165,830,246       | 77,234        | 262,655,881        | W'consin....            | 334                 | 2,411,435         | 2,241         | 4,301,240          |
| Mississi'pi             | 4,772               | 35,807,419        | 26,418        | 40,431,386         | W'oming....             |                     |                   |               |                    |

## TOTALS FOR SELECTED INDUSTRIES.

| CLASSES.                                         | No. Es-tablishments. | Capital Employed. | Proprietors. | WAGE-EARNERS.   |              | Total Cost of Mater als. | Value of Products. |
|--------------------------------------------------|----------------------|-------------------|--------------|-----------------|--------------|--------------------------|--------------------|
|                                                  |                      |                   |              | Average Number. | Total Wages. |                          |                    |
| Wool manufactures.....                           | 2,636                | \$415,075,713     | 8,214        | 264,021         | \$92,499,262 | \$250,805,214            | \$27,905,620       |
| Cotton manufactures....                          | 1,051                | 467,240,157       | 4,902        | 302,861         | 86,689,752   | 176,551,527              | 339,198,619        |
| Silk and silk goods.....                         | 483                  | 81,082,201        | 2,657        | 65,416          | 20,982,194   | 62,406,665               | 107,256,258        |
| Iron and steel—Rolling mills and steel works.... | 438                  | 429,960,043       | 7,442        | 183,033         | 102,238,692  | 390,568,117              | 596,583,034        |
| Blast furnaces.....                              | 223                  | 143,159,232       | 1,757        | 39,241          | 18,484,400   | 131,503,665              | 206,756,557        |
| Slaughtering and meat packing.....               | 921                  | 189,198,264       | 10,227       | 68,534          | 33,457,013   | 653,583,577              | 786,603,670        |
| Lumber and timber products.....                  | 33,035               | 611,611,524       | 12,530       | 283,260         | 104,640,591  | 317,923,548              | 566,832,984        |
| Flouring and grist mill products.....            | 25,258               | 218,714,104       | 5,790        | 37,073          | 17,703,418   | 475,826,345              | 560,719,063        |
| Lead, smelting and refining.....                 | 39                   | 72,148,933        | 425          | 8,311           | 5,088,684    | 144,195,163              | 175,466,304        |
| Copper, smelting and refining.....               | 47                   | 53,063,395        | 488          | 11,324          | 8,529,021    | 122,174,129              | 165,131,670        |
| Liquors, malt.....                               | 1,524                | 415,284,468       | 7,153        | 39,532          | 25,826,211   | 51,674,928               | 237,269,713        |
| Liquors, distilled.....                          | 967                  | 32,551,604        | 661          | 3,722           | 1,733,218    | 15,147,784               | 96,798,443         |
| Boots and shoes, factory product.....            | 1,600                | 101,795,233       | 7,843        | 142,922         | 59,175,883   | 169,604,054              | 261,028,580        |

STATISTICS OF MANUFACTURES IN THE UNITED STATES—Continued.

TOTALS FOR SELECTED INDUSTRIES—Continued.

| CLASSES.                                    | No. Establishments. | Capital Employed. | Proprietors. | WAGE-EARNERS.   |              | Total Cost of Material. | Value of Products. |
|---------------------------------------------|---------------------|-------------------|--------------|-----------------|--------------|-------------------------|--------------------|
|                                             |                     |                   |              | Average Number. | Total Wages. |                         |                    |
| Printing and publishing.                    | 15,305              | \$192,443,708     | 27,579       | 94,604          | \$50,333,051 | \$50,214,904            | \$223,983,569      |
| Cars and general shop construction.....     | 1,396               | 119,580,273       | 7,096        | 173,652         | 96,062,329   | 109,539,013             | 218,238,277        |
| Leather, tanned, carried, and finished..... | 1,306               | 173,977,421       | 2,442        | 52,109          | 22,591,091   | 155,603,004             | 204,038,127        |
| Chemical manufactures.                      | 1,740               | 238,529,641       | 8,605        | 46,765          | 21,799,251   | 124,043,837             | 202,582,396        |
| Cheese, butter, and condensed milk.....     | 9,351               | 36,491,799        | 2,226        | 12,860          | 6,169,060    | 109,139,801             | 131,183,338        |
| Paper and wood pulp....                     | 763                 | 167,507,713       | 2,935        | 49,646          | 20,746,426   | 70,530,236              | 127,286,162        |
| Petroleum refining.....                     | 67                  | 95,327,892        | 1,201        | 12,199          | 6,717,087    | 102,859,341             | 123,929,384        |
| Carriages and wagons....                    | 7,632               | 118,187,838       | 4,311        | 62,640          | 29,814,911   | 56,076,073              | 121,537,276        |
| Agricultural implements.                    | 715                 | 157,707,951       | 10,046       | 46,682          | 22,450,880   | 43,944,628              | 101,207,428        |
| Clay products.....                          | 6,422               | 147,913,323       | 5,200        | 105,618         | 39,534,070   | 22,903,184              | 95,443,862         |
| Gas, illuminating and heating.....          | 877                 | 567,000,506       | 5,904        | 22,459          | 13,436,296   | 20,605,256              | 75,716,693         |
| Shipbuilding.....                           | 1,116               | 77,362,701        | 1,407        | 46,781          | 24,839,163   | 33,486,772              | 74,578,158         |
| Glass.....                                  | 355                 | 61,423,903        | 2,268        | 52,813          | 26,529,748   | 16,731,009              | 55,539,712         |
| Coke.....                                   | 241                 | 36,502,679        | 915          | 16,999          | 7,085,736    | 19,665,532              | 35,585,446         |
| Turpentine and rosin....                    | 1,503               | 11,847,495        | 1,889        | 41,864          | 8,393,483    | 6,186,492               | 20,344,888         |

The Automobile Industry.

THE Census Office reported the following production in the United States in 1900:

| STATES.            | Manufacturers. | Number. | Value.    | STATES.           | Manufacturers. | Number. | Value.      |
|--------------------|----------------|---------|-----------|-------------------|----------------|---------|-------------|
| California.....    | 4              | 4       | \$9,350   | New Jersey.....   | 8              | 248     | \$452,655   |
| Connecticut.....   | 4              | 911     | 1,890,592 | New York.....     | 21             | 624     | 471,547     |
| Illinois.....      | 6              | 671     | 758,777   | Ohio.....         | 8              | 185     | 240,600     |
| Indiana.....       | 4              | 55      | 61,915    | Pennsylvania..... | 13             | 74      | 73,455      |
| Maine.....         | 3              | 13      | 13,100    | Wisconsin.....    | 6              | 124     | 30,900      |
| Maryland.....      | 3              | 25      | 55,500    | Others.....       | 9              | 27      | 12,565      |
| Massachusetts..... | 17             | 1,198   | 789,892   | Total.....        | 109            | 4,192   | \$4,899,443 |
| Missouri.....      | 3              | 28      | 29,600    |                   |                |         |             |

The production since 1900, however, has largely increased. The output of American factories in 1901 was probably 10,000 vehicles, valued at \$10,000,000. The New York *Sun* collected statistics for 1902, and reported that during the first eight months 19,000 vehicles were manufactured, valued at \$20,000,000. There are 300 automobile manufacturers actually engaged in building complete vehicles in the United States, and about 2,000 manufacturers who, in addition to their other business, make component parts and accessories for automobiles. The figures for eighty-six principal manufacturers were as follows:

Fifty firms made 10,040 gasoline automobiles which sold for \$10,431,250. This would make an average price slightly above \$1,000 apiece, but if the one firm which turned out nearly one-half of the total number at a much lower price is left out of the figuring, there remain 5,040 gasoline vehicles costing \$7,181,250, or an average of about \$1,400.

Twenty-seven manufacturers of steam vehicles produced 6,180 carriages, valued at \$6,525,000, an average of slightly more than \$1,000.

Thirteen makers of electric vehicles produced 1,835 trucks and carriages, sold for \$2,262,500, the trucks bringing the average up to between \$1,200 and \$1,300 a vehicle.

It is estimated that there were 40,000 vehicles in the United States at the close of 1902, including foreign imported vehicles. It is expected that the output will be greatly increased in 1903.

The London *Daily Mail Year-Book* for 1902 gives the number of motor cars in use in Britain as 40,000. Extensive manufacturing is in progress, in France and Germany. Statistical information about automobiles is as yet in a crude state, and only approximate figures can be given.

List of Appropriations by Congress, 1897-1903.

|                                           | 1897.          | 1898.          | 1899.          | 1900.           | 1901.           | 1902.           | 1903.           |
|-------------------------------------------|----------------|----------------|----------------|-----------------|-----------------|-----------------|-----------------|
| Deficiencies.....                         | \$13,900,100   | \$8,594,447.64 | 347,165,001.82 | \$46,882,724.75 | \$13,767,008.75 | \$13,283,314.99 | \$21,944,124.77 |
| Legislative, Executive, and Judicial..... | 21,519,751     | 21,690,766.90  | 21,625,846.65  | 23,394,051.88   | 24,175,632.53   | 24,594,968.85   | 25,396,683.20   |
| Sundry Civil.....                         | 29,612,113     | 34,344,970.47  | 32,997,732.70  | 39,331,733.86   | 47,594,309.70   | 54,574,252.51   | 54,394,001.63   |
| Support of the Army.....                  | 23,278,403     | 23,129,344.30  | 23,193,392.00  | 20,430,206.05   | 114,220,095.55  | 115,734,049.10  | 91,730,136.41   |
| Naval Service.....                        | 30,562,661     | 33,003,234.19  | 56,098,783.68  | 48,099,669.58   | 61,140,916.67   | 78,101,731.00   | 78,856,363.13   |
| Indian Service.....                       | 7,390,497      | 7,674,120.89   | 7,673,854.90   | 7,504,775.81    | 8,197,989.24    | 9,717,471.09    | 8,985,028.10    |
| Rivers and Harbors.....                   | 15,944,147     | 19,266,312.91  | 14,492,459.56  | 25,100,028.94   | 16,175,605.75   | 7,046,633.00    | 32,549,193.50   |
| Forts and Fortifications.....             | 7,377,888      | 9,517,141.00   | 9,377,494.00   | 4,909,902.00    | 7,383,628.00    | 7,364,011.00    | 7,298,955.00    |
| Military Academy.....                     | 449,326        | 479,572.83     | 458,689.23     | 575,774.47      | 674,306.67      | 772,653.68      | 2,627,324.42    |
| Post-Office Department.....               | Indefinite.    | Indefinite.    | Indefinite.    | Indefinite.     | Indefinite.     | Indefinite.     | Indefinite.     |
| Pensions.....                             | 141,338,580    | 141,338,880.00 | 141,233,630.00 | 145,233,830.00  | 152,245,230.00  | 145,245,230.00  | 139,842,230.00  |
| Consular and Diplomatic.....              | 1,643,579      | 1,695,308.76   | 1,753,298.76   | 1,714,533.76    | 1,771,168.76    | 1,849,428.76    | 1,987,483.31    |
| Agricultural Department.....              | 3,255,532      | 3,182,902.00   | 3,509,202.00   | 3,795,022.00    | 4,023,320.00    | 4,382,320.00    | 5,203,960.00    |
| District of Columbia.....                 | 5,900,319      | 6,196,991.06   | 6,426,880.07   | 6,834,333.77    | 7,577,369.31    | 8,502,269.94    | 8,544,469.97    |
| Miscellaneous.....                        | 423,304        | 1,150,464.59   | 6,044,898.26   | 28,721,653.41   | 3,205,362.05    | 7,961,140.93    | 4,081,747.24    |
| Totals.....                               | 302,766,386.31 | 311,179,557.54 | 673,050,293.63 | 462,509,750.27  | 457,152,142.98  | 479,365,657.55  | 486,439,306.68  |

United States Post-Office Statistics.

| FISCAL YEARS. | Number of Post-Offices. | Extent of Post Routes in Miles. | Revenue of the Department. | Expenditure of the Department. | ACCOUNT PAID FOR         |                             |
|---------------|-------------------------|---------------------------------|----------------------------|--------------------------------|--------------------------|-----------------------------|
|               |                         |                                 |                            |                                | Salaries of Postmasters. | Transportation of the Mail. |
| 1865.....     | 20,550                  | 142,340                         | \$14,556,159               | \$13,694,728                   | \$3,383,382              | \$6,246,884                 |
| 1870.....     | 28,492                  | 231,232                         | 19,772,221                 | 23,998,837                     | 4,673,466                | 10,884,653                  |
| 1875.....     | 35,547                  | 277,873                         | 27,791,360                 | 33,611,309                     | 7,049,936                | 18,777,207                  |
| 1877.....     | 37,345                  | 292,820                         | 27,468,323                 | 33,486,322                     | 7,295,251                | 18,529,238                  |
| 1878.....     | 39,258                  | 301,966                         | 29,277,517                 | 34,165,084                     | 7,977,852                | 19,262,422                  |
| 1879.....     | 40,855                  | 316,711                         | 30,047,983                 | 33,445,899                     | 7,185,540                | 20,012,872                  |
| 1880.....     | 42,989                  | 343,888                         | 33,315,479                 | 36,542,804                     | 7,701,418                | 22,255,984                  |
| 1881.....     | 44,512                  | 344,006                         | 36,785,398                 | 39,251,736                     | 8,298,743                | 23,196,032                  |
| 1882.....     | 46,231                  | 343,618                         | 41,876,410                 | 40,039,635                     | 8,964,677                | 22,846,112                  |
| 1883.....     | 47,863                  | 353,166                         | 45,508,693                 | 42,816,700                     | 10,319,441               | 23,067,323                  |
| 1884.....     | 50,017                  | 359,590                         | 43,338,127                 | 46,404,960                     | 11,283,831               | 25,359,816                  |
| 1885.....     | 51,252                  | 365,251                         | 42,560,844                 | 49,533,150                     | 11,431,305               | 27,765,124                  |
| 1886.....     | 53,614                  | 366,667                         | 43,948,423                 | 50,839,435                     | 11,348,178               | 27,553,239                  |
| 1887.....     | 55,157                  | 373,142                         | 48,837,610                 | 52,391,678                     | 11,929,481               | 28,135,679                  |
| 1888.....     | 57,281                  | 403,977                         | 52,695,176                 | 55,795,358                     | 12,600,186               | 29,151,168                  |
| 1889.....     | 58,999                  | 416,159                         | 56,175,611                 | 61,376,847                     | 13,171,382               | 31,893,359                  |
| 1890.....     | 62,401                  | 427,991                         | 60,882,097                 | 65,930,717                     | 13,753,096               | 33,885,978                  |
| 1891.....     | 64,329                  | 439,027                         | 65,931,786                 | 71,662,463                     | 14,527,000               | 36,805,621                  |
| 1892.....     | 67,119                  | 447,591                         | 70,930,475                 | 76,323,762                     | 15,249,565               | 38,387,236                  |
| 1893.....     | 68,403                  | 453,832                         | 75,896,933                 | 81,074,104                     | 15,862,621               | 41,179,054                  |
| 1894.....     | 69,805                  | 454,746                         | 75,080,479                 | 84,324,414                     | 15,899,709               | 45,375,359                  |
| 1895.....     | 70,064                  | 456,026                         | 76,983,128                 | 86,709,172                     | 16,079,508               | 46,336,326                  |
| 1896.....     | 70,360                  | 463,313                         | 82,499,208                 | 90,626,296                     | 16,576,674               | 47,993,067                  |
| 1897.....     | 71,022                  | 470,032                         | 82,665,462                 | 94,077,242                     | 16,917,621               | 49,862,074                  |
| 1898.....     | 73,570                  | 480,462                         | 89,012,618                 | 98,033,523                     | 17,460,621               | 51,780,283                  |
| 1899.....     | 75,000                  | 496,948                         | 95,021,384                 | 101,632,160                    | 18,223,506               | 53,331,557                  |
| 1900.....     | 76,688                  | 500,982                         | 102,354,579                | 107,740,268                    | 19,112,097               | 55,772,881                  |
| 1901.....     | 76,945                  | 511,808                         | 111,631,193                | 115,554,920                    | 19,949,514               | 57,691,953                  |
| 1902.....     | 76,215                  | 507,540                         | 121,848,047                | 124,785,697                    | 20,783,919               | 60,533,217                  |

Of the whole number of post-offices at the close of the fiscal year June 30, 1902, 4,743 were Presidential offices and 71,472 were fourth-class offices.

The number of pieces of postal matter of all kinds which pass through the mails of the United States annually is about 8,000,000,000. The annual aggregate number of letters transmitted through the post-offices of the world may be estimated at 20,000,000,000, and of newspapers, 12,000,000,000.

POSTAL REVENUE OF FIFTY LARGEST CITIES IN 1902.

The receipts by the Post-Office Department from the fifty largest cities of the United States in the fiscal year ending June 30, 1902, were as follows:

| Cities.                  | Amount.         | Cities.            | Amount.      | Cities.             | Amount.      |
|--------------------------|-----------------|--------------------|--------------|---------------------|--------------|
| New York City, Manhattan | \$11,619,877.10 | St. Paul, Minn.    | \$626,554.30 | Syracuse, N. Y.     | \$314,071.03 |
| Chicago, Ill.            | 8,376,457.75    | Denver, Col.       | 567,952.41   | Hartford, Ct.       | 300,329.46   |
| Philadelphia, Pa.        | 4,151,809.22    | Indianapolis, Ind. | 556,799.33   | Albany, N. Y.       | 296,737.16   |
| Boston, Mass.            | 3,608,342.15    | Louisville, Ky.    | 553,732.12   | Jersey City, N. J.  | 279,728.84   |
| St. Louis, Mo.           | 2,408,770.67    | New Orleans, La.   | 538,235.32   | Dayton, Ohio.       | 278,394.94   |
| Brooklyn, N. Y.          | 1,612,878.82    | Rochester, N. Y.   | 531,824.16   | Memphis, Tenn.      | 273,791.49   |
| Cincinnati, Ohio.        | 1,480,494.06    | Newark, N. J.      | 525,396.43   | Worcester, Mass.    | 272,615.16   |
| Baltimore, Md.           | 1,329,834.88    | Columbus, Ohio.    | 487,929.61   | Grand Rapids, Mich. | 269,095.07   |
| Pittsburgh, Pa.          | 1,214,018.23    | Providence, R. I.  | 447,400.92   | Nashville, Tenn.    | 261,119.74   |
| San Francisco, Cal.      | 1,201,840.01    | Omaha, Neb.        | 438,711.22   | Portland, Ore.      | 258,445.69   |
| Cleveland, Ohio.         | 1,137,190.97    | Atlanta, Ga.       | 415,392.04   | Dallas, Tex.        | 246,795.91   |
| Buffalo, N. Y.           | 1,030,644.30    | Des Moines, Iowa.  | 386,436.74   | Seattle, Wash.      | 244,222.12   |
| Detroit, Mich.           | 945,660.28      | Toledo, Ohio.      | 382,442.17   | Springfield, Mass.  | 243,274.19   |
| Kansas City, Mo.         | 926,108.17      | Los Angeles, Cal.  | 352,183.73   | Scranton, Pa.       | 232,879.43   |
| Minneapolis, Minn.       | 893,102.41      | New Haven, Ct.     | 318,116.85   | Racine, Wis.        | 215,672.60   |
| Washington, D. C.        | 820,980.48      | Richmond, Va.      | 316,797.22   | Allegheny, Pa.      | 213,022.19   |
| Milwaukee, Wis.          | 780,218.80      |                    |              |                     |              |

DOMESTIC MONEY-ORDERS ISSUED IN 1902.

| States and Territories.   | Amount.        | States and Territories. | Amount.        | States and Territories.     | Amount.          |
|---------------------------|----------------|-------------------------|----------------|-----------------------------|------------------|
| Alaska.....               | \$4,207,612.57 | Louisiana.....          | \$4,095,311.07 | Oregon.....                 | \$4,486,890.76   |
| Alabama.....              | 1,249,337.42   | Maine.....              | 3,354,721.15   | Pennsylvania.....           | 23,969,036.00    |
| Arizona.....              | 2,261,225.34   | Maryland.....           | 1,174,970.96   | Porto Rico.....             | 1,638,232.19     |
| Arkansas.....             | 3,908,474.70   | Massachusetts.....      | 10,989,470.59  | Rhode Island.....           | 1,527,995.65     |
| California.....           | 17,921,402.90  | Michigan.....           | 13,373,324.63  | South Carolina.....         | 1,933,907.32     |
| Colorado.....             | 6,899,485.93   | Minnesota.....          | 8,615,191.35   | South Dakota.....           | 3,049,419.47     |
| Connecticut.....          | 4,420,340.61   | Mississippi.....        | 3,894,157.81   | Tennessee.....              | 2,712,516.00     |
| Delaware.....             | 407,887.22     | Missouri.....           | 8,583,303.65   | Texas.....                  | 14,227,664.33    |
| District of Columbia..... | 1,865,419.23   | Montana.....            | 3,350,617.82   | Tutulla.....                | 8,415.76         |
| Florida.....              | 2,629,031.91   | Nebraska.....           | 6,264,926.16   | Utah.....                   | 2,015,311.24     |
| Georgia.....              | 4,292,798.83   | Nevada.....             | 1,696,212.06   | Vermont.....                | 1,627,235.18     |
| Hawaii.....               | 2,482,169.29   | New Hampshire.....      | 1,764,961.27   | Virginia.....               | 3,286,408.09     |
| Idaho.....                | 2,846,677.90   | New Jersey.....         | 5,245,957.20   | Washington.....             | 8,455,185.35     |
| Illinois.....             | 18,770,032.62  | New Mexico.....         | 1,095,791.24   | West Virginia.....          | 2,753,195.40     |
| Indiana.....              | 10,063,708.89  | New York.....           | 25,840,925.90  | Wisconsin.....              | 9,516,068.39     |
| Indian Territory.....     | 1,841,962.59   | North Carolina.....     | 2,366,162.83   | Wyoming.....                | 1,322,703.35     |
| Iowa.....                 | 10,139,511.92  | North Dakota.....       | 2,895,554.50   | Shanghai U.S. Postal Agency | 2,868.79         |
| Kansas.....               | 8,298,569.01   | Ohio.....               | 15,570,611.32  | Supt. M. O. System.....     | 201,753.16       |
| Kentucky.....             | 2,649,886.09   | Oklahoma.....           | 2,928,095.60   | Total.....                  | \$313,551,279.88 |

The number of domestic money-orders issued in the fiscal year 1902 was 40,474,327; amounting to \$313,551,279; number of international money-orders, 1,311,111; amount, \$22,974,473.



American and Foreign Shipping.

UNITED STATES VESSELS, 1902.

| CLASS.               | ENGAGED IN FOREIGN TRADE. |          | ENGAGED IN COASTWISE TRADE. |           |
|----------------------|---------------------------|----------|-----------------------------|-----------|
|                      | Number.                   | Tonnage. | Number.                     | Tonnage.  |
| Steamers.....        | 332                       | 455,017  | 7,386                       | 2,718,049 |
| Sailing vessels..... | 858                       | 418,218  | 14,130                      | 2,140,665 |
| Canal-boats.....     |                           |          |                             |           |
| Barges.....          |                           |          |                             |           |
| Total.....           | 1,190                     | 873,235  | 21,516                      | 4,858,714 |

The entire number of documented vessels was 24,273, of which 7,727 were steamers and 16,546 were vessels other than steamers, all aggregating 5,797,902 tons.

The estimated value of the whole amount of floating property under the flag, according to the census of 1890, was \$215,069,296. The statistics of the above table are for the fiscal year ending June 30, 1902.

SHIPBUILDING IN THE UNITED STATES.

The following table shows the class, number, and tonnage of the documented vessels built in this country during the last four years reported:

| CLASS.               | 1899.   |         | 1900.   |         | 1901.   |         | 1902.   |         |
|----------------------|---------|---------|---------|---------|---------|---------|---------|---------|
|                      | Number. | Tons.   | Number. | Tons.   | Number. | Tons.   | Number. | Tons.   |
| Sailing vessels..... | 420     | 98,073  | 504     | 116,460 | 526     | 126,165 | 581     | 97,698  |
| Steam vessels.....   | 439     | 151,058 | 422     | 202,528 | 506     | 273,591 | 579     | 308,180 |
| Canal-boats.....     | 13      | 1,411   | 38      | 4,492   | 79      | 9,078   | 44      | 4,539   |
| Barges.....          | 401     | 49,496  | 483     | 70,310  | 469     | 74,655  | 287     | 58,416  |
| Total.....           | 1,273   | 300,038 | 1,447   | 393,790 | 1,580   | 483,489 | 1,491   | 468,833 |

IRON AND STEEL TONNAGE BUILT IN THE UNITED STATES, 1870-1902.

| YEARS.    | Sailing Vessels and Barges. |        | Total. | YEARS.    | Sailing Vessels and Barges. |         | Total.  |
|-----------|-----------------------------|--------|--------|-----------|-----------------------------|---------|---------|
|           | Sailing Vessels.            | Total. |        |           | Sailing Vessels.            | Total.  |         |
| 1870..... | 679                         | 7,602  | 8,281  | 1887..... | 92                          | 34,261  | 34,353  |
| 1872..... | .....                       | 12,766 | 12,766 | 1888..... | 746                         | 35,972  | 36,718  |
| 1873..... | .....                       | 26,547 | 26,547 | 1889..... | 33                          | 53,479  | 53,512  |
| 1874..... | .....                       | 33,096 | 33,096 | 1890..... | 4,975                       | 75,402  | 80,377  |
| 1875..... | .....                       | 21,631 | 21,631 | 1891..... | 6,309                       | 99,309  | 105,618 |
| 1876..... | .....                       | 21,346 | 21,346 | 1892..... | 5,282                       | 46,092  | 51,374  |
| 1877..... | .....                       | 5,927  | 5,927  | 1893..... | 13,104                      | 81,428  | 94,532  |
| 1878..... | .....                       | 26,960 | 26,960 | 1894..... | 4,649                       | 46,821  | 51,470  |
| 1879..... | .....                       | 22,007 | 22,007 | 1895..... | 5,975                       | 42,619  | 48,594  |
| 1880..... | 44                          | 25,538 | 25,582 | 1896..... | 16,832                      | 96,388  | 113,220 |
| 1881..... | 36                          | 28,319 | 28,355 | 1897..... | 46,158                      | 78,236  | 124,394 |
| 1882..... | .....                       | 40,096 | 40,096 | 1898..... | 13,765                      | 48,501  | 62,266  |
| 1883..... | 2,033                       | 37,613 | 39,646 | 1899..... | 28,361                      | 103,018 | 131,379 |
| 1884..... | 4,432                       | 31,200 | 35,632 | 1900..... | 28,903                      | 167,948 | 196,851 |
| 1885..... | 731                         | 43,297 | 44,028 | 1901..... | 26,571                      | 236,128 | 262,699 |
| 1886..... | 692                         | 14,215 | 14,907 | 1902..... | 9,430                       | 270,932 | 280,362 |

COMPARATIVE GROWTH OF THE TONNAGE OF THE MERCHANT NAVIES OF THE UNITED STATES AND OF THE PRINCIPAL MARITIME COUNTRIES OF EUROPE FROM 1850 TO 1902.

| COUNTRIES.            | 1850.     | 1860.     | 1870.     | 1880.     | 1890.      | 1895.      | 1896.     | 1897.      | 1898.      | 1902.      |
|-----------------------|-----------|-----------|-----------|-----------|------------|------------|-----------|------------|------------|------------|
| American.....         | 3,485,266 | 5,299,175 | 4,134,740 | 4,068,034 | 4,424,497  | 4,635,960  | 4,703,880 | 4,769,020  | 4,749,738  | 5,797,902  |
| British.....          | 4,232,962 | 5,710,968 | 7,149,134 | 8,447,171 | 11,597,106 | 13,434,145 | 13,563,97 | 13,641,116 | 13,988,500 | 15,546,397 |
| French.....           | 688,152   | 986,124   | 1,072,048 | 919,298   | 1,045,102  | 1,154,783  | 1,148,970 | 1,218,789  | 1,442,091  | 1,519,322  |
| Norwegian.....        | 298,315   | 558,927   | 1,022,515 | 1,318,655 | 1,584,355  | 1,713,611  | 1,705,722 | 1,679,832  | 1,694,240  | 1,632,157  |
| Swedish.....          | .....     | .....     | 346,802   | 542,642   | 475,964    | 515,010    | 532,888   | 560,641    | 605,991    | 690,173    |
| Danish.....           | .....     | .....     | 175,646   | 248,466   | 290,965    | 326,585    | 388,540   | 431,153    | 511,955    | 628,493    |
| German.....           | .....     | .....     | 1,182,097 | 1,569,311 | 1,865,490  | 1,930,460  | 2,006,950 | 2,453,304  | 3,138,588  | 3,138,588  |
| Dutch.....            | .....     | .....     | 882,355   | 999,196   | 816,567    | 838,191    | 821,963   | 822,876    | 875,851    | 1,159,082  |
| Belgian.....          | 34,919    | 33,111    | 30,149    | 75,666    | 110,571    | 116,331    | 132,464   | 134,891    | 151,842    | 171,201    |
| Italian.....          | .....     | .....     | 1,012,164 | 999,196   | 816,567    | 838,191    | 821,963   | 822,876    | 875,851    | 1,159,082  |
| Austro-Hungarian..... | .....     | .....     | 329,377   | 290,971   | 269,648    | 306,119    | 295,805   | 334,832    | 300,414    | 556,104    |
| Greek.....            | .....     | 263,073   | 404,063   | .....     | 307,610    | 381,180    | 385,935   | 397,896    | 233,743    | 243,157    |

The above tables, except the data of merchant navies of the world for 1850, have been compiled from the report of the Commissioner of Navigation of the United States. The same authority gives the tonnage of the merchant navy of the United States in 1900 as 5,164,839, in 1901 as 5,524,218, and 1902, 5,797,902. Russia in 1902 had a tonnage of 600,334, and Spain of 794,573.

## Foreign Trade of the United States.

(Prepared for THE WORLD ALMANAC by the Bureau of Statistics of the Treasury Department.)

### EXPORTS.

MERCHANDISE AND SPECIE EXPORTED FROM THE UNITED STATES DURING THE FISCAL YEAR  
ENDED JUNE 30, 1902.

| ARTICLES.                                                       | Quantities.   | Values.      | ARTICLES.                                         | Quantities.   | Values.                |
|-----------------------------------------------------------------|---------------|--------------|---------------------------------------------------|---------------|------------------------|
| <b>Domestic Merchandise.</b>                                    |               |              | <b>Domestic Merchandise.</b>                      |               |                        |
| Agricultural Implements.....                                    | ....          | \$16,986,740 | Musical Instruments.....                          | ....          | \$3,694,143            |
| Animals.....                                                    | ....          | 44,871,684   | Naval Stores.....                                 | ....          | 11,735,869             |
| Books, Maps, Engravings, and other<br>Printed Matter.....       | ....          | 3,997,977    | Oil Cake, Oil Cake Meal.....                      | 1,648,093,619 | 19,943,194             |
| Brass, and Manufactures of.....                                 | ....          | 1,930,810    | Oils: Animal.....galls.                           | 2,121,661     | 910,697                |
| Breadstuffs: Corn.....bush.                                     | 26,636,552    | 16,185,673   | " Mineral, Crude.....galls.                       | 133,536,800   | 6,084,813              |
| " Wheat.....bush.                                               | 154,856,102   | 112,875,222  | " Mineral, Refined or Manuf'd.                    | ....          | 66,218,004             |
| " Wheat Flour.....bbls.                                         | 17,759,203    | 65,661,974   | " Vegetable.....                                  | ....          | 15,308,633             |
| Carriages, Cars, and other Vehicles<br>and Parts of.....        | ....          | 9,872,516    | Paints, Pigments, and Colors.....                 | ....          | 2,096,379              |
| Chemicals, Drugs, Dyes, and Medi-<br>cines.....                 | ....          | 13,988,218   | Paper, and Manufactures of.....                   | ....          | 7,312,030              |
| Clocks and Watches.....                                         | ....          | 2,144,490    | Paraffine, Paraffine Wax.....lbs.                 | 173,583,203   | 8,858,844              |
| Coal: Anthracite.....tons                                       | 1,570,490     | 7,117,809    | Provisions: Beef Products.....lbs.                | 451,987,178   | 40,719,626             |
| " Bituminous.....tons                                           | 5,400,694     | 13,647,692   | " Hog Products.....lbs.                           | 1,337,315,909 | 12,855,490             |
| Copper Ore.....tons                                             | 25,076        | 2,601,697    | " Oleomargarine.....lbs.                          | 144,267,342   | 11,529,151             |
| Manufactures of.....                                            | ....          | 41,218,373   | " Dairy Products.....                             | ....          | 7,104,770              |
| Cotton, Unmanufactured.....lbs.                                 | 3,500,778,763 | 290,651,819  | Seeds: Clover.....lbs.                            | 7,256,573     | 594,733                |
| Manufactures of.....                                            | ....          | 32,108,382   | " All other.....                                  | ....          | 7,433,091              |
| Earthen, Stone, and China Ware.....                             | ....          | 600,798      | Soap.....                                         | ....          | 1,630,338              |
| Fertilizers.....                                                | ....          | 6,256,035    | Spirits, Distilled.....proof galls.               | 2,956,889     | 3,011,894              |
| Fibres, Vegetable, and Textile Grasses,<br>Manufactures of..... | ....          | 4,575,219    | Starch.....                                       | 28,183,967    | 656,705                |
| Fish.....                                                       | ....          | 6,563,199    | Sugar, Molasses, and Syrup.....galls.             | 17,777,253    | 2,465,031              |
| Fruits, Apples, Green or Ripe.....bbls.                         | 459,719       | 1,628,886    | " Refined.....lbs.                                | 7,213,050     | 292,715                |
| Furs and Nuts, all other.....                                   | ....          | 7,090,458    | Tobacco, Unmanufactured.....lbs.                  | 301,007,475   | 27,103,996             |
| Furs and Fur Skins.....                                         | ....          | 5,030,204    | Manufactures of.....                              | ....          | 5,668,853              |
| Glass and Glassware.....                                        | ....          | 1,960,106    | Vegetables.....                                   | ....          | 2,546,287              |
| Glucose or Grape Sugar.....                                     | ....          | 2,319,286    | Wood, and Manufactures of.....                    | ....          | 47,779,848             |
| Gunpowder and other Explosives.....                             | ....          | 2,062,381    | Wool, and Manufactures of.....                    | ....          | 1,525,826              |
| Hay.....                                                        | ....          | 2,580,822    | All other Articles.....                           | ....          | 55,247,142             |
| Hops.....lbs.                                                   | 10,715,151    | 1,630,657    | <b>Total Exports, Domestic Mds.....</b>           | ....          | <b>\$1,355,481,861</b> |
| India Rubber Manufactures.....                                  | ....          | 4,032,100    | <b>Exports, Foreign Merchandise.....</b>          | ....          | <b>26,237,540</b>      |
| Instruments for Scientific Purposes.....                        | ....          | 5,389,476    | Specie: Gold.....{ Domestic.....                  | ....          | \$46,761,433           |
| Iron and Steel, Manufactures of.....                            | ....          | 98,552,562   | " Foreign.....{ Foreign.....                      | ....          | 1,807,512              |
| Leather, and Manufactures of.....                               | ....          | 29,798,323   | " Silver.....{ Domestic.....                      | ....          | 45,971,249             |
| Malt Liquors.....                                               | ....          | 1,290,062    | " Foreign.....{ Foreign.....                      | ....          | 3,761,141              |
| Marble, Stone, and Manufactures of.....                         | ....          | 1,761,696    | <b>Total Exports, Domestic &amp; Foreign.....</b> | ....          | <b>\$1,440,030,741</b> |

### IMPORTS.

MERCHANDISE AND SPECIE IMPORTED INTO THE UNITED STATES DURING THE FISCAL YEAR  
ENDED JUNE 30, 1902.

| ARTICLES.                                        | Quantities.   | Values.      | ARTICLES.                             | Quantities. | Values.              |
|--------------------------------------------------|---------------|--------------|---------------------------------------|-------------|----------------------|
| <b>Merchandise.</b>                              |               |              | <b>Merchandise.</b>                   |             |                      |
| Sugar.....lbs.                                   | 3,031,915,875 | \$55,061,097 | Animals.....                          | ....        | \$4,694,531          |
| Hides and Skins, other than Fur.....lbs.         | 326,124,103   | 59,005,618   | Coal, Bituminous.....tons             | 1,941,422   | 5,310,456            |
| Chemicals, Drugs, Dyes, and Medicines            | ....          | 57,723,622   | Feathers, Flowers, etc.....           | ....        | 5,110,921            |
| Coffee.....lbs.                                  | 1,091,004,252 | 70,982,155   | Paper, and Manufactures of.....       | ....        | 4,223,122            |
| Silk, Unmanufactured.....                        | ....          | 46,636,351   | Spirits, Distilled.....               | ....        | 4,445,154            |
| Cotton, Manufactures of.....                     | ....          | 44,460,126   | Books, Maps, Engravings, etc.....     | ....        | 4,133,213            |
| Fibres, Vegetable, Manufactures of.....          | ....          | 39,036,364   | Spices.....                           | ....        | 3,685,245            |
| India Rubber and Gutta-Percha,<br>Crude.....lbs. | 67,790,069    | 25,652,977   | Paper Stock, Crude.....               | ....        | 2,770,255            |
| Silk, Manufactures of.....                       | ....          | 32,640,242   | Cement.....                           | 423,844,160 | 1,478,453            |
| Fibres, Vegetable, Unmanufactured.....           | ....          | 31,545,962   | Lead.....lbs.                         | 206,750,967 | 4,832,777            |
| Wood, and Manufactures of.....                   | ....          | 24,445,599   | Toys.....                             | ....        | 4,023,670            |
| Iron and Steel, and Manufactures of.....         | ....          | 27,180,247   | Vegetables.....                       | ....        | 7,039,825            |
| Wool, Unmanufactured.....lbs.                    | 166,576,966   | 17,711,788   | Hats, Bonnets, and Materials for..... | ....        | 3,050,473            |
| Fruits, Including Nuts.....                      | ....          | 21,480,525   | Hair, and Manufactures of.....        | ....        | 2,055,530            |
| Tin, in Bars, Blocks, or Pigs.....lbs.           | 79,352,356    | 19,851,850   | Art Works.....                        | ....        | 3,516,536            |
| Jewelry and Precious Stones.....                 | ....          | 26,990,570   | Rice.....lbs.                         | 157,658,894 | 2,926,921            |
| Wool, Manufactures of.....                       | ....          | 17,384,433   | Provisions (Meat and Dairy Products)  | ....        | 3,510,696            |
| Tobacco.....lbs.                                 | 29,428,837    | 15,211,671   | Brittles.....lbs.                     | 2,013,109   | 2,047,331            |
| Tobacco, Manufactures of.....                    | ....          | 2,494,822    | Cork Wood, and Manufactures of.....   | ....        | 2,464,934            |
| Leather, and Manufactures of.....                | ....          | 11,317,785   | Clocks and Watches, and Parts of..... | ....        | 2,450,242            |
| Copper, and Manufactures of (not ore)            | ....          | 10,968,948   | Malt Liquors.....galls.               | 3,751,511   | 1,880,248            |
| Furs, and Manufactures of.....                   | ....          | 15,623,601   | Fertilizers.....                      | ....        | 4,426,758            |
| Tea.....lbs.                                     | 75,579,125    | 9,390,128    | All other Articles.....               | ....        | 96,621,733           |
| Earthen, Stone, and China Ware.....              | ....          | 9,680,156    | <b>Total Merchandise.....</b>         | ....        | <b>\$903,320,948</b> |
| Cotton, Unmanufactured.....lbs.                  | 98,715,680    | 11,712,170   | Specie: Gold.....                     | ....        | \$52,021,254         |
| Wines.....                                       | ....          | 8,921,138    | " Silver.....                         | ....        | 28,332,254           |
| Oils.....                                        | ....          | 9,300,196    | <b>Total Imports.....</b>             | ....        | <b>\$983,674,456</b> |
| Cocoa, Crude, and Shells of.....lbs.             | 51,379,396    | 6,656,504    |                                       |             |                      |
| Glass and Glassware.....                         | ....          | 6,205,052    |                                       |             |                      |

FOREIGN TRADE OF THE UNITED STATES—Continued.

VALUE OF IMPORTS AND EXPORTS OF MERCHANDISE, 1876-1902.

| YEAR ENDING JUNE 30. | EXPORTS.      |              | Total Exports. | Imports.      | Total Exports and Imports. | Excess of Exports. | Excess of Imports. |
|----------------------|---------------|--------------|----------------|---------------|----------------------------|--------------------|--------------------|
|                      | Domestic.     | Foreign.     |                |               |                            |                    |                    |
| 1876                 | \$525,582,247 | \$14,802,424 | \$540,384,671  | \$460,741,190 | \$1,001,125,861            | \$79,643,481       | ....               |
| 1877                 | 589,670,224   | 12,804,996   | 602,475,220    | 451,323,126   | 1,053,798,346              | 151,152,094        | ....               |
| 1878                 | 680,709,268   | 14,556,498   | 694,865,766    | 437,051,632   | 1,131,917,398              | 257,814,234        | ....               |
| 1879                 | 696,340,790   | 12,098,651   | 710,439,441    | 445,777,775   | 1,156,217,216              | 264,661,666        | ....               |
| 1880                 | 828,946,353   | 11,692,305   | 855,658,658    | 667,954,746   | 1,503,693,404              | 167,683,912        | ....               |
| 1881                 | 883,925,947   | 18,451,399   | 902,377,346    | 642,664,628   | 1,545,041,974              | 259,712,718        | ....               |
| 1882                 | 793,239,732   | 17,302,525   | 810,542,257    | 724,689,874   | 1,475,181,931              | 25,902,083         | ....               |
| 1883                 | 804,225,632   | 19,615,770   | 823,841,402    | 732,180,914   | 1,547,020,316              | 100,658,488        | ....               |
| 1884                 | 724,083,932   | 15,548,757   | 740,531,609    | 667,697,892   | 1,408,231,302              | 72,815,916         | ....               |
| 1885                 | 726,083,946   | 15,506,809   | 742,189,755    | 577,697,329   | 1,319,717,084              | 164,662,426        | ....               |
| 1886                 | 665,964,529   | 13,560,301   | 679,524,830    | 635,436,136   | 1,314,960,966              | 44,088,694         | ....               |
| 1887                 | 703,022,923   | 13,160,288   | 716,183,211    | 692,319,768   | 1,408,502,979              | 23,863,443         | ....               |
| 1888                 | 683,862,104   | 12,092,403   | 695,954,507    | 723,957,114   | 1,419,911,621              | ....               | \$28,002,607       |
| 1889                 | 780,282,609   | 12,118,766   | 742,401,375    | 745,131,652   | 1,487,533,027              | ....               | 2,730,377          |
| 1890                 | 845,293,828   | 12,534,856   | 857,828,684    | 789,310,499   | 1,647,139,093              | 68,518,275         | ....               |
| 1891                 | 872,270,283   | 12,210,527   | 884,480,810    | 844,916,196   | 1,729,397,006              | 39,564,610         | ....               |
| 1892                 | 1,015,732,011 | 14,546,137   | 1,030,278,148  | 827,402,462   | 1,857,680,610              | 202,875,686        | ....               |
| 1893                 | 831,030,785   | 16,634,409   | 847,665,194    | 866,400,922   | 1,714,066,116              | ....               | 18,735,778         |
| 1894                 | 869,204,327   | 22,935,635   | 892,140,572    | 654,994,622   | 1,547,135,194              | 237,145,950        | ....               |
| 1895                 | 793,392,599   | 14,145,566   | 807,538,165    | 731,969,965   | 1,539,508,130              | 75,568,200         | ....               |
| 1896                 | 863,200,487   | 19,406,451   | 882,606,938    | 779,734,674   | 1,662,331,612              | 102,882,264        | ....               |
| 1897                 | 1,032,007,603 | 18,985,953   | 1,050,993,556  | 764,730,412   | 1,815,723,968              | 286,263,144        | ....               |
| 1898                 | 1,210,291,913 | 21,190,417   | 1,231,482,330  | 616,050,654   | 1,847,532,984              | 615,431,676        | ....               |
| 1899                 | 1,203,931,222 | 23,092,080   | 1,227,023,302  | 697,148,489   | 1,924,171,791              | 529,874,813        | ....               |
| 1900                 | 1,370,763,571 | 23,719,511   | 1,394,483,082  | 849,941,184   | 2,244,424,266              | 544,541,898        | ....               |
| 1901                 | 1,460,462,806 | 27,302,185   | 1,487,764,991  | 823,172,161   | 2,310,937,152              | 664,592,826        | ....               |
| 1902                 | 1,355,481,861 | 26,237,540   | 1,381,719,401  | 903,320,948   | 2,285,040,349              | 478,398,453        | ....               |

The imports and exports of specie are not included in the above table.

VALUE OF IMPORTS INTO AND EXPORTS FROM THE UNITED STATES OF MERCHANDISE, YEAR ENDED JUNE 30, 1902.

| COUNTRIES.                | EXPORTS.    |           | Imports.     | COUNTRIES.            | EXPORTS.        |              | Imports.     |
|---------------------------|-------------|-----------|--------------|-----------------------|-----------------|--------------|--------------|
|                           | Domestic.   | Foreign.  |              |                       | Domestic.       | Foreign.     |              |
| Austria-Hungary           | \$5,913,462 | \$253,665 | \$10,150,601 | Brazil                | \$10,310,647    | \$30,483     | \$9,178,037  |
| Azores & Madeira Islands  | 351,351     | ....      | 19,473       | Chile                 | 7,710,423       | 4,099        | 7,740,759    |
| Belgium                   | 45,772,273  | 499,483   | 16,522,206   | Colombia              | 2,923,511       | 49,819       | 3,271,894    |
| Denmark                   | 15,439,972  | 94,650    | 663,847      | Ecuador               | 1,457,653       | 4,452        | 1,646,564    |
| France                    | 69,244,213  | 2,268,771 | 82,880,036   | Falkland Islands      | 1,005           | ....         | 18,120       |
| Germany                   | 170,222,377 | 2,925,543 | 101,997,522  | Guianas:              | ....            | ....         | ....         |
| Gibraltar                 | 505,956     | ....      | 21,494       | British               | 1,920,753       | 33,641       | 3,416,816    |
| Greece                    | 305,861     | 89        | 1,562,142    | Dutch                 | 489,720         | 438          | 1,386,730    |
| Greenland, Iceland, etc.  | 458         | ....      | 61,116       | French                | 207,405         | 232          | 26,648       |
| Italy                     | 30,888,530  | 499,632   | 30,554,931   | Paraguay              | 16,784          | ....         | 1,959        |
| Malta, Gozo, etc.         | 321,157     | 94        | 17,656       | Peru                  | 2,555,730       | 3,265        | 2,239,411    |
| Netherlands               | 14,691,862  | 429,273   | 19,645,808   | Venezuela             | 1,542,125       | 44,334       | 2,520,579    |
| Portugal                  | 3,044,206   | 1,415     | 3,179,449    | Aden                  | 2,755,226       | 38,517       | 6,287,121    |
| Roumania                  | 128,879     | 289       | 289          | British India:        | 916,896         | ....         | 1,930,644    |
| Russia, Baltic, etc.      | 6,849,658   | 238,548   | 5,978,276    | British China         | 6,702           | ....         | 6,722        |
| Russia, Black Sea         | 2,209,803   | 4,250     | 1,320,127    | China                 | 24,531,118      | 191,785      | 21,055,830   |
| Serbia                    | ....        | ....      | 37,781       | East India:           | ....            | ....         | ....         |
| Spain                     | 15,502,410  | 9,577     | 8,270,546    | British               | 4,620,983       | 893          | 48,421,218   |
| Sweden and Norway         | 10,103,330  | 4,836     | 3,806,179    | Dutch                 | 2,074,791       | 1,500        | 14,749,241   |
| Switzerland               | 217,465     | 50        | 17,784,855   | French and Portuguese | 1,310           | ....         | 6,892        |
| Turkey in Europe          | 604,775     | ....      | 4,935,346    | Hong Kong             | 7,961,977       | 68,132       | 1,277,55     |
| U. S. Japan and Ireland   | 542,001,128 | 6,547,249 | 165,746,650  | Uruguay               | 2,129,726       | 346,137      | 37,552,778   |
| Bermuda                   | 1,475,403   | 15,465    | 487,931      | Korea                 | 35,515,633      | ....         | ....         |
| British Honduras          | 760,141     | 13,535    | 234,231      | Russian China         | 496,899         | 20,920       | ....         |
| British North America:    | ....        | ....      | ....         | Russia, Asiatic       | 1,029,327       | 893          | 34,183       |
| Nova Scotia, N. Brun-     | ....        | ....      | ....         | German China          | 9,067           | ....         | 1,117        |
| wick, etc.                | 5,649,619   | 856,583   | 7,518,324    | Turkey in Asia        | 169,452         | 325          | 3,960,394    |
| Quebec, Ontario, etc.     | 88,398,867  | 7,292,808 | 33,300,531   | All other Asia        | 103,588         | ....         | 665,887      |
| British Columbia          | 7,656,886   | 297,230   | 7,251,269    | British Australasia   | 28,278,015      | 87,184       | 5,286,509    |
| Newfoundland and Labrador | 2,058,649   | 6,633     | 711,419      | French Oceania        | 337,770         | 15,869       | 678,884      |
| Central American States:  | ....        | ....      | ....         | Hawaiian Islands      | ....            | ....         | ....         |
| Costa Rica                | 1,376,499   | 29,343    | 3,290,494    | German Oceania        | 45,011          | 292          | 11,552       |
| Guatemala                 | 1,606,328   | 14,611    | 2,993,336    | Guam                  | 18,491          | 255          | ....         |
| Honduras                  | 910,691     | 72,904    | 1,080,788    | All other Oceania:    | 13,453          | ....         | ....         |
| Nicaragua                 | 1,184,997   | 174,389   | 1,978,025    | British Oceania       | 191,968         | 1,233        | 1,476,716    |
| Salvador                  | 875,558     | 17,365    | 616,887      | Philippine Islands    | 5,251,267       | 6,603        | 6,612,700    |
| Mexico                    | 39,072,488  | 801,118   | 40,382,596   | British Africa        | 28,759,878      | 20,227       | 979,31       |
| Miquelon, Langley, etc.   | 159,576     | 9,443     | 58,548       | Canary Islands        | 317,889         | 22,912       | 32,038       |
| West Indies:              | ....        | ....      | ....         | French Africa         | 315,718         | 2,874        | 480,642      |
| British                   | 9,581,041   | 133,292   | 12,178,586   | Liberia               | 41,874          | 14           | 2,072        |
| Cuba                      | 25,012,109  | 1,611,291 | 34,694,684   | Madagascar            | 31,121          | ....         | 575          |
| Danish                    | 683,259     | 91,000    | 394,948      | Portuguese Africa     | 2,565,294       | ....         | 17,216       |
| Dutch                     | 625,235     | 5,147     | 207,411      | Spanish Africa        | ....            | ....         | 10,831       |
| French                    | 1,668,840   | 21,912    | 3,245        | Egypt                 | 1,266,434       | 3,015        | 11,388,301   |
| Haiti                     | 2,481,753   | 209,660   | 1,204,461    | Tripoli               | ....            | ....         | 209,494      |
| San Domingo               | 1,478,092   | 99,500    | 2,553,170    | All other Africa      | 121,425         | ....         | 347,285      |
| Argentine Republic        | 9,603,574   | 198,230   | 11,107,121   | Total                 | \$1,355,481,861 | \$26,237,540 | \$63,320,948 |
| Bolivia                   | 89,438      | 633       | 257          | ....                  | ....            | ....         | ....         |

FOREIGN TRADE OF THE UNITED STATES—Continued.

IMPORTS AND EXPORTS AT PRINCIPAL PORTS OF THE UNITED STATES.

| CUSTOMS DISTRICTS.     | YEAR ENDING JUNE 30. |              |               |              | CUSTOMS DISTRICTS.      | YEAR ENDING JUNE 30. |               |               |               |
|------------------------|----------------------|--------------|---------------|--------------|-------------------------|----------------------|---------------|---------------|---------------|
|                        | Imports.             |              | Exports.      |              |                         | Imports.             |               | Exports.      |               |
|                        | 1901.                | 1902.        | 1901.         | 1902.        |                         | 1901.                | 1902.         | 1901.         | 1902.         |
| Baltimore....          | \$18,599,473         | \$22,825,281 | \$106,239,081 | \$80,532,512 | New York....            | \$527,259,946        | \$559,936,879 | \$599,592,978 | \$490,361,395 |
| Boston and Charlestown | 61,452,370           | 71,991,436   | 143,709,932   | 102,404,304  | Norfolk and Portsmouth. | 593,930              | 390,345       | 10,308,459    | 7,088,335     |
| Brunswick....          | 28,135               | 33,097       | 7,953,837     | 7,338,808    | Pensacola....           | 238,334              | 406,052       | 13,455,761    | 14,466,938    |
| Charleston....         | 1,477,719            | 1,590,078    | 1,084,215     | 5,857,364    | Philadelph'a.           | 48,043,443           | 47,750,349    | 79,351,025    | 80,383,403    |
| Detroit.....           | 2,867,645            | 3,469,077    | 17,669,535    | 18,053,055   | PortPd, Me.             | 633,114              | 1,184,899     | 12,416,793    | 13,435,018    |
| Galveston....          | 953,801              | 969,246      | 101,857,300   | 96,722,066   | Puget S'und.            | 6,721,060            | 11,970,799    | 20,678,829    | 33,788,821    |
| M. bile.....           | 3,008,449            | 3,714,371    | 11,837,105    | 12,503,556   | San Fran....            | 35,161,753           | 35,102,981    | 34,596,792    | 38,183,736    |
| New Orleans.           | 20,462,307           | 23,763,480   | 152,776,599   | 134,456,863  | Savannah..              | 645,667              | 571,682       | 46,738,967    | 41,525,428    |
| N'wprt News            | 4,090,451            | 4,311,348    | 32,567,912    | 33,504,830   | Wilm'n, NC.             | 180,912              | 258,868       | 19,013,659    | 11,102,171    |

EXPORTS OF THE UNITED STATES BY GREAT CLASSES.

| FISCAL YEAR ENDING JUNE 30. | AGRICULTURE. |               | MINING.    |           | MANUFACTURES. |              | TOTAL EXPORTS OF DOMESTIC MERCHANDISE. |
|-----------------------------|--------------|---------------|------------|-----------|---------------|--------------|----------------------------------------|
|                             | Values.      | Per Cent.     | Values.    | Per Cent. | Values.       | Per Cent.    |                                        |
|                             | 1880.....    | \$256,560,972 | 81.13      | \$999,465 | .31           | \$40,345,899 |                                        |
| 1870.....                   | 351,183,853  | 73.35         | 5,026,111  | 1.10      | 68,279,764    | 16.00        | 455,208,341                            |
| 1885.....                   | 546,746,703  | 78.19         | 6,405,813  | .92       | 117,015,729   | 16.72        | 699,538,242                            |
| 1890.....                   | 685,961,091  | 83.25         | 5,868,232  | .71       | 102,856,015   | 12.48        | 823,946,353                            |
| 1884.....                   | 536,315,318  | 73.98         | 15,022,255 | 2.07      | 138,732,887   | 18.81        | 726,964,523                            |
| 1885.....                   | 530,172,966  | 72.96         | 15,797,885 | 2.18      | 147,187,527   | 20.25        | 726,882,946                            |
| 1886.....                   | 484,954,595  | 72.82         | 13,654,286 | 2.05      | 136,541,978   | 20.50        | 666,964,529                            |
| 1887.....                   | 523,073,798  | 74.41         | 11,758,662 | 1.67      | 136,735,105   | 19.45        | 705,022,932                            |
| 1888.....                   | 500,840,086  | 73.23         | 17,993,895 | 2.63      | 130,300,087   | 19.05        | 683,862,104                            |
| 1889.....                   | 532,141,490  | 72.87         | 19,947,518 | 2.73      | 138,675,507   | 18.99        | 790,282,609                            |
| 1890.....                   | 620,890,908  | 74.51         | 22,297,755 | 2.64      | 151,109,376   | 17.87        | 845,293,928                            |
| 1891.....                   | 642,751,314  | 73.69         | 22,054,970 | 2.53      | 168,927,315   | 19.37        | 872,270,283                            |
| 1892.....                   | 798,328,232  | 74.60         | 20,692,885 | 2.04      | 159,519,637   | 15.70        | 1,018,532,011                          |
| 1893.....                   | 615,382,986  | 78.50         | 20,020,026 | 2.41      | 158,023,118   | 19.02        | 831,030,755                            |
| 1894.....                   | 628,363,038  | 72.28         | 20,449,598 | 2.33      | 183,728,804   | 21.14        | 869,204,937                            |
| 1895.....                   | 553,210,026  | 69.73         | 18,509,814 | 2.35      | 183,595,743   | 23.14        | 793,392,599                            |
| 1896.....                   | 569,879,297  | 66.02         | 20,015,554 | 2.22      | 228,571,178   | 26.48        | 863,200,487                            |
| 1897.....                   | 683,471,139  | 66.23         | 20,804,573 | 2.01      | 277,285,391   | 26.87        | 1,032,007,603                          |
| 1898.....                   | 851,683,570  | 70.54         | 19,410,707 | 1.60      | 290,697,354   | 24.02        | 1,210,291,913                          |
| 1899.....                   | 784,776,142  | 65.19         | 28,156,174 | 2.34      | 339,592,146   | 28.21        | 1,203,931,222                          |
| 1900.....                   | 835,855,123  | 60.88         | 37,843,742 | 2.76      | 433,851,756   | 31.65        | 1,307,763,571                          |
| 1901.....                   | 943,811,020  | 64.62         | 37,985,323 | 3.60      | 412,155,666   | 28.22        | 1,460,462,806                          |
| 1902.....                   | 851,460,312  | 62.81         | 39,075,969 | 2.88      | 403,990,763   | 29.80        | 1,255,481,861                          |

COMMERCE WITH CUBA, PORTO RICO, HAWAII, AND THE PHILIPPINES.

| FISCAL YEAR ENDING JUNE 30. | EXPORTS FROM THE UNITED STATES TO— |             |             |             | IMPORTS INTO THE UNITED STATES FROM— |             |             |              |
|-----------------------------|------------------------------------|-------------|-------------|-------------|--------------------------------------|-------------|-------------|--------------|
|                             | Cuba.                              | Porto Rico. | Hawaii.     | Ph Hplines. | Cuba.                                | Porto Rico. | Hawaii.     | Philippines. |
| 1886.....                   | \$10,409,170                       | \$1,710,569 | \$3,192,698 | \$132,993   | \$51,110,780                         | \$4,594,544 | \$9,805,707 | \$9,556,912  |
| 1887.....                   | 10,546,411                         | 1,738,492   | 3,622,029   | 147,582     | 49,515,434                           | 4,661,690   | 9,922,075   | 8,614,830    |
| 1888.....                   | 10,053,550                         | 1,969,618   | 2,085,203   | 165,903     | 49,310,087                           | 4,412,483   | 11,060,379  | 10,268,278   |
| 1889.....                   | 11,691,311                         | 2,224,941   | 3,375,511   | 170,647     | 52,130,623                           | 3,707,373   | 12,847,740  | 10,589,172   |
| 1890.....                   | 13,084,115                         | 2,297,538   | 4,711,417   | 192,276     | 53,801,591                           | 4,053,636   | 12,312,908  | 11,892,626   |
| 1891.....                   | 12,224,838                         | 2,155,234   | 5,107,212   | 174,572     | 61,714,395                           | 3,184,110   | 13,895,597  | 5,187,290    |
| 1892.....                   | 17,953,570                         | 2,856,003   | 3,781,288   | 60,914      | 77,919,671                           | 3,248,007   | 8,075,882   | 6,308,535    |
| 1893.....                   | 24,157,698                         | 2,510,607   | 2,827,663   | 154,378     | 78,708,506                           | 4,008,623   | 9,146,767   | 9,146,857    |
| 1894.....                   | 20,125,321                         | 2,720,508   | 3,306,187   | 145,466     | 75,678,251                           | 3,135,631   | 10,065,317  | 7,006,342    |
| 1895.....                   | 12,807,661                         | 1,833,544   | 3,723,057   | 119,255     | 52,871,259                           | 1,515,512   | 7,888,961   | 4,731,366    |
| 1896.....                   | 7,530,890                          | 2,102,094   | 3,985,707   | 162,466     | 40,017,730                           | 2,296,633   | 11,757,704  | 4,982,857    |
| 1897.....                   | 8,259,776                          | 1,883,888   | 4,690,075   | 94,587      | 18,406,815                           | 2,811,024   | 12,687,799  | 4,382,740    |
| 1898.....                   | 9,561,656                          | 1,808,646   | 5,907,155   | 127,804     | 15,232,477                           | 2,414,356   | 17,187,380  | 3,830,315    |
| 1899.....                   | 18,819,377                         | 2,688,848   | 9,305,470   | 684,193     | 25,408,928                           | 3,179,827   | 17,831,463  | 4,409,774    |
| 1900.....                   | 26,513,400                         | 4,640,449   | 13,508,148  | 2,640,449   | 31,371,704                           | 3,078,648   | 20,707,903  | 5,871,208    |
| 1901.....                   | 24,100,453                         | 6,861,917   | 22,000,000  | 4,027,064   | 43,423,088                           | 3,833,892   | 27,903,058  | 4,420,912    |
| 1902.....                   | 25,100,453                         | 10,719,444  | 19,000,000  | 5,251,567   | 34,694,684                           | 8,297,422   | 24,700,429  | 6,612,700    |

GROWTH OF UNITED STATES EXPORTS.

| FISCAL YEAR ENDING JUNE 30. | Europe.       | North America. | South America. | As'a and Oceanica. | Africa and Other Countries. | Total.        |
|-----------------------------|---------------|----------------|----------------|--------------------|-----------------------------|---------------|
| 1897.....                   | \$661,976,710 | \$119,788,859  |                | \$29,639,077       | \$7,491,871                 | \$819,687,517 |
| 1894.....                   | 700,870,822   | 119,693,212    |                | 33,212,310         | 32,766,943                  | 892,140,572   |
| 1895.....                   | 627,927,692   | 108,575,594    |                | 33,825,935         | 7,074,656                   | 807,538,165   |
| 1896.....                   | 673,043,753   | 127,067,496    |                | 36,297,671         | 13,870,760                  | 850,606,928   |
| 1897.....                   | 813,285,644   | 124,958,641    |                | 33,768,646         | 16,953,127                  | 1,050,985,556 |
| 1898.....                   | 973,506,245   | 139,627,841    |                | 33,821,701         | 17,745,730                  | 1,231,482,330 |
| 1899.....                   | 936,602,093   | 157,911,707    |                | 35,659,902         | 18,594,424                  | 1,292,023,320 |
| 1900.....                   | 1,040,167,763 | 187,594,625    |                | 38,945,703         | 108,15,82                   | 1,468,488,062 |
| 1901.....                   | 1,126,304,805 | 196,534,460    |                | 44,300,195         | 84,78,113                   | 1,487,764,991 |
| 1902.....                   | 1,008,108,221 | 203,853,804    |                | 38,074,292         | 98,216,059                  | 1,381,719,401 |

### Imports and Exports of Foreign Countries in 1901.

(Compiled from the report of the Bureau of Statistics, Treasury Department.)

| COUNTRIES.                 |  | Imports.      | Exports.      | COUNTRIES.        |  | Imports.      | Exports.      |
|----------------------------|--|---------------|---------------|-------------------|--|---------------|---------------|
| Argentina                  |  | \$109,971,158 | \$161,846,038 | India, British \$ |  | \$264,317,582 | \$392,024,768 |
| Australia, Commonwealth of |  | 201,125,082   | 223,477,442   | Italy             |  | 331,497,902   | 265,283,306   |
| Austria-Hungary            |  | 335,496,263   | 293,747,891   | Japan             |  | 127,396,689   | 124,208,923   |
| Belgium                    |  | 428,661,394   | 352,848,734   | Mexico †          |  | 64,036,608    | 77,682,658    |
| Bulgaria                   |  | 13,518,506    | 15,974,563    | Netherlands       |  | 784,014,356   | 680,008,168   |
| Canada †                   |  | 181,237,968   | 177,443,439   | Norway †          |  | 83,255,031    | 43,615,687    |
| Cape of Good Hope          |  | 96,990,522    | 49,507,688    | Portugal          |  | 62,497,000    | 30,546,000    |
| Chile †                    |  | 46,916,422    | 61,201,242    | Russia †          |  | 322,583,062   | 368,956,242   |
| China                      |  | 203,420,565   | 124,528,060   | Spain             |  | 161,886,406   | 129,398,465   |
| Denmark †                  |  | 111,542,000   | 75,549,000    | Sweden †          |  | 143,362,580   | 104,877,512   |
| Egypt                      |  | 75,355,729    | 77,753,825    | Switzerland       |  | 202,650,687   | 161,457,453   |
| France                     |  | 909,908,000   | 804,069,800   | United Kingdom †  |  | 2,540,265,299 | 1,362,728,893 |
| Germany                    |  | 1,290,254,000 | 1,054,685,000 | Uruguay           |  | 24,497,458    | 28,673,984    |
| Greece                     |  | 26,781,703    | 18,099,724    |                   |  |               |               |

The returns are for the year ending December 31 unless otherwise stated. Imports for consumption and exports of domestic merchandise unless otherwise stated. \* Exclusive of intercolonial trade, but inclusive of specie. † Year 1901, ending June 30. ‡ Year 1900, ending December 31. § Year 1902, ending March 31. ¶ Including bullion and specie. †† General imports.

### Indebtedness and Finances of Nations.

(Compiled from the Summary prepared by the Bureau of Statistics, Treasury Department.)

| COUNTRIES.         | Year.  | NATIONAL DEBTS. |                    |             | Revenue.        | Expenditure.    | COMMERCE WITH THE UNITED STATES. |                                  |
|--------------------|--------|-----------------|--------------------|-------------|-----------------|-----------------|----------------------------------|----------------------------------|
|                    |        | Total.          | Interest Per Cent. | Per Capita. |                 |                 | Exports from United States to—   | Imports into United States from— |
| Argentina          | 1901   | \$509,604,444   | 4 1/2              | \$128.85    | \$63,339,188    | \$63,283,632    | \$11,117,521                     | \$9,456,634                      |
| Australasia        | 1900   | 1,183,055,000   | 3 - 5              | 263.90      | 167,335,000     | 161,738,000     | 28,168,722                       | 5,262,962                        |
| Austria-Hungary    | 1901   | 1,164,791,000   | 3 - 4              | 25.80       | 73,659,000      | *73,659,000     | 6,843,980                        | 10,042,401                       |
| Austria            | 1900   | 642,194,000     | 3 - 5              | 24.89       | 215,237,000     | 215,208,000     | (**)                             | (**)                             |
| Hungary            | 1900   | 904,841,000     | 3 - 4              | 47.75       | 208,001,000     | 208,509,000     | (**)                             | (**)                             |
| Belgium            | 1901   | 504,459,540     | 2 1/2              | 75.63       | 85,944,672      | 83,883,860      | 51,444,315                       | 14,919,071                       |
| Bolivia            | 1900   | 2,338,258       | 4 - 5              | 1.16        | 3,431,000       | 3,712,000       | 120,033                          | 22                               |
| Brazil             | 1900   | 450,985,000     | 4 - 5              | 33.56       | 90,152,000      | 70,000,000      | 11,516,681                       | 64,911,507                       |
| British Colonies*  | 1900   | 265,541,000     | 3 - 6              | 26.43       | 79,956,595      | 81,071,000      | 44,871,723                       | 24,161,522                       |
| Canada             | 1900-1 | 265,494,000     | 2 1/2              | 50.5*       | 151,030,000     | 142,975,000     | 105,789,214                      | 47,482,163                       |
| Chile              | 1900   | 113,240,000     | 4 1/2              | 36.41       | 43,206,000      | 38,052,000      | 4,896,525                        | 7,404,061                        |
| China              | 1901   | 26,712,350      | 4 1/2              | 72          | 723,500,000     | 73,500,000      | 18,175,400                       | 18,128,836                       |
| Colombia           | 1898   | 15,809,000      | 3 - 5              | 3.95        | 7,031,000       | 8,697,000       | 2,923,404                        | 4,810,465                        |
| Costa Rica         | 1900   | 13,124,000      | 3 - 5              | 43.75       | 3,513,000       | 3,180,000       | 1,688,870                        | 2,959,439                        |
| Cuba               | 1901   |                 |                    |             |                 |                 | 27,007,094                       | 46,663,611                       |
| Denmark            | 1900   | 55,795,724      | 3                  | 94.15       | 19,247,008      | 20,619,361      | 15,489,371                       | 796,736                          |
| Ecuador            | 1900   | 7,832,428       | 3 1/2              | 6.21        | 3,564,000       | 3,620,000       | 1,580,055                        | 1,577,366                        |
| Egypt              | 1901   | 500,407,729     | 3 - 4 1/2          | 53.61       | 56,324,345      | 54,437,259      | 1,320,969                        | 8,866,378                        |
| France             | 1901   | 5,800,691,814   | 3 - 3 1/2          | 150.61      | 691,349,500     | 691,911,192     | 78,406,972                       | 81,314,619                       |
| German Empire      | 1901   | 557,626,822     | 3 - 3 1/2          | 9.96        | 471,002,000     | 483,804,000     | 184,678,723                      | 99,969,851                       |
| German States      | 1900   | 2,015,985,000   |                    |             |                 |                 |                                  |                                  |
| Greece             | 1901   | 168,548,444     | 4 - 5              | 69.25       | 13,650,533      | 13,656,200      | 286,236                          | 1,447,303                        |
| Guatemala          | 1900   | 20,826,507      | 4 - 5              | 13.23       | 2,687,000       | 2,643,000       | 1,128,418                        | 2,190,145                        |
| Honduras           | 1900   | 89,376,920      | 4 - 5              | 219.60      | 1,114,429       | 1,119,295       | 1,181,453                        | 988,606                          |
| India (British)    | 1900-2 | 1,031,503,705   | 2 1/2 - 4 1/2      | 4.67        | 39,955,934      | 316,103,507     | 5,646,869                        | 47,171,538                       |
| India (Dutch)      | 1899   |                 |                    |             |                 |                 | 118,102                          |                                  |
| Italy              | 1901   | 2,583,983,780   | 3 1/2              | 81.11       | 317,349,332     | 313,276,071     | 34,046,201                       | 27,631,248                       |
| Japan              | 1901   | 206,789,991     | 4 - 5              | 4.73        | 21,433,725      | 19,934,993      | 21,162,477                       | 26,584,692                       |
| Mexico             | 1900-1 | 168,771,428     | 3 - 5              | 13.36       | 29,267,131      | 26,035,775      | 36,475,350                       | 29,851,635                       |
| Netherlands        | 1900   | 466,419,294     | 2 1/2              | 90.74       | 58,328,000      | 60,922,000      | 83,721,501                       | 17,273,111                       |
| New Zealand        | 1900   |                 |                    |             |                 |                 | (†)                              | (†)                              |
| Nicaragua          | 1900-1 | 4,901,819       | 4 - 6              | 9.80        | 81,459,650      | 82,433,000      | 1,482,194                        | 2,035,636                        |
| Norway             | 1900   | 53,911,432      | 2 - 3 1/2          | 95.08       | 21,457,490      | 20,912,308      | (††)                             | (††)                             |
| Paraguay           | 1900   | 19,972,000      | 3 - 4              | 30.45       | 844,000         | 892,000         | 8,487                            | 1,740                            |
| Peru               | 1900   | 20,321,784      | 4 - 6              | 4.41        | 5,914,000       | 6,072,000       | 2,311,886                        | 2,910,631                        |
| Philippine Islands | 1900-1 |                 |                    |             |                 |                 | 4,027,064                        | 4,400,912                        |
| Portugal           | 1901   | 670,221,274     | 3 - 4 1/2          | 143.82      | 56,363,000      | 59,227,000      | 4,544,068                        | 3,641,452                        |
| Roumania           | 1900   | 280,136,991     | 4 - 5              | 47.37       | 28,001,000      | 29,249,000      | 31,037                           | 101,042                          |
| Russia             | 1901   | 3,167,320,000   | 3 - 5              | 24.56       | 891,772,000     | 921,068,000     | 6,504,857                        | 7,386,120                        |
| Servia             | 1900   | 81,972,118      | 4 - 5              | 33.38       | 15,144,548      | 14,842,825      | 369                              | 3,156                            |
| Spain              | 1901   | 1,727,994,620   | 4 - 5              | 95.53       | 170,998,000     | 174,752,000     | 16,785,711                       | 7,040,758                        |
| Sweden             | 1900   | 85,154,876      | 3 - 3 1/2          | 16.71       | 39,749,000      | 39,043,000      | 11,520,874                       | 4,398,984                        |
| Switzerland        | 1901   | 15,919,219      | 3 1/2              | 5.10        | 19,393,000      | 18,924,000      | 222,358                          | 16,038,378                       |
| Turkey             | 1898   | 726,311,195     | 3 - 5              | 99.25       | 81,893,462      | 81,533,341      | 183,669                          | 2,437,263                        |
| United Kingdom     | 1901   | 3,060,926,304   | 2 1/2 - 3 1/2      | 74.83       | 683,201,360     | 650,258,113     | 598,766,799                      | 155,291,927                      |
| United States †    | 1901-2 | 909,457,241     | 2 - 4              | 12.25       | 684,082,843     | 595,795,609     |                                  |                                  |
| Uruguay            | 1901   | 124,374,189     | 3 1/2              | 148.06      | 16,608,000      | 16,608,000      | 1,480,800                        | 1,974,717                        |
| Venezuela          | 1898   | 37,725,814      | 4 - 5              | 14.51       | 6,452,000       | 8,790,000       | 2,736,726                        | 6,909,919                        |
| Total              |        |                 |                    | \$24.00     | \$5,902,879,975 | \$5,881,372,515 | \$1,431,789,014                  | \$852,624,280                    |

\*Except Australasia, Canada, and British India. †Preliminary figures for June 30, 1902; subject to revision. ††From and on account of consolidated fund. ‡Estimated. ¶Postal revenue and expenditure estimated for the fourth quarter. \*\*Included with Austria-Hungary. †††Included with Commonwealth of Australia. ††††Included with Sweden.

## Public Debt of the United States.

OFFICIAL STATEMENT OF NOVEMBER 1, 1902.

### INTEREST-BEARING DEBT.

|                                        |                  |
|----------------------------------------|------------------|
| Consols of 1930, 2 per cent.....       | \$445,940,750.00 |
| Loan of 1908-1918, 3 per cent.....     | 97,515,660.00    |
| Funded loan of 1907, 4 per cent.....   | 233,178,450.00   |
| Refunding certificates, 4 per cent.... | 31,370.00        |
| Loan of 1925, 4 per cent.....          | 119,318,950.00   |
| Loan of 1904, 5 per cent.....          | 19,355,050.00    |

Aggregate of interest-bearing debt.. \$915,370,230.00

### DEBT ON WHICH INTEREST HAS CEASED SINCE MATURITY.

Aggregate debt on which interest has ceased since maturity..... \$1,256,820 26

### DEBT BEARING NO INTEREST.

|                          |                  |
|--------------------------|------------------|
| United States notes..... | \$346,681,016 00 |
| Old demand notes.....    | 53,847.50        |
| National bank notes:     |                  |
| Redemption account.....  | 44,695,092.50    |
| Fractional currency..... | 6,872,593 63     |

Aggregate of debt bearing no interest. \$398,302,549 63

### CERTIFICATES AND NOTES ISSUED ON DEPOSITS OF COIN AND LEGAL-TENDER NOTES AND PURCHASES OF SILVER BULLION.

|                             |                  |
|-----------------------------|------------------|
| Gold certificates.....      | \$367,078,569.00 |
| Silver certificates.....    | 467,442,000.00   |
| Treasury notes of 1890..... | 25,796,000.00    |

Aggregate of certificates and Treasury notes, offset by cash in the Treasury \$860,316,569.00

### CLASSIFICATION OF DEBT NOVEMBER 1, 1902.

|                                                       |                  |
|-------------------------------------------------------|------------------|
| Interest-bearing debt.....                            | \$915,370,230.00 |
| Debt on which interest has ceased since maturity..... | 1,256,820 26     |
| Debt bearing no interest.....                         | 398,302,549.63   |

|                                                                                        |                    |
|----------------------------------------------------------------------------------------|--------------------|
| Aggregate of interest and non-interest bearing debt.....                               | \$1,314,929,599 89 |
| Certificates and Treasury notes offset by an equal amount of cash in the Treasury..... | 860,316,569 00     |

Aggregate of debt, including certificates and Treasury notes.....\$2,175,246,168.89

### CASH IN THE TREASURY.

|                             |                  |
|-----------------------------|------------------|
| Gold certificates.....      | \$367,078,569.00 |
| Silver certificates.....    | 467,442,000.00   |
| Treasury notes of 1890..... | 25,796,000.00    |
|                             | \$860,316,569.00 |

|                                     |                 |
|-------------------------------------|-----------------|
| National bank 5 per cent fund.....  | \$14,664,321.09 |
| Outstanding checks and drafts.....  | 9,037,091.49    |
| Disbursing officers' balances.....  | 56,203,466.94   |
| Post-Office Department account..... | 3,821,445.66    |
| Miscellaneous items.....            | 2,240,970.82    |
|                                     | 85,957,306.00   |

Reserve fund.....\$150,000,000.00

|                             |                |
|-----------------------------|----------------|
| Available cash balance..... | 206,421,878.30 |
|                             | 356,421,878 30 |

Aggregate.....\$1,302,695,753.30

Cash balance in the Treasury November 1, 1902, exclusive of reserve and trust funds.....\$206,421,878.30

## Principal of the Public Debt.

*Statement of outstanding Principal of the Public Debt of the United States on January 1 of each Year from 1791 to 1842, inclusive; on July 1 of each Year from 1843 to 1886, inclusive; on December 1 of each Year from 1887 to 1892, inclusive, and on November 1, from 1893 to 1902, inclusive.*

|                  |                 |                 |                  |                  |                    |
|------------------|-----------------|-----------------|------------------|------------------|--------------------|
| 1791 Jan. 1..... | \$75,463,476.52 | 1829 Jan. 1.... | \$58,421,413.67  | 1866 July 1..... | \$2,773,236,173.69 |
| 1792 ".....      | 77,217,924.66   | 1830 ".....     | 48,565,406.50    | 1867 ".....      | 2,678,126,103.87   |
| 1793 ".....      | 80,352,634.04   | 1831 ".....     | 39,123,191.68    | 1868 ".....      | 2,611,687,851.19   |
| 1794 ".....      | 78,427,404.77   | 1832 ".....     | 24,322,235.18    | 1869 ".....      | 2,588,452,213.94   |
| 1795 ".....      | 80,747,587.39   | 1833 ".....     | 7,001,698.83     | 1870 ".....      | 2,480,672,427.81   |
| 1796 ".....      | 83,762,172.07   | 1834 ".....     | 4,760,082.08     | 1871 ".....      | 2,353,211,332.32   |
| 1797 ".....      | 82,064,479.33   | 1835 ".....     | 37,513.05        | 1872 ".....      | 2,253,251,328.78   |
| 1798 ".....      | 79,228,529.12   | 1836 ".....     | 336,957.83       | 1873 ".....      | 2,234,482,993.20   |
| 1799 ".....      | 78,408,669.77   | 1837 ".....     | 3,308,124.07     | 1874 ".....      | 2,251,690,468.43   |
| 1800 ".....      | 82,976,294.35   | 1838 ".....     | 10,434,221.14    | 1875 ".....      | 2,232,284,531.95   |
| 1801 ".....      | 83,038,050.80   | 1839 ".....     | 3,573,343.82     | 1876 ".....      | 2,180,305,067.15   |
| 1802 ".....      | 86,712,632.25   | 1840 ".....     | 5,250,875.54     | 1877 ".....      | 2,205,301,392.10   |
| 1803 ".....      | 77,054,686.30   | 1841 ".....     | 13,594,480.73    | 1878 ".....      | 2,256,205,892.53   |
| 1804 ".....      | 86,427,120.88   | 1842 ".....     | 26,601,226.28    | 1879 ".....      | 2,340,567,232.04   |
| 1805 ".....      | 82,312,150.50   | 1843 July 1.... | 32,742,922.00    | 1880 ".....      | 2,128,791,054.63   |
| 1806 ".....      | 75,723,270.66   | 1844 ".....     | 23,461,652.50    | 1881 ".....      | 2,077,389,253.58   |
| 1807 ".....      | 69,218,398.64   | 1845 ".....     | 15,925,303.01    | 1882 ".....      | 1,926,688,678.03   |
| 1808 ".....      | 65,196,317.97   | 1846 ".....     | 15,550,202.97    | 1883 ".....      | 1,892,547,412.07   |
| 1809 ".....      | 57,023,192.09   | 1847 ".....     | 38,826,534.77    | 1884 ".....      | 1,838,904,607.57   |
| 1810 ".....      | 53,173,217.52   | 1848 ".....     | 47,044,862.23    | 1885 ".....      | 1,872,340,557.14   |
| 1811 ".....      | 48,005,587.76   | 1849 ".....     | 63,061,858.69    | 1886 ".....      | 1,783,438,697.78   |
| 1812 ".....      | 45,209,737.90   | 1850 ".....     | 63,452,773.55    | 1887 Dec. 1..... | 1,664,461,536.38   |
| 1813 ".....      | 55,962,827.57   | 1851 ".....     | 68,304,796.02    | 1888 ".....      | 1,680,917,706.23   |
| 1814 ".....      | 81,487,846.24   | 1852 ".....     | 66,199,341.71    | 1889 ".....      | 1,617,372,419.53   |
| 1815 ".....      | 99,833,660.15   | 1853 ".....     | 59,803,117.70    | 1890 ".....      | 1,549,206,126.48   |
| 1816 ".....      | 127,334,933.74  | 1854 ".....     | 42,242,222.42    | 1891 ".....      | 1,546,961,695.61   |
| 1817 ".....      | 123,491,965.16  | 1855 ".....     | 35,586,858.56    | 1892 ".....      | 1,563,612,455.63   |
| 1818 ".....      | 103,466,633.83  | 1856 ".....     | 31,972,637.90    | 1893 Nov. 1....  | 1,549,556,353.63   |
| 1819 ".....      | 95,529,648.28   | 1857 ".....     | 28,699,831.85    | 1894 ".....      | 1,626,154,037.68   |
| 1820 ".....      | 91,015,566.15   | 1858 ".....     | 44,911,881.03    | 1895 ".....      | 1,717,481,779.90   |
| 1821 ".....      | 89,987,427.66   | 1859 ".....     | 58,496,837.88    | 1896 ".....      | 1,785,412,640.00   |
| 1822 ".....      | 93,546,676.98   | 1860 ".....     | 64,842,287.88    | 1897 ".....      | 1,808,777,643.40   |
| 1823 ".....      | 90,875,877.28   | 1861 ".....     | 90,580,873.72    | 1898 ".....      | 1,964,837,130.90   |
| 1824 ".....      | 90,269,777.77   | 1862 ".....     | 524,176,412.13   | 1899 ".....      | 2,092,686,024.42   |
| 1825 ".....      | 83,788,432.71   | 1863 ".....     | 1,119,772,138.63 | 1900 ".....      | 2,132,373,031.17   |
| 1826 ".....      | 81,054,059.99   | 1864 ".....     | 1,815,784,370.57 | 1901 ".....      | 2,151,585,743.89   |
| 1827 ".....      | 73,987,357.20   | 1865 ".....     | 2,680,647,869.74 | 1902 ".....      | 2,175,246,168.89   |
| 1828 ".....      | 67,475,043.87   |                 |                  |                  |                    |

**Bonded Debts and Assessed Valuation of States.**

| STATES AND TERRITORIES. | Real Valuation. | Personal Valuation. | Total Valuation Assessed. | Bonded Debt. | Tax Rate (Per \$1,000) |        |
|-------------------------|-----------------|---------------------|---------------------------|--------------|------------------------|--------|
|                         |                 |                     |                           |              | 1895.                  | 1902.  |
| Alabama.....            | .....           | .....               | \$284,622,537             | \$9,357,600  | .....                  | .....  |
| Arizona.....            | .....           | .....               | 68,000,000                | 2,787,347    | .....                  | .....  |
| Arkansas.....           | \$127,062,903   | \$62,936,142        | 189,999,045               | 1,271,000    | \$5.00                 | \$5.75 |
| California.....         | 942,353,309     | 238,227,393         | 1,228,292,457             | 2,281,500    | 4.93                   | 4.98   |
| Colorado.....           | .....           | .....               | 465,000,000               | 2,300,900    | 4.00                   | 4.50   |
| Connecticut.....        | .....           | .....               | 694,200,162               | 1,720,827    | .....                  | .....  |
| Delaware.....           | .....           | .....               | 76,000,000                | 769,750      | .....                  | .....  |
| Dist. of Columbia*..... | 182,525,608     | 15,962,805          | 198,488,413               | 14,284,650   | 15.00                  | 15.00  |
| Florida.....            | 79,688,902      | 16,998,052          | 96,686,954                | 1,032,500    | 3.25                   | 5.00   |
| Georgia.....            | 243,468,385     | 161,323,752         | \$456,347,034             | 7,631,500    | 4.61                   | 5.44   |
| Idaho.....              | .....           | .....               | 51,440,758                | 546,500      | 8.75                   | 4.75   |
| Illinois.....           | .....           | .....               | 999,231,829               | 18,500       | .....                  | .....  |
| Indiana.....            | .....           | .....               | 1,360,445,139             | 3,887,615    | 1.00                   | .90    |
| Iowa.....               | 405,541,075     | 152,921,513         | 558,462,588               | 10,937       | .....                  | 2.90   |
| Kansas.....             | .....           | .....               | 363,156,045               | 582,000      | 3.80                   | 5.60   |
| Kentucky.....           | 499,400,657     | 177,655,718         | 667,056,375               | 1,171,394    | .....                  | 5.00   |
| Louisiana.....          | .....           | .....               | 301,215,222               | 10,877,800   | .....                  | .....  |
| Maine.....              | 268,434,909     | 68,264,740          | 336,600,649               | 2,453,000    | 2.50                   | 2.90   |
| Maryland.....           | .....           | .....               | 643,812,408               | 2,662,344    | 1.78                   | 1.70   |
| Massachusetts.....      | 2,370,550,196   | 1,611,236,303       | 3,981,876,499             | 13,074,173   | .....                  | .....  |
| Michigan.....           | 1,046,453,013   | 310,997,015         | 1,317,450,028             | 116,800      | 2.73                   | 1.20   |
| Minnesota.....          | .....           | .....               | 585,083,328               | 2,009,000    | .....                  | .....  |
| Mississippi.....        | 131,315,281     | 63,236,476          | 222,847,525               | 2,887,026    | 5.00                   | 6.00   |
| Missouri.....           | .....           | .....               | 1,004,469,071             | 5,680,839    | 5.75                   | 3.00   |
| Montana.....            | 75,039,256      | 73,373,706          | 153,412,962               | 860,000      | .....                  | 2.50   |
| Nebraska.....           | .....           | .....               | 174,439,095               | None         | 8.00                   | 7.22   |
| Nevada.....             | 19,299,526      | 9,091,726           | 28,391,252                | 265,210      | .....                  | 8.00   |
| New Hampshire.....      | .....           | .....               | 282,517,963               | 1,781,323    | .....                  | .....  |
| New Jersey.....         | .....           | .....               | 918,418,741               | None         | .....                  | .....  |
| New Mexico.....         | .....           | .....               | 36,547,439                | 1,152,100    | .....                  | 17.20  |
| New York.....           | 5,168,645,989   | 585,783,522         | 5,754,429,511             | 110,075,660  | 3.24                   | 11.20  |
| North Carolina.....     | 167,368,632     | 139,229,083         | 306,597,715               | 6,287,350    | 4.13                   | 4.30   |
| North Dakota.....       | 73,574,494      | 43,629,991          | 117,204,485               | 1,006,393    | 4.50                   | 4.50   |
| Ohio.....               | 1,377,253,183   | 591,026,817         | 1,968,280,000             | 451,665      | .....                  | 2.89   |
| Oregon.....             | .....           | .....               | 141,398,523               | 1,238        | .....                  | 6.32   |
| Pennsylvania.....       | 2,766,829,685   | 761,755,893         | 3,528,585,578             | 7,815,299    | .....                  | .....  |
| Rhode Island.....       | 320,318,384     | 87,086,388          | 407,404,772               | 3,278,000    | .....                  | 1.80   |
| South Carolina.....     | 102,258,440     | 86,074,669          | 189,333,109               | 6,846,082    | 5.25                   | 5.00   |
| South Dakota.....       | .....           | .....               | 173,206,733               | 588,300      | .....                  | 3.20   |
| Tennessee.....          | 293,359,783     | 51,737,072          | 345,096,855               | 16,625,666   | 7.00                   | 6.73   |
| Texas.....              | 699,872,660     | 282,315,305         | 982,187,865               | 717,200      | 3.35                   | 3.46   |
| Utah.....               | .....           | .....               | 112,580,296               | 900,000      | .....                  | 8.00   |
| Vermont.....            | 119,783,775     | 59,231,217          | 179,014,992               | 333,965      | 2.50                   | 1.75   |
| Virginia.....           | 316,563,279     | 107,279,401         | 423,842,680               | 24,363,795   | 4.00                   | 4.00   |
| West Virginia.....      | 149,898,172     | 78,510,553          | 228,408,725               | None         | .....                  | 3.50   |
| Washington.....         | 188,816,290     | 71,363,814          | 260,180,104               | 1,345,000    | .....                  | 7.60   |
| Wisconsin.....          | 1,186,349,139   | 249,934,861         | 1,436,284,000             | 2,251,000    | 1.40                   | 1.57   |
| Wyoming.....            | .....           | .....               | 39,581,216                | 300,000      | .....                  | 6.50   |

The returns are for 1902, except when otherwise indicated. \* Corporation of Washington. † For 1901. ‡ Railroad valuation, \$47,117,755. § Railroad valuation, \$51,554,897. || Net direct debt; the contingent debt is \$52,080,957.

**The United States Revenue Cutter Service.**

THE United States Revenue Cutter Service is an arm of the Treasury Department, and is under the direction and control of the Secretary of the Treasury, and its purpose is, among other things, to enforce the revenue laws. It is by law under the immediate supervision of a captain of the service, detailed by the Secretary of the Treasury as "Chief of Division of Revenue Cutter Service." Treasury Department, Washington, D.C. Capt. C. F. Shoemaker, R. C. S., is at present the chief of said service.

**LIST OF VESSELS IN THE REVENUE CUTTER SERVICE.**

| NAMES.           | Class.    | Guns. | Stations.            | NAMES.          | Class.      | Guns. | Stations.            |
|------------------|-----------|-------|----------------------|-----------------|-------------|-------|----------------------|
| Alert.....       | P.....    | ..    | Mobile, Ala.         | Manhattan.....  | P.....      | 1     | New York, N. Y.      |
| Algonquin.....   | P.....    | 4     | Porto Rico.          | Manning.....    | P.....      | 5     | Tacoma, Wash.        |
| Bear.....        | P.....    | 3     | San Francisco, Cal.  | McCulloch.....  | P.....      | 6     | San Francisco, Cal.  |
| Bowtell.....     | P.....    | 2     | Newbern, N. C.       | McLane.....     | S. W.....   | 1     | Key West, Fla.       |
| Calumet.....     | P.....    | ..    | New York, N. Y.      | Morrill.....    | P.....      | 1     | Milwaukee, Wis.      |
| Chandler.....    | P.....    | 7     | Boston, Mass.        | Nanivak.....    | St'n W..... | 2     | Yukon River, Alaska. |
| Chase.....       | P.....    | 7     | (Coast Practice.)    | Onondaga.....   | P.....      | 4     | Philadelphia, Pa.    |
| Colfax.....      | S. W..... | 1     | Baltimore, Md.       | Perry.....      | P.....      | 1     | Astoria, Ore.        |
| Dallas.....      | P.....    | 2     | New London, Ct.      | Penrose.....    | P.....      | 1     | Pensacola, Fla.      |
| Dexter.....      | P.....    | 2     | New Bedford, Mass.   | Rush.....       | P.....      | 3     | Seattle, Wash.       |
| Fessenden.....   | S. W..... | 2     | Detroit, Mich.       | Scout.....      | P.....      | 1     | Port Townsend, Wash. |
| Forward.....     | P.....    | 1     | Charleston, S. C.    | Seminole.....   | P.....      | 3     | Boston, Mass.        |
| Grant.....       | P.....    | 2     | Port Townsend, Wash. | Smith.....      | P.....      | ..    | New Orleans, La.     |
| Galveston.....   | P.....    | 3     | Galveston, Tex.      | Sperry.....     | Sl.....     | ..    | Patchogue, N. Y.     |
| Gresham.....     | P.....    | 5     | New York, N. Y.      | Thetis.....     | P.....      | 2     | San Francisco, Cal.  |
| Golden Gate..... | P.....    | ..    | San Francisco, Cal.  | Tuscarora.....  | P.....      | 2     | Wilmington, N. C.    |
| Guard.....       | P.....    | ..    | Port Townsend, Wash. | Washington..... | P.....      | 3     | Philadelphia, Pa.    |
| Guthrie.....     | P.....    | ..    | Baltimore, Md.       | Windom.....     | P.....      | 3     | Baltimore, Md.       |
| Hamilton.....    | P.....    | 3     | Savannah, Ga.        | Winona.....     | P.....      | 1     | Mobile, Ala.         |
| Hudson.....      | P.....    | ..    | New York, N. Y.      | Woodbury.....   | P.....      | 2     | Portland, Me.        |

P., Propeller; S. W., Side Wheel; B., Bark; Sl., Sloop; St'n W., Stern Wheel.

## Banking Statistics.

THE NATIONAL BANKS OF THE UNITED STATES.  
(From the annual report of the Comptroller of the Currency.)

| Year Ending Sept. 1. | No. of Banks. | Capital.      | Surplus.         | Total Dividends. | Total Net Earnings. | Ratio of Dividends to Capital. | Ratio of Dividends to Capital and Surplus. | Ratio of Earnings to Capital and Surplus. |
|----------------------|---------------|---------------|------------------|------------------|---------------------|--------------------------------|--------------------------------------------|-------------------------------------------|
| 1880.                | 2,072         | \$454,215,062 | \$120,145,649.00 | \$36,111,473.00  | \$45,186,034.00     | 8.02                           | 6.35                                       | 7.88                                      |
| 1886.                | 2,784         | 532,459,921   | 155,030,884.00   | 42,412,803.00    | 55,165,385.00       | 7.96                           | 6.17                                       | 8.02                                      |
| 1887.                | 3,049         | 578,462,765   | 173,913,440.97   | 44,152,407.92    | 64,506,869.66       | 7.98                           | 6.12                                       | 8.95                                      |
| 1888.                | 3,093         | 583,539,145   | 184,416,990.92   | 46,531,657.89    | 65,360,486.73       | 8.02                           | 6.10                                       | 8.57                                      |
| 1889.                | 3,170         | 596,302,518   | 194,818,192.19   | 46,618,060.27    | 69,618,265.07       | 7.82                           | 6.59                                       | 8.60                                      |
| 1890.                | 3,353         | 625,089,645   | 208,707,786.00   | 51,158,883.33    | 72,055,563.52       | 8.19                           | 6.14                                       | 8.65                                      |
| 1891.                | 3,577         | 660,108,261   | 222,766,668.00   | 50,795,011.00    | 75,763,614.00       | 7.70                           | 5.76                                       | 8.60                                      |
| 1892.                | 3,701         | 679,076,650   | 237,761,865.23   | 50,400,713.93    | 66,658,015.27       | 7.42                           | 5.50                                       | 7.27                                      |
| 1893.                | 3,759         | 684,342,024   | 246,918,673.11   | 49,633,195.99    | 68,750,952.09       | 7.25                           | 5.33                                       | 7.38                                      |
| 1894.                | 3,755         | 672,951,450   | 246,001,328.00   | 45,333,270.00    | 41,955,248.00       | 6.07                           | 4.09                                       | 4.05                                      |
| 1895.                | 3,716         | 660,287,065   | 247,466,002.00   | 45,969,663.00    | 46,866,557.00       | 6.96                           | 5.06                                       | 5.15                                      |
| 1896.                | 3,682         | 652,725,750   | 248,235,323.00   | 45,525,947.00    | 49,742,318.00       | 6.97                           | 5.05                                       | 5.52                                      |
| 1897.                | 3,620         | 638,173,895   | 249,044,948.00   | 42,394,241.00    | 44,273,314.00       | 6.64                           | 4.78                                       | 4.99                                      |
| 1898.                | 3,581         | 615,818,725   | 244,281,879.00   | 44,291,971.00    | 50,032,972.00       | 7.17                           | 5.15                                       | 5.82                                      |
| 1899.                | 3,561         | 608,674,895   | 247,930,970.00   | 46,691,502.00    | 54,346,692.00       | 7.67                           | 5.45                                       | 6.34                                      |
| 1900.                | 3,604         | 608,754,600   | 251,950,843.42   | 48,033,094.39    | 87,276,836.60       | 7.88                           | 5.58                                       | 10.14                                     |
| 1901.                | 3,969         | 635,511,286   | 268,451,548.00   | 51,699,779.00    | 81,853,797.00       | 9.05                           | 5.72                                       | 8.15                                      |
| 1902.                | 4,269         | 673,683,767   | 302,513,154.55   | 68,199,493.02    | 106,581,476.85      | 10.92                          | 6.99                                       | 10.14                                     |

## UNITED STATES CURRENCY CIRCULATION, 1902.

| FISCAL YEAR. | Amount in Circulation. | Circulation per Capita. | FISCAL YEAR. | Amount in Circulation. | Circulation per Capita. | FISCAL YEAR. | Amount in Circulation. | Circulation per Capita. |
|--------------|------------------------|-------------------------|--------------|------------------------|-------------------------|--------------|------------------------|-------------------------|
| 1860.....    | \$435,407,252          | \$13.85                 | 1881.....    | \$1,114,238,419        | \$21.71                 | 1892.....    | \$1,601,347,187        | \$24.44                 |
| 1865.....    | 714,702,995            | 20.57                   | 1882.....    | 1,174,290,419          | 22.37                   | 1893.....    | 1,596,701,245          | 23.85                   |
| 1870.....    | 675,212,794            | 17.50                   | 1883.....    | 1,230,305,696          | 22.92                   | 1894.....    | 1,660,808,708          | 24.28                   |
| 1873.....    | 751,881,809            | 18.04                   | 1884.....    | 1,243,925,969          | 23.65                   | 1895.....    | 1,601,968,473          | 24.93                   |
| 1874.....    | 776,083,031            | 18.13                   | 1885.....    | 1,292,568,615          | 23.02                   | 1896.....    | 1,506,631,026          | 21.10                   |
| 1875.....    | 754,101,947            | 18.16                   | 1886.....    | 1,252,700,525          | 21.82                   | 1897.....    | 1,640,808,946          | 22.49                   |
| 1876.....    | 727,609,338            | 16.12                   | 1887.....    | 1,317,539,143          | 22.45                   | 1898.....    | 1,837,859,895          | 24.66                   |
| 1877.....    | 722,314,883            | 15.58                   | 1888.....    | 1,372,170,870          | 22.88                   | 1899.....    | 1,904,071,881          | 25.00                   |
| 1878.....    | 729,132,634            | 15.32                   | 1889.....    | 1,380,361,649          | 22.52                   | 1900.....    | 2,055,150,998          | 26.94                   |
| 1879.....    | 818,631,793            | 16.75                   | 1890.....    | 1,429,251,270          | 22.82                   | 1901.....    | 2,175,387,277          | 27.98                   |
| 1880.....    | 973,382,228            | 19.41                   | 1891.....    | 1,497,440,707          | 23.41                   | 1902.....    | 2,249,390,511          | 28.43                   |

## STATEMENT SHOWING THE AMOUNTS OF GOLD AND SILVER COINS AND CERTIFICATES, UNITED STATES NOTES, AND NATIONAL BANK NOTES IN CIRCULATION OCTOBER 1, 1902.

|                                          | General Stock Oct. 1, 1902. | In Treasury Oct. 1, 1902.* | Amount in Circulation Oct. 1, 1901. | Amount in Circulation Oct. 1, 1902. |
|------------------------------------------|-----------------------------|----------------------------|-------------------------------------|-------------------------------------|
| Gold Coin (including bullion in Treas'y) | \$1,215,234,885             | \$286,124,771              | \$631,201,267                       | \$624,728,060                       |
| Gold Certificates*                       |                             |                            | 277,517,169                         | 304,382,054                         |
| Standard Silver Dollars.....             | 543,360,860                 | 8,745,663                  | 71,201,115                          | 75,043,719                          |
| Silver Certificates*.....                |                             |                            | 435,437,962                         | 459,571,478                         |
| Subsidiary Silver.....                   | 97,988,576                  | 8,082,371                  | 81,538,117                          | 89,906,205                          |
| Treasury Notes of 1890.....              | 26,860,000                  | 94,210                     | 42,944,781                          | 26,741,790                          |
| United States Notes.....                 | 346,681,016                 | 3,750,930                  | 338,029,866                         | 342,930,086                         |
| Currency Certificates, act June 8, 1872* |                             |                            |                                     |                                     |
| National Bank Notes.....                 | 366,993,598                 | 14,610,339                 | 349,318,214                         | 352,383,250                         |
| Total.....                               | \$2,597,094,935             | \$321,408,281              | \$2,227,188,491                     | \$2,275,866,651                     |

Population of the United States October 1, 1902, estimated by the actuary of the department at 79,458,000; circulation per capita, \$28.64.

\* For redemption of outstanding certificates an exact equivalent in amount of the appropriate kinds of money is held in the Treasury, and is not included in the account of money held as assets by the Government.

† This statement of money held in the Treasury as assets of the Government does not include deposits of public money in National Bank depositories to the credit of the Treasurer of the United States, and amounting to \$126,102,429.51.

## PAPER CURRENCY OF EACH DENOMINATION OUTSTANDING JUNE 30, 1902.

| DENOMINATIONS.             | United States Notes. | Treasury Notes of 1890. | National Bank Notes. | Gold Certificates. | Silver Certificates. | Total.          |
|----------------------------|----------------------|-------------------------|----------------------|--------------------|----------------------|-----------------|
| One dollar.....            | \$1,986,042          | \$1,119,323             | \$346,371            | .....              | \$67,694,194         | \$1,145,950     |
| Two dollars.....           | 1,560,354            | 953,657                 | 166,170              | .....              | 39,877,278           | 42,557,456      |
| Five dollars.....          | 30,159,042           | 9,157,850               | 54,620,050           | .....              | 233,628,212          | 327,565,154     |
| Ten dollars.....           | 193,459,821          | 12,683,800              | 143,883,370          | .....              | 71,184,111           | 421,210,602     |
| Twenty dollars.....        | 54,499,282           | 4,637,570               | 107,488,120          | \$115,527,384      | 33,102,350           | 315,254,706     |
| Fifty dollars.....         | 9,998,125            | 70,100                  | 16,241,000           | 25,249,405         | 6,024,735            | 57,183,265      |
| One hundred dollars.....   | 17,927,250           | 749,700                 | 33,768,300           | 31,970,300         | 2,220,620            | 86,636,270      |
| Five hundred dollars.....  | 9,258,500            | .....                   | 98,500               | 12,744,500         | 69,500               | 22,171,000      |
| One thousand dollars.....  | 29,213,000           | 628,000                 | 25,000               | 42,140,500         | 196,000              | 72,202,500      |
| Five thousand dollars..... | 10,000               | .....                   | .....                | 30,000,000         | .....                | 30,010,000      |
| Ten thousand dollars.....  | 10,000               | .....                   | .....                | 88,950,000         | .....                | 88,960,000      |
| Fractional parts.....      | .....                | .....                   | 35,210               | .....              | .....                | 35,210          |
| Total.....                 | \$347,681,016        | \$30,000,000            | \$356,672,091        | \$346,582,069      | \$453,997,000        | \$1,534,932,196 |
| Unknown, destroyed.....    | 1,000,000            | .....                   | .....                | .....              | .....                | 1,000,000       |
| Net.....                   | \$346,681,016        | \$30,000,000            | \$356,672,091        | \$346,582,069      | \$453,997,000        | \$1,533,932,196 |



BANKING STATISTICS—Continued.

BANKING STATISTICS OF EUROPE.

CAPITAL, SPECIE, CIRCULATION, ETC., OF THE PRINCIPAL FOREIGN BANKS OF ISSUE, 1902

| BANKS.                        | Capital.      | Gold              | Silver.           | Total Specie.     | Circulation.      | Deposits and Accounts Current. | Minimum Rate of Discount. |
|-------------------------------|---------------|-------------------|-------------------|-------------------|-------------------|--------------------------------|---------------------------|
|                               | Francs.       | Francs, Millions. | Francs, Millions. | Francs, Millions. | Francs, Millions. | Francs, Millions.              |                           |
| Imperial Bank of Germany...   | a 150,000,000 | .....             | .....             | 1,238.7           | 1,762.1           | 707.6                          | 3                         |
| Bank of Issue of Germany....  | d 81,672,000  | .....             | .....             | 81.1              | 199.1             | 115.9                          |                           |
| Bank of Austria-Hungary....   | b 27,000,000  | 1,110.4           | 320.4             | 1,430.8           | 1,513.4           | 126.7                          | 3½                        |
| National Bank of Belgium....  | a 20,000,000  | .....             | .....             | 111.4             | 604.7             | 63.9                           | 3                         |
| National Bank of Bulgaria.... | f 12,120,350  | .....             | .....             | 13.4              | 28.4              | 77.0                           | 8                         |
| National Bank of Denmark....  | c 35,000,000  | 101.4             | .....             | 101.4             | 141.7             | 8.1                            | 5½                        |
| Bank of Spain.....            | a 150,000,000 | 351.1             | 439.2             | 846.3             | 1,598.4           | 518.3                          | 4                         |
| Bank of Finland.....          | b 10,000,000  | 21.2              | 3.1               | 24.3              | 62.0              | .....                          | 3                         |
| Bank of France.....           | f 182,500,000 | 2,570.2           | 1,125.0           | 3,695.0           | 4,041.0           | 544.6                          | .....                     |
| National Bank of Greece.....  | b 20,000,000  | .....             | .....             | 1.8               | 129.8             | 86.8                           | 6½                        |
| Bank of Italy.....            | f 240,000,000 | 818.4             | 66.4              | 384.8             | 863.5             | 176.2                          | 5                         |
| Bank of Naples.....           | .....         | 70.0              | 13.2              | 87.2              | 256.1             | 66.7                           | 5                         |
| Bank of Sicily.....           | *60,000,000   | 35.3              | 1.9               | 32.2              | 61.1              | 32.3                           | 5                         |
| Bank of Norway.....           | f 17,376,963  | 42.7              | .....             | 42.7              | 75.3              | 10.1                           | 4½                        |
| Bank of Netherlands.....      | a 41,655,000  | 122.2             | 171.8             | 294.0             | 464.9             | 12.2                           | 3                         |
| Bank of Portugal.....         | a 75,548,000  | 27.1              | 38.7              | 65.8              | 373.9             | 13.2                           | 5                         |
| National Bank of Roumania.... | f 12,000,000  | 51.5              | 4.3               | 55.8              | 154.2             | .....                          | 6½                        |
| Bank of England.....          | g 367,041,000 | 944.4             | .....             | 944.4             | 759.0             | 1,108.1                        | .....                     |
| Banks of Scotland.....        | g 234,605,000 | .....             | .....             | 157.8             | 197.5             | .....                          | 3                         |
| Banks of Ireland.....         | g 181,818,000 | .....             | .....             | 82.1              | 174.6             | .....                          | .....                     |
| Imperial Bank of Russia.....  | f 135,420,000 | 1,943.5           | 236.0             | 2,179.5           | 1,469.6           | 463.5                          | 4½                        |
| National Bank of Servia.....  | c 20,000,000  | 5.9               | 9.3               | 15.2              | 35.7              | 9.7                            | 6                         |
| Royal Bank of Sweden.....     | f 81,750,000  | 66.2              | 8.0               | 74.2              | 126.7             | 51.0                           | 4½                        |
| Private Banks of Sweden.....  | a 107,586,000 | 7.6               | .....             | 7.6               | 63.8              | 802.8                          | .....                     |
| Banks of Switzerland.....     | a 156,000,000 | 104.0             | 8.3               | 112.3             | 221.1             | 1,226.8                        | 3½                        |
| Imperial Ottoman Bank.....    | f 125,000,000 | .....             | .....             | 67.9              | .....             | 186.0                          | .....                     |
| Bank of Japan.....            | ¥740,000      | .....             | .....             | 201.2             | 463.3             | 11.4                           | 8                         |
| Total.....                    | 2,816,495,613 | 7,896.1           | 2,515.4           | 12,372.7          | 15,894.4          | 6,411.5                        | .....                     |

The returns of specie holdings, circulation, deposits, and notes of discount are taken from the Bulletin de Statistique, and are official.

(a) From Comptroller's report 1897. (b) From Comptroller's report 1898. (c) Conant's History of Modern Banks of Issue. (d) Bulletin de Statistique. (e) Banking Almanac 1901. (f) Statement prepared for Comptroller's report 1902. \* Approximate.

TRANSACTIONS OF THE NEW YORK CLEARING-HOUSE.  
(For fiscal years ending September 30.)

| YEAR.     | No. of Banks. | Capital.     | Clearings.       | Balances Paid in Money. | Average Daily Clearings. | Average Daily Balances Paid in Money. | Balances to Clearings |
|-----------|---------------|--------------|------------------|-------------------------|--------------------------|---------------------------------------|-----------------------|
| 1883..... | 63            | \$61,162,700 | \$40,293,165,258 | \$1,568,983,196         | \$132,543,507            | \$5,161,129                           | 3.9                   |
| 1884..... | 61            | 60,412,700   | 34,092,037,338   | 1,524,930,994           | 111,048,982              | 4,967,202                             | 4.5                   |
| 1885..... | 64            | 58,612,700   | 25,250,791,440   | 1,295,355,252           | 82,789,480               | 4,247,069                             | 5.1                   |
| 1886..... | 63            | 59,312,700   | 33,374,682,216   | 1,519,565,385           | 109,067,589              | 4,965,900                             | 4.5                   |
| 1887..... | 64            | 60,862,700   | 34,872,848,786   | 1,569,626,325           | 114,337,209              | 5,146,316                             | 4.5                   |
| 1888..... | 63            | 60,762,700   | 30,863,686,609   | 1,570,198,528           | 101,192,415              | 5,148,192                             | 5.1                   |
| 1889..... | 63            | 60,762,700   | 34,796,465,529   | 1,757,637,473           | 114,839,820              | 5,800,784                             | 5.0                   |
| 1890..... | 64            | 60,812,700   | 37,660,686,572   | 1,753,040,145           | 123,074,139              | 5,728,889                             | 4.7                   |
| 1891..... | 63            | 60,812,700   | 34,053,698,770   | 1,584,635,500           | 111,651,471              | 5,195,526                             | 4.6                   |
| 1892..... | 64            | 60,422,700   | 36,279,905,236   | 1,861,500,575           | 118,561,782              | 6,083,335                             | 5.1                   |
| 1893..... | 64            | 61,622,700   | 34,421,380,870   | 1,696,207,176           | 113,978,082              | 5,616,580                             | 4.9                   |
| 1894..... | 65            | 62,622,700   | 24,230,145,368   | 1,585,241,634           | 79,704,426               | 5,214,611                             | 6.5                   |
| 1895..... | 66            | 62,622,700   | 28,264,379,126   | 1,896,574,349           | 92,670,095               | 6,218,276                             | 6.7                   |
| 1896..... | 65            | 60,622,700   | 29,350,894,884   | 1,843,289,239           | 96,232,442               | 6,043,571                             | 6.2                   |
| 1897..... | 65            | 59,022,700   | 39,357,760,948   | 1,908,901,898           | 103,424,954              | 6,300,006                             | 6.0                   |
| 1898..... | 64            | 58,272,700   | 39,853,413,948   | 2,338,529,016           | 131,529,419              | 7,117,918                             | 5.87                  |
| 1899..... | 64            | 58,922,700   | 57,368,213,771   | 3,085,971,370           | 189,961,029              | 10,218,448                            | 5.37                  |
| 1900..... | 64            | 74,222,700   | 51,964,588,572   | 2,730,441,810           | 170,936,147              | 9,981,716                             | 5.25                  |
| 1901..... | 62            | 81,722,700   | 77,020,672,494   | 3,515,037,741           | 254,193,639              | 11,600,785                            | 4.57                  |
| 1902..... | 60            | 100,672,700  | 74,753,189,435   | 3,377,504,072           | 245,898,649              | 11,110,210                            | 4.51                  |

EXCHANGES OF CLEARING-HOUSES OF UNITED STATES CITIES.

| CLEARING-HOUSE AT— | EXCHANGES FOR YEARS ENDED SEPTEMBER 30— |                  |                  |                  |
|--------------------|-----------------------------------------|------------------|------------------|------------------|
|                    | 1902.                                   | 1901.            | 1900.            | 1899.            |
| New York....       | \$74,753,189,436                        | \$77,020,672,494 | \$51,964,588,572 | \$57,368,230,771 |
| Boston.....        | 6,912,674,641                           | 7,149,901,648    | 6,299,128,611    | 6,784,183,977    |
| Chicago.....       | 8,341,534,350                           | 7,414,643,569    | 6,811,052,828    | 6,368,946,314    |
| Philadelphia.      | 5,729,442,760                           | 5,296,823,192    | 4,679,455,332    | 4,575,299,372    |
| St. Louis.....     | 2,517,556,942                           | 2,112,410,079    | 1,656,343,626    | 1,608,007,344    |
| San Francisco      | 1,310,956,178                           | 1,134,499,932    | 1,017,115,942    | 914,851,684      |
| Baltimore....      | 1,195,978,925                           | 1,182,838,784    | 1,072,172,396    | 1,276,120,171    |
| Pittsburgh...      | 2,113,602,538                           | 1,970,779,481    | 1,189,590,102    | 1,353,022,951    |
| Cincinnati...      | 1,043,330,300                           | 937,038,200      | 792,434,950      | 709,519,900      |
| Kansas City..      | 963,936,322                             | 894,222,415      | 738,817,138      | 622,485,593      |
| New Orleans..      | 663,918,045                             | 602,266,603      | 500,671,071      | 442,659,109      |
| Minneapolis..      | 711,326,700                             | 572,871,392      | 583,193,116      | 517,797,428      |
| Detroit.....       | 577,338,064                             | 398,444,261      | 424,771,513      | 398,644,554      |
| Louisville...      | 489,822,665                             | 453,971,572      | 414,413,359      | 391,115,296      |
| Other cities..     | 8,696,810,137                           | 7,474,893,890    | 6,412,936,888    | 5,578,777,312    |
| Total.....         | 116,021,618,003                         | 114,616,277,512  | 84,556,685,444   | 88,909,661,776   |

Clearing-House returns prepared for THE WORLD ALMANAC by Assistant Manager W. J. Gilpin, of New York Clearing-House.

## Statistics of Savings Banks.

NUMBER OF DEPOSITORS, AMOUNT OF DEPOSITS, AND AVERAGE TO EACH DEPOSITOR, 1901-1902.

| STATES AND TERRITORIES. | Number of Depositors. | Amount of Deposits. | Average to Each Depositor. | STATES AND TERRITORIES.               | Number of Depositors. | Amount of Deposits. | Average to Each Depositor. |
|-------------------------|-----------------------|---------------------|----------------------------|---------------------------------------|-----------------------|---------------------|----------------------------|
| Maine.....              | 193,005               | \$72,082,694        | \$373.47                   | Louisiana.....                        | *10,518               | *\$3,284,892        | *\$312.31                  |
| N. Hampshire...         | 147,928               | 60,249,862          | 407.29                     | Texas.....                            | *2,980                | *584,424            | *196.12                    |
| Vermont.....            | 128,529               | 41,987,497          | 326.68                     | Tennessee.....                        | †19,823               | †3,519,333          | †177.54                    |
| Massachusetts...        | 1,593,640             | 560,705,752         | 351.84                     | S'thern States                        | 72,563                | \$16,530,046        | \$227.80                   |
| Rhode Island.....       | 138,366               | 71,900,541          | 519.64                     | Ohio.....                             | 103,405               | 48,180,438          | 465.94                     |
| Connecticut.....        | 425,588               | 193,248,909         | 454.07                     | Indiana.....                          | 24,362                | 7,288,506           | 299.17                     |
| N. Eng. States          | 2,627,056             | \$1,000,175,255     | \$380.72                   | Illinois.....                         | b 277,879             | c 100,072,804       | 360.13                     |
| New York.....           | 2,229,661             | 1,051,689,186       | 471.68                     | Wisconsin.....                        | 3,908                 | 719,069             | 183.98                     |
| New Jersey.....         | 327,130               | 69,866,709          | 307.60                     | Minnesota.....                        | 63,293                | 15,526,701          | 245.31                     |
| Pennsylvania.....       | 396,877               | 120,441,275         | 303.47                     | Iowa.....                             | a 238,421             | 85,703,614          | 359.46                     |
| Delaware.....           | 4,187                 | 1,265,586           | 302.26                     | Middle States.                        | 711,268               | \$257,491,072       | \$362.02                   |
| Maryland.....           | 186,293               | 64,367,767          | 345.52                     | California.....                       | 256,467               | 180,438,675         | 703.55                     |
| Dis. of Columbia        | 10,845                | 1,309,555           | 120.75                     | Pacific States.<br>(California only.) | 256,467               | \$180,438,675       | \$703.55                   |
| East'n States           | 3,054,993             | \$1,308,940,078     | \$428.46                   | United States.                        | 6,755,623             | \$2,769,839,546     | \$412.53                   |
| West Virginia...        | 4,687                 | 690,372             | 155.16                     |                                       |                       |                     |                            |
| North Carolina...       | 12,201                | 2,451,838           | 200.95                     |                                       |                       |                     |                            |
| South Carolina...       | †23,164               | 15,785,792          | †249.78                    |                                       |                       |                     |                            |
| Florida.....            | *877                  | *225,395            | *257.01                    |                                       |                       |                     |                            |

\* Returns of 1899-1900. † Returns of 1900-1901. a Estimated. b Partially estimated. c Savings deposits in State institutions having savings departments—abstract included with State banks.

No returns for 1901-1902 from the following States and returns for previous years are: Alabama, 1893-94, depositors, 2,500; amount of deposits, \$102,347. New Mexico, 1894-95, depositors, 217; amount of deposits, \$37,951. Washington, 1894-95, depositors, 5,512; amount of deposits, \$1,148,104. Oregon, 1895-96, depositors, 1,631; amount of deposits, \$972,298. Georgia, 1896-97, depositors, 5,384; amount of deposits, \$288,010.

SAVINGS BANKS, DEPOSITORS, AND DEPOSITS IN THE UNITED STATES EVERY TEN YEARS FROM 1830 TO 1890 AND ANNUALLY SINCE.

| YEAR.     | Number of Banks. | Number of Depositors. | Deposits.     | YEAR.     | Number of Banks. | Number of Depositors. | Deposits.       |
|-----------|------------------|-----------------------|---------------|-----------|------------------|-----------------------|-----------------|
| 1830..... | 36               | 38,085                | \$6,973,304   | 1894....  | 1,024            | 4,777,687             | \$1,747,961,280 |
| 1840..... | 61               | 78,701                | 14,051,520    | 1895..... | 1,017            | 4,875,519             | 1,810,597,023   |
| 1850..... | 108              | 251,354               | 43,431,130    | 1896....  | 988              | 5,065,494             | 1,907,156,277   |
| 1860..... | 278              | 693,870               | 149,277,504   | 1897....  | 980              | 5,201,132             | 1,939,376,035   |
| 1870..... | 517              | 1,630,846             | 549,874,358   | 1898....  | 979              | 5,385,746             | 2,065,631,298   |
| 1880..... | 629              | 2,335,582             | 819,106,973   | 1899....  | 942              | 5,687,818             | 2,230,366,954   |
| 1890..... | 921              | 4,258,893             | 1,524,844,506 | 1900....  | 1,002            | 6,107,083             | 2,449,547,885   |
| 1891....  | 1,011            | 4,533,217             | 1,623,079,749 | 1901....  | 1,007            | 6,358,723             | 2,597,094,580   |
| 1892....  | 1,059            | 4,781,605             | 1,712,769,026 | 1902....  | 1,036            | 6,666,672             | 2,750,177,290   |
| 1893....  | 1,030            | 4,830,599             | 1,785,150,957 |           |                  |                       |                 |

The above and following tables were compiled from the report of the Comptroller of the Currency.

NUMBER OF DEPOSITORS AND AMOUNT OF DEPOSITS IN EUROPEAN COUNTRIES.

(Latest reports received by the Comptroller of the Currency.)

| COUNTRIES.         | Number of Depositors. | Amount of Deposits. | Average Deposit. | COUNTRIES.          | Number of Depositors. | Amount of Deposits. | Average Deposit. |
|--------------------|-----------------------|---------------------|------------------|---------------------|-----------------------|---------------------|------------------|
| Austria-Hungary... | 2,948,261             | \$650,000,000       | \$220.47         | Switzerland.....    | 1,196,590             | \$178,792,290       | \$149.42         |
| Bavaria.....       | 665,943               | 57,638,605          | 86.55            | United K'dom, 1890. | 9,493,838             | 916,836,845         | 96.57            |
| Belgium.....       | 1,519,251             | 116,022,486         | 76.36            | Australasia.....    | 894,879               | 130,485,880         | 145.81           |
| Denmark.....       | 999,854               | 165,920,325         | 165.95           | Canada.....         | 175,500               | 57,578,975          | 327.97           |
| France.....        | 9,964,678             | 825,000,000         | 82.79            | Cape Colony.....    | 50,161                | 8,490,920           | 169.21           |
| Italy.....         | 4,137,908             | 331,330,100         | 80.07            | India.....          | 653,892               | 28,413,460          | 43.60            |
| Netherlands.....   | 740,024               | 43,073,460          | 58.20            | Newfoundland...     | 6,401                 | 2,821,420           | 440.71           |
| Norway.....        | 540,053               | 60,533,905          | 112.08           | Crown Colonies...   | 114,491               | 12,275,455          | 107.22           |
| Prussia.....       | 8,049,599             | 1,255,000,000       | 155.91           | Total.....          | 46,785,099            | \$5,091,623,841     | \$108.83         |
| Russia, 1890.....  | 3,172,858             | 320,000,000         | 100.85           |                     |                       |                     |                  |
| Sweden.....        | 1,460,858             | 98,170,720          | 67.20            |                     |                       |                     |                  |

The computation of the savings deposits of the world shows that they amount to the enormous sum of over seven billions of dollars. The depositors in the savings banks of the world, therefore, would now be capable of advancing the amount of the war indemnity which France paid to Germany after 1870 seven times over. The depositors of the United States alone could cover the amount nearly twice over, and those of France, Prussia, and Great Britain could almost cover it from the deposits of either country alone. The Empire of Austria-Hungary ranks third in the amount of savings deposits and fourth in the amount per capita. These figures cover the deposits of all savings banks in the countries named—the private and stock savings banks as well as the government banks—but they do not include the great deposits in the commercial banks. The figures are made up by the Bureau of Statistics from material taken from the reports of the Comptroller of the Currency.—*Journal of Commerce*.

Monetary Statistics.

(Compiled from the Report of the Director of the Mint.)

APPROXIMATE STOCKS OF MONEY IN THE WORLD, JANUARY 1, 1902.

| COUNTRIES.              | Popula-<br>tion. | Stock of<br>Gold. | STOCK OF SILVER. |                    |                 | Uncovered<br>Paper. | PER CAPITA. |         |        |         |
|-------------------------|------------------|-------------------|------------------|--------------------|-----------------|---------------------|-------------|---------|--------|---------|
|                         |                  |                   | Full<br>Tender.  | Limited<br>Tender. | Total.          |                     | Gold.       | Silver. | Paper. | Total.  |
| United States.....      | 78,400,000       | \$1,174,600,000   | \$573,500,000    | \$91,500,000       | \$650,000,000   | \$37,800,000        | \$14.98     | \$8.45  | \$5.58 | \$29.04 |
| Austria-Hungary.....    | 47,100,000       | * 257,000,000     |                  | * 80,000,000       | * 80,000,000    | * 39,900,000        | 5.45        | 1.70    | 8.55   | 8.00    |
| Belgium.....            | 6,700,000        | † 19,700,000      | † 20,000,000     | † 3,300,000        | † 23,300,000    | † 95,600,000        | 2.94        | 3.48    | 14.71  | 21.13   |
| British Empire:         |                  |                   |                  |                    |                 |                     |             |         |        |         |
| Australasia.....        | 5,500,000        | * 128,600,000     |                  | * 6,100,000        | * 6,100,000     |                     | 23.38       | 1.11    |        | 24.49   |
| Canada.....             | 5,500,000        | * 200,000,000     |                  | * 5,000,000        | * 5,000,000     | * 56,900,000        | 3.64        | 9.1     | 10.34  | 14.89   |
| Cape Colony.....        | 2,300,000        | † 3,750,000       |                  | † 1,000,000        | † 1,000,000     |                     | 16.30       | .43     |        | 16.73   |
| Great Britain.....      | 41,600,000       | † 528,000,000     |                  | * 116,800,000      | * 116,800,000   | * 115,200,000       | 12.69       | 2.81    | 2.79   | 18.29   |
| India.....              | 295,000,000      | † 49,200,000      | * 455,300,000    |                    | * 455,300,000   | * 32,400,000        | .17         | 1.64    | .11    | 1.92    |
| S. African Rep.....     | 1,100,000        | † 29,300,000      |                  | † 1,900,000        | † 1,900,000     |                     | 26.54       | 1.09    |        | 27.63   |
| Bulgaria.....           | 3,700,000        | † 1,400,000       | † 2,000,000      |                    | † 1,200,000     | † 3,200,000         | .28         | .86     |        | 1.91    |
| Cuba.....               | 1,600,000        | † 2,000,000       |                  | † 1,500,000        | † 1,500,000     |                     | 1.25        | .93     |        | 2.18    |
| Denmark.....            | 2,600,000        | * 15,500,000      |                  | * 5,900,000        | * 5,900,000     | * 7,500,000         | 5.96        | 2.27    | 2.88   | 11.11   |
| Egypt.....              | 9,800,000        | † 30,000,000      |                  | * 6,400,000        | * 6,400,000     |                     | 3.06        | .65     |        | 3.71    |
| Finland.....            | 2,700,000        | † 4,100,000       |                  | † 600,000          | † 600,000       | † 7,200,000         | 1.52        | 2.70    | .22    | 4.44    |
| France.....             | 39,000,000       | † 903,500,000     | * 373,500,000    | * 46,300,000       | * 419,800,000   | * 134,500,000       | 23.17       | 10.76   | 3.45   | 37.38   |
| Germany.....            | 56,400,000       | † 1,620,800,000   | † 73,000,000     | † 134,500,000      | † 207,500,000   | * 153,400,000       | 13.52       | 3.68    | 2.77   | 19.92   |
| Greece.....             | 2,400,000        | * 400,000         | † 500,000        | † 1,000,000        | † 1,500,000     | * 29,800,000        | .17         | .62     | 12.42  | 13.21   |
| Haiti.....              | 1,000,000        | * 1,300,000       | † 1,000,000      | † 1,300,000        | † 2,500,000     | * 3,000,000         | 1.30        | 2.50    | 3.30   | 7.10    |
| Italy.....              | 32,500,000       | * 101,500,000     | † 16,000,000     | * 25,400,000       | * 38,400,000    | * 174,800,000       | 3.12        | 1.78    | 5.28   | 9.88    |
| Japan.....              | 46,800,000       | * 43,400,000      |                  | * 29,500,000       | * 29,500,000    | * 11,100,000        | .93         | .43     | 1.53   | 3.09    |
| Netherlands.....        | 5,100,000        | * 38,500,000      | * 52,200,000     | * 3,800,000        | * 56,000,000    | † 39,600,000        | 7.55        | 10.98   | 7.76   | 29.29   |
| Norway.....             | 2,200,000        | * 8,200,000       |                  | * 3,100,000        | * 3,100,000     | * 6,000,000         | 7.89        | 1.40    | 1.73   | 7.86    |
| Portugal.....           | 5,400,000        | * 5,400,000       |                  | * 34,100,000       | * 34,100,000    |                     | 1.59        | 6.32    | 12.72  | 21.63   |
| Roumania.....           | 6,000,000        | † 9,500,000       |                  | † 800,000          | † 800,000       | † 18,300,000        | 1.55        | .43     | 3.05   | 4.76    |
| Russia.....             | 130,800,000      | * 714,600,000     |                  | * 103,200,000      | * 103,200,000   |                     | 5.46        | .79     |        | 6.25    |
| Servia.....             | 2,500,000        | † 1,400,000       |                  | † 1,700,000        | † 1,700,000     | † 3,700,000         | .56         | .68     | 1.48   | 2.72    |
| South Am. States.....   | 39,600,000       | * 75,900,000      | * 4,000,000      | * 14,700,000       | * 18,700,000    | * 115,100,000       | 1.94        | .47     | 28.16  | 30.57   |
| Spain.....              | 17,500,000       | † 79,100,000      |                  | * 173,700,000      | * 173,700,000   | * 165,200,000       | 4.44        | 9.76    | 9.28   | 23.43   |
| Sweden.....             | 5,100,000        | * 17,500,000      |                  | * 7,000,000        | * 7,000,000     | * 27,500,000        | 3.43        | 1.37    | 5.41   | 10.21   |
| Switzerland.....        | 3,300,000        | † 27,500,000      |                  | † 10,700,000       | † 10,700,000    | * 15,600,000        | 8.37        | 3.24    | 5.64   | 17.21   |
| Turkey.....             | 21,200,000       | † 50,000,000      | † 30,000,000     | † 10,000,000       | † 40,000,000    |                     | 2.06        | 1.65    |        | 3.71    |
| Central Am. States..... | 4,000,000        | * 2,000,000       | * 7,000,000      |                    | * 7,000,000     | * 30,200,000        | .50         | 1.75    | 1.55   | 9.80    |
| China.....              | 330,150,000      |                   | † 750,000,000    |                    | † 750,000,000   |                     |             | 2.24    |        | 2.24    |
| Mexico.....             | 13,500,000       | † 8,000,000       | * 106,000,000    |                    | * 106,000,000   | * 54,000,000        | .63         | 7.85    | 4.00   | 12.48   |
| Siam.....               | 6,300,000        | † 22,300,000      | * 193,000,000    |                    | * 193,000,000   | * 2,600,000         | 3.54        | 30.63   | .41    | 34.58   |
| Straits Settlements**   | 5,100,000        |                   | † 240,000,000    | † 2,000,000        | † 242,000,000   |                     |             | 47.45   |        | 47.45   |
| Total.....              | 1,282,400,000    | \$5,174,400,000   | \$3,927,000,000  | \$920,500,000      | \$3,847,500,000 | \$2,921,100,000     | \$4.03      | \$3.00  | \$9.28 | \$9.31  |

\* Information furnished through United States representatives. † Estimate, Bureau of the Mint. ‡ L'Economiste, European, January, 1901. § C. Cramer-Frey. ¶ Except B. I. and Colombia. \*\* Includes Aden, Perim, Hong Kong, Lebanon, and Straits Settlements. †† Report of Head Commissioner of Paper Currency.

WORLD'S PRODUCTION OF GOLD AND SILVER IN 1901.

| COUNTRIES.           | Gold.      |              | Silver.    |              | COUNTRIES.            | Gold.      |           | Silver.    |             |
|----------------------|------------|--------------|------------|--------------|-----------------------|------------|-----------|------------|-------------|
|                      | Oz., fine. | Value.       | Oz., fine. | Coin'g Val.  |                       | Oz., fine. | Value.    | Oz., fine. | Coin'g Val. |
| United States.....   | 3,805,500  | \$78,666,700 | 55,214,000 | \$11,397,800 | Argentina.....        | 1,451      | \$30,000  | 45,166     | \$68,800    |
| Mexico.....          | 497,527    | 10,284,800   | 57,856,549 | 74,545,900   | Bolivia.....          | 5,786      | 119,600   | 10,254,260 | 13,295,000  |
| Canada.....          | 1,187,316  | 24,128,500   | 5,242,697  | 6,778,400    | Chile.....            | 51,696     | 1,067,200 | 10,385,353 | 13,400,000  |
| Africa.....          | 439,704    | 9,098,500    |            |              | Colombia.....         | 135,513    | 2,801,300 | 1,881,649  | 2,432,800   |
| Australasia.....     | 3,719,080  | 76,780,200   | 18,775,816 | 24,275,800   | Brazil.....           | 134,260    | 2,775,400 |            |             |
| Russia.....          | 1,05,412   | 22,850,900   | 15,593     | 203,000      | Venezuela.....        | 15,538     | 321,200   |            |             |
| Austria-Hungary..... | 103,363    | 2,367,700    | 1,976,706  | 2,581,600    | Guiana (British)..... | 85,701     | 1,771,600 |            |             |
| Germany.....         | 2,893      | 59,800       | 5,521,648  | 7,139,100    | Guiana (Dutch).....   | 19,621     | 405,600   |            |             |
| Norway.....          |            |              | 165,900    | 214,500      | Guiana (French).....  | 96,750     | 2,000,000 |            |             |
| Sweden.....          | 2,017      | 41,700       | 53,976     | 69,800       | Peru.....             | 64,300     | 1,379,200 | 5,600,848  | 7,241,500   |
| Italy.....           | 1,704      | 35,200       | 751,355    | 971,100      | Central America.....  | 30,374     | 640,300   | 879,666    | 1,137,400   |
| Spain.....           | 418        | 8,500        | 3,185,316  | 4,118,400    | Japan.....            | 58,127     | 1,201,600 | 1,729,603  | 2,296,300   |
| Greece.....          |            |              | 1,154,046  | 1,492,100    | China.....            | 439,801    | 9,091,500 |            |             |
| Turkey.....          | 1,185      | 24,500       | 429,180    | 554,900      | Korea.....            | 217,687    | 4,500,000 |            |             |
| France.....          |            |              | 452,151    | 584,600      | India (British).....  | 454,527    | 9,393,900 |            |             |
| Great Britain.....   | 13,360     | 276,200      | 221,673    | 296,600      | East India (Br.)..... | 41,685     | 861,700   |            |             |

Fine ounce of gold, \$20.671834; fine ounce of silver, \$1.299299; coinage rate in United States silver dollars.

COINAGE OF NATIONS IN 1901.

| COUNTRIES.               | Gold.      | Silver.      | COUNTRIES.            | Gold.      | Silver.     | COUNTRIES.       | Gold.         | Silver.       |
|--------------------------|------------|--------------|-----------------------|------------|-------------|------------------|---------------|---------------|
|                          |            |              |                       |            |             |                  |               |               |
| Austria-Hungary.....     | 3,817,524  | 3,604,414    | Germany.....          | 28,149,252 | \$7,148,713 | Portugal.....    |               | 611,506       |
| Belgium.....             |            | 879,000      | Ger. East Africa..... |            | 245,492     | Russia.....      | \$1,537,256   | \$3,681,185   |
| Bolivia.....             |            | 2,450,218    | Italy.....            | (+)        |             | Siam.....        |               | 85,627        |
| Australasia.....         | 45,228,115 | 420,000      | Japan.....            | 998,264    | 536,925     | Spain.....       | (+)           | 72,603        |
| Canada.....              |            |              | Korea.....            | 298,800    |             | Sweden.....      | 1,932,915     |               |
| Great Britain.....       | 12,672,366 | 4,187,663    | Mexico.....           | 625,798    | 21,821,900  | Switzerland..... | 1,930,000     | 115,800       |
| Hong Kong.....           |            | 30,248,656   | Monaco.....           | 295,116    |             | Turkey.....      | 296,537       | 8,335         |
| India.....               |            | \$16,658,916 | Morocco.....          |            | 117,084     | Venezuela.....   |               | 225,997       |
| Straits Settlements..... |            | 600,000      | Netherlands.....      | 465,807    | 1,376,850   | All others.....  |               | 490,686       |
| Egypt.....               |            | 367,867      | Dutch E. Indies.....  |            | 402,000     |                  |               |               |
| France.....              | 14,451,668 | 2,392,200    | Norway.....           |            | 160,800     | Total.....       | \$248,093,787 | \$138,395,136 |
| Indo-China.....          |            | 3,676,984    | Persia.....           | 3,323      | 4,698,055   |                  |               |               |

\* Fiscal year 1899-1900, rupee calculated at \$0.3244. † No returns. ‡ Ruble calculated at coinage rate, \$0.5145.



MONETARY STATISTICS—Continued.

UNREFINED GOLD AND SILVER OF DOMESTIC PRODUCTION: ITS DISTRIBUTION BY STATES AND TERRITORIES AND ALSO REFINED DOMESTIC BULLION NOT DISTRIBUTED, AT THE MINTS AND ASSAY OFFICES FROM THEIR ORGANIZATION TO THE CLOSE OF THE FISCAL YEAR ENDED JUNE 30, 1902.

| LOCALITY.        | Gold.          | Silver.        | Total.         | LOCALITY.        | Gold.            | Silver.        | Total.           |
|------------------|----------------|----------------|----------------|------------------|------------------|----------------|------------------|
| Alabama.....     | \$78,287.49    | \$820.61       | \$79,108.10    | New Mexico...    | \$7,330,269.29   | \$7,554,643.22 | \$14,884,912.51  |
| Alaska.....      | 12,028,010.60  | 111,742.31     | 12,139,752.91  | New York.....    | 1,058.83         | .62            | 1,059.45         |
| Arizona.....     | 13,183,439.07  | 14,217,985.76  | 27,401,424.83  | N. Carolina...   | 12,097,303.73    | 64,472.71      | 12,161,776.44    |
| California.....  | 791,106,277.15 | 4,560,312.88   | 795,700,590.03 | Oregon.....      | 27,821,975.46    | 197,878.18     | 28,019,853.63    |
| Connecticut..... | 125.82         |                | 125.82         | Pennsylvania...  | 1,139.34         | 2,586.47       | 3,725.81         |
| Colorado.....    | 90,626,037.51  | 25,219,378.97  | 115,844,316.48 | South Carolina   | 2,839,263.08     | 6,971.37       | 2,846,234.45     |
| Georgia.....     | 10,142,172.09  | 11,430.12      | 10,153,602.21  | South Dakota...  | 82,859,686.03    | 1,482,326.72   | 84,341,972.75    |
| Idaho.....       | 42,664,418.09  | 2,100,168.95   | 44,764,587.04  | Tennessee.....   | 92,581.06        | 18.77          | 92,599.83        |
| Indiana.....     | 373.59         | 1.73           | 375.32         | Texas.....       | 11,732.67        | 6,863.29       | 17,595.96        |
| Iowa.....        | 1,318.17       | 65.50          | 1,383.67       | Utah.....        | 6,810,434.36     | 20,045,581.69  | 26,856,016.05    |
| Kansas.....      | 69.32          | .25            | 69.57          | Vermont.....     | 86,958.88        | 59.26          | 87,018.14        |
| Maine.....       | 35,703.62      | 3,719.70       | 39,423.32      | Virginia.....    | 1,791,733.78     | 663.18         | 1,792,396.96     |
| Maryland.....    | 22,285.86      | 45.77          | 22,331.63      | Washington....   | 2,278,346.55     | 47,029.17      | 2,325,375.72     |
| Massachusetts..  |                | 917.56         | 917.56         | West Virginia... | 248.74           | 3.72           | 248.46           |
| Michigan.....    | 502,652.72     | 4,331,402.38   | 4,834,055.10   | Wisconsin.....   | 1,109.77         | 38.54          | 1,148.31         |
| Minnesota.....   | 9,189.60       | 1,18.55        | 9,299.15       | Wyoming.....     | 1,002,721.65     | 14,352.01      | 1,017,073.66     |
| Missouri.....    | 893.60         | 58.92          | 952.52         | Other sources.   | 42,193,734.58    | 42,987,251.00  | 85,180,985.58    |
| Montana.....     | 84,191,281.18  | 22,508,333.34  | 110,699,714.52 | Unrefined....    | 1,280,748,761.08 | 251,211,407.76 | 1,531,960,168.84 |
| Nebraska.....    | 2,497.23       | 92.84          | 2,590.07       | Refined.....     | 863,727,536.63   | 563,023,265.76 | 1,426,750,802.39 |
| Nevada.....      | 44,694,694.39  | 105,734,658.16 | 150,429,352.55 | Grand total..    | 2,144,476,297.71 | 814,234,673.52 | 2,958,710,971.23 |
| N. Hampshire..   | 11,501.29      | 1.74           | 11,503.03      |                  |                  |                |                  |

PRODUCT OF GOLD AND SILVER FROM MINES IN THE UNITED STATES, 1883-1901.

| CALENDAR YEAR. | GOLD.        |              |  | SILVER.      |                   |                |
|----------------|--------------|--------------|--|--------------|-------------------|----------------|
|                | Fine Ounces. | Value.       |  | Fine Ounces. | Commercial Value. | Coining Value. |
| 1883.....      | 1,451,250    | \$30,000,000 |  | 35,730,000   | \$39,660,000      | \$46,200,000   |
| 1884.....      | 1,489,950    | 30,800,000   |  | 37,800,000   | 42,070,000        | 48,800,000     |
| 1885.....      | 1,538,325    | 31,800,000   |  | 39,910,000   | 42,500,000        | 51,600,000     |
| 1886.....      | 1,693,125    | 35,000,000   |  | 39,440,000   | 39,230,000        | 51,000,000     |
| 1887.....      | 1,596,375    | 33,000,000   |  | 41,200,000   | 40,410,000        | 53,350,000     |
| 1888.....      | 1,604,841    | 33,175,000   |  | 45,780,000   | 43,020,000        | 59,195,000     |
| 1889.....      | 1,587,000    | 32,800,000   |  | 50,000,000   | 46,750,000        | 64,646,000     |
| 1890.....      | 1,588,880    | 32,845,000   |  | 54,500,000   | 57,225,000        | 70,465,000     |
| 1891.....      | 1,604,840    | 33,175,000   |  | 58,330,000   | 57,630,000        | 75,417,000     |
| 1892.....      | 1,596,375    | 33,000,000   |  | 63,500,000   | 55,563,000        | 82,101,000     |
| 1893.....      | 1,739,323    | 35,955,000   |  | 60,000,000   | 46,800,000        | 77,576,000     |
| 1894.....      | 1,910,813    | 39,500,000   |  | 49,500,000   | 31,422,000        | 64,000,000     |
| 1895.....      | 2,254,760    | 46,610,000   |  | 55,727,000   | 36,445,000        | 72,051,000     |
| 1896.....      | 2,568,132    | 53,088,000   |  | 58,835,000   | 39,655,000        | 76,069,000     |
| 1897.....      | 2,774,935    | 57,363,000   |  | 53,860,000   | 32,316,000        | 69,637,000     |
| 1898.....      | 3,118,398    | 64,463,000   |  | 54,438,000   | 32,118,000        | 70,384,000     |
| 1899.....      | 3,437,210    | 71,053,400   |  | 54,764,500   | 32,858,700        | 70,806,626     |
| 1900.....      | 3,829,897    | 79,171,000   |  | 57,617,000   | 35,741,000        | 74,533,000     |
| 1901.....      | 3,805,500    | 78,666,700   |  | 55,214,000   | 33,128,400        | 71,387,800     |

PRODUCTION OF THE PRECIOUS METALS SINCE 1492.

The following table exhibits the production of gold and silver for periods since the discovery of America and the commercial ratio of silver to gold at the end of each period:

| YEARS.         | Gold.         |                       |        | Ratio. | YEARS.         | Silver-Coining Value. |                       |        | Ratio. |
|----------------|---------------|-----------------------|--------|--------|----------------|-----------------------|-----------------------|--------|--------|
|                | Gold.         | Silver-Coining Value. | Ratio. |        |                | Gold.                 | Silver-Coining Value. | Ratio. |        |
| 1492-1520..... | \$107,931,000 | \$54,703,000          | 10.75  |        | 1871-1880..... | \$1,150,814,000       | \$918,578,000         | 18.05  |        |
| 1521-1560..... | 204,697,000   | 297,226,000           | 11.30  |        | 1881-1890..... | 1,259,892,000         | 1,298,820,000         | 19.76  |        |
| 1561-1600..... | 189,012,000   | 597,244,000           | 11.80  |        | 1891.....      | 130,650,000           | 177,362,000           | 20.92  |        |
| 1601-1640..... | 223,572,000   | 678,800,000           | 14.00  |        | 1892.....      | 146,248,000           | 198,014,400           | 23.72  |        |
| 1641-1680..... | 239,655,000   | 584,691,000           | 15.60  |        | 1893.....      | 157,494,800           | 213,944,000           | 26.49  |        |
| 1681-1720..... | 313,491,000   | 579,869,000           | 15.21  |        | 1894.....      | 181,175,600           | 212,829,600           | 32.56  |        |
| 1721-1760..... | 588,727,000   | 801,712,000           | 14.75  |        | 1895.....      | 198,763,600           | 216,566,900           | 31.60  |        |
| 1761-1800..... | 511,675,000   | 1,273,468,000         | 15.09  |        | 1896.....      | 202,251,600           | 203,069,200           | 30.66  |        |
| 1801-1810..... | 118,152,000   | 371,677,000           | 15.61  |        | 1897.....      | 236,073,700           | 207,413,000           | 34.28  |        |
| 1811-1820..... | 76,063,000    | 224,798,000           | 15.51  |        | 1898.....      | 286,879,700           | 218,576,800           | 35.03  |        |
| 1821-1830..... | 94,479,000    | 191,444,000           | 15.80  |        | 1899.....      | 306,724,000           | 217,648,200           | 34.36  |        |
| 1831-1840..... | 134,841,000   | 247,930,000           | 15.75  |        | 1900.....      | 254,576,300           | 224,441,200           | 33.33  |        |
| 1841-1850..... | 363,928,000   | 324,400,000           | 15.83  |        | 1901.....      | 263,374,800           | 235,139,000           | 34.68  |        |
| 1851-1860..... | 1,332,981,000 | 372,261,000           | 15.29  |        | Total.....     | \$10,329,705,100      | \$11,649,799,400      |        |        |
| 1861-1870..... | 1,263,015,000 | 507,174,000           | 15.56  |        |                |                       |                       |        |        |

THE WORLD'S INDUSTRIAL CONSUMPTION OF GOLD AND SILVER IN 1901.

| COUNTRIES.       | GOLD.                     |             |                  | SILVER.                   |                |                  | COUNTRIES.     | GOLD.                     |             |                  | SILVER.                   |                |                  |
|------------------|---------------------------|-------------|------------------|---------------------------|----------------|------------------|----------------|---------------------------|-------------|------------------|---------------------------|----------------|------------------|
|                  | W <sup>g</sup> ts. Kilos. | Value.      | Commerc'l Value. | W <sup>g</sup> ts. Kilos. | Coining Value. | Commerc'l Value. |                | W <sup>g</sup> ts. Kilos. | Value.      | Commerc'l Value. | W <sup>g</sup> ts. Kilos. | Coining Value. | Commerc'l Value. |
| Aust.-Hung.....  | 3,553                     | \$2,361,300 | 45,451           | \$1,888,100               | \$876,200      |                  | Paraguay.....  | 3                         | \$2,200     | 100              | \$4,200                   | \$1,900        |                  |
| Belgium.....     | 2,542                     | 1,690,100   | 20,000           | 831,200                   | 385,700        |                  | Portugal.....  | 2,000                     | 1,329,200   | 9,500            | 394,800                   | 183,200        |                  |
| Brazil.....      | 750                       | 498,400     |                  |                           |                |                  | Russia.....    | 4,259                     | 2,830,500   | 114,733          | 4,768,700                 | 2,212,800      |                  |
| Cent. Amer.....  | 2                         | 1,200       | 31               | 1,300                     | 600            |                  | San Salvador   | 31                        | 20,700      | 168              | 7,000                     | 3,300          |                  |
| Egypt.....       | 1,077                     | 115,900     | 5,974            | 209,200                   | 97,100         |                  | Sweden.....    | 60                        | 398,800     | 6,000            | 249,400                   | 115,700        |                  |
| Finland.....     | 198                       | 729,000     | 1,030            | 80,500                    | 37,400         |                  | Switzerland..  | 6,300                     | 4,187,000   | 7,000            | 2,909,200                 | 1,250,100      |                  |
| France.....      | 21,600                    | 14,335,400  | 184,800          | 7,875,800                 | 3,655,700      |                  | U. States....  | 96,119                    | 17,379,100  | 399,714          | 16,612,100                | 7,709,100      |                  |
| Germany.....     | 10,743                    | 7,139,500   | 150,000          | 6,234,000                 | 2,893,000      |                  | All other..... | 5,000                     | 3,323,000   | 50,000           | 2,078,000                 | 964,300        |                  |
| Gr. Britain..... | 23,312                    | 15,825,500  | 925,000          | 9,352,100                 | 4,240,400      |                  | Total.....     | 114,245                   | \$5,727,400 | 1,318,249        | \$5,828,100               | \$25,443,700   |                  |
| Italy.....       | 5,000                     | 3,323,000   | 21,000           | 872,800                   | 405,000        |                  |                |                           |             |                  |                           |                |                  |
| Netherlands..    | 628                       | 417,400     | 10,951           | 455,100                   | 211,900        |                  |                |                           |             |                  |                           |                |                  |

## MONETARY STATISTICS—Continued.

## PRESENT MONETARY SYSTEM OF THE UNITED STATES ILLUSTRATED.

|                 | Gold Coin.                                                      | Standard Silver Dollars.                       | Subsidiary Silver Coin.                                         | Minor Coin.                                                     |
|-----------------|-----------------------------------------------------------------|------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|
| Weight.....     | 25.8 grains to the dollar.                                      | 412.5 grains.                                  | 385.8 grains to the dollar.                                     | 5c. piece, 77 16 grains, 75 p. c. copper, 25 p. c. nickel.      |
| Fineness.....   | 900-1000.                                                       | 900-1000.                                      | 900-1000.                                                       | 1c. piece: 48 grains, 95 p. c. copper, 5 p. c. tin and zinc.    |
| Ratio to gold.. | Unlimited.                                                      | 15.928 to 1.                                   | 14.93 to 1.                                                     | Needs of the people.                                            |
| Limit of issue. | Unlimited.                                                      | Bullion on hand: est'm'd maximum, \$77,000,000 | \$100,000,000.                                                  |                                                                 |
| Denominations   | \$0, \$10, \$5, \$2½.                                           | \$1                                            | 50 cents, 25 cents, 10 cents.                                   | 5 cents, 1 cent.                                                |
| Legal tender..  | Unlimited.                                                      | Unlimited, unless otherwise contracted.        | Not to exceed \$10.                                             | Not to exceed 25 cents.                                         |
| Receiveable...  | For all public dues.                                            | For all public dues.                           | For all dues up to \$10.                                        | For all dues up to 25 cents.                                    |
| Exchangeable.   | For gold certificates, as below, and subsidiary and minor coin. | For silver certificates and smaller coin.      | For minor coin.                                                 | .....                                                           |
| Redeemable...   | .....                                                           | .....                                          | In "lawful money" at the Treasury in sums or multiples of \$20. | In "lawful money" at the Treasury in sums or multiples of \$20. |

|                 | Gold Certificates.                                                     | Silver Certificates.                    | United States Notes.                                                           | Treasury Notes of 1890.                                                          | National Bank Notes.                                                               |
|-----------------|------------------------------------------------------------------------|-----------------------------------------|--------------------------------------------------------------------------------|----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| Limit of issue. | Unlimited for gold coin unless gold reserve falls below \$100,000,000. | Quantity of silver dollars coined.      | \$346,681,016.                                                                 | No further issues; volume steadily diminishing by redemption with silver dollar. | Unlimited by law, except by volume of U.S. bonds necessary to deposit as security. |
| Denominations   | \$10,000, \$5,000, \$1,000, \$500.                                     | \$100, \$50, \$20, \$10, \$5, \$2, \$1. | \$1,000, \$500, \$100, \$50, \$20, \$10, \$5.                                  | \$1,000, \$100, \$50, \$20, \$10, \$5, \$2, \$1.                                 | \$1,000, \$500, \$100, \$50, \$20, \$10, \$5.                                      |
| Legal tender..  | Not a tender.                                                          | Not a tender.                           | For all debts, public and private, except customs and interest on public debt. | Unlimited, unless otherwise contracted.                                          | Not a tender.                                                                      |
| Receiveable...  | For all public dues.                                                   | For all public dues.                    | For all public dues.                                                           | For all public dues.                                                             | For all dues except customs.                                                       |
| Exchangeable..  | For subsidiary and minor coin.                                         | For silver and minor coin.              | For subsidiary and minor coin.                                                 | For silver and minor coin.                                                       | For subsidiary silver and minor coin.                                              |
| Redeemable...   | In gold coin at the Treasury.                                          | In silver dollars at the Treasury.      | In coin at the Treasury.                                                       | In coin at the Treasury.                                                         | In "lawful money" at the Treasury, or at bank of issue.                            |

"Lawful money" includes gold coin, silver dollars, United States notes, and Treasury notes. United States notes are by regulation receiveable for customs so long as they continue redeemable in coin. There are still in use small amount of \$1 and \$2 United States and national bank notes; also \$500 and \$1,000 silver certificates. Treasury notes were issued for purchases of silver bullion, which is being coined into dollars wherewith the notes are being redeemed as rapidly as practicable. The issue of national bank notes is practically dependent upon the market price of United States bonds; when the premium is high it is not profitable to issue notes.

The above table was prepared for THE WORLD ALMANAC by Maurice L. Muhleman, former Deputy Assistant United States Treasurer, New York.

## COINAGE OF THE MINTS OF THE UNITED STATES FROM THEIR ORGANIZATION, 1792, TO JUNE 30, 1902.

| DENOMINATIONS.                                                                                                 | Pieces.      | Values.            | DENOMINATIONS.                                                                   | Pieces.          | Values.            |
|----------------------------------------------------------------------------------------------------------------|--------------|--------------------|----------------------------------------------------------------------------------|------------------|--------------------|
| <b>GOLD.</b>                                                                                                   |              |                    | <b>Dimes</b> .....                                                               |                  |                    |
| Double eagles.....                                                                                             | 81,433,422   | \$1,628,668,640.00 | Half dimes (coinage discontinued, act of February 12, 1873).....                 | 410,471,219      | \$41,047,121.90    |
| Eagles.....                                                                                                    | 86,609,847   | 866,098,470.00     | Three-cent pieces (coinage discontinued, act of Feb. 12, 1873).....              | 97,504,388       | 4,880,219.40       |
| Half eagles.....                                                                                               | 56,764,065   | 283,820,325.00     | Total silver.....                                                                | 42,736,240       | 1,922,087.20       |
| Three-dollar pieces (coinage discontinued under act of September 26, 1890).....                                | 539,792      | 1,619,376.00       | 1,736,628,993                                                                    | \$861,658,027.50 |                    |
| Quarter eagles.....                                                                                            | 11,771,301   | 29,428,252.50      | <b>MINOR.</b>                                                                    |                  |                    |
| Dollars (coinage discontinued under act of September 26, 1890).....                                            | 19,499,337   | 19,499,337.00      | Five cent pieces, nickel.....                                                    | 417,527,054      | \$20,876,352.70    |
| Total gold.....                                                                                                | 206,617,774  | \$2,328,134,400.50 | Three-cent pieces, nickel (coinage discontinued, act of September 26, 1890)..... | 31,378,316       | 941,349.48         |
| <b>SILVER.</b>                                                                                                 |              |                    | Two-cent pieces, bronze (coinage discontinued, act of February 12, 1873).....    | 45,601,000       | 912,020.00         |
| Dollars (coinage discontinued under act of February 12, 1873, and resumed under act of February 28, 1878)..... | *560,229,103 | \$550,229,103.00   | One-cent pieces, copper (coinage discontinued, act of February 21, 1857).....    | 156,228,744      | 1,562,887.44       |
| Trade dollars (coinage discontinued under act of February 19, 1887).....                                       | 35,966,924   | 36,966,924.00      | One-cent pieces, nickel (coinage discontinued, act of April 22, 1854).....       | 900,772,000      | 2,007,720.00       |
| Dollars (Lafayette souvenir, act of March 3, 1859).....                                                        | 50,026       | 50,026.00          | One-cent pieces, bronze.....                                                     | 1,160,301,824    | 11,603,018.24      |
| Half dollars.....                                                                                              | 308,090,986  | 154,045,493.00     | Half-cent pieces, copper (coinage discontinued, act of February 21, 1857).....   | 7,985,222        | 39,926.11          |
| Half dollars (Columb'n souvenir).....                                                                          | 5,002,105    | 2,501,052.50       | Total minor.....                                                                 | 2,019,854,160    | \$37,943,273.97    |
| Quarter dollars.....                                                                                           | 286,083,979  | 11,270,994.75      | Total coinage.....                                                               | 3,963,000,927    | \$3,227,630,701.97 |
| Quarter dollars (Col'b'n souvenir).....                                                                        | 40,023       | 10,005.75          |                                                                                  |                  |                    |
| Twenty-cent pieces (coinage discontinued, act of May 2, 1878).....                                             | 1,355,000    | 271,000.00         |                                                                                  |                  |                    |

\* Silver-dollar coinage under acts of April 2, 1792, \$8,031,235; February 28, 1878, \$378,166,793; July 14, 1890, \$158,952,600; March 3, 1891, \$5,076,472; total, \$550,229,103.

The Bankruptcy Law.

EXTRACTS FROM THE UNITED STATES BANKRUPTCY ACT OF JULY 1, 1898.

SEC. 4. WHO MAY BECOME BANKRUPTS.—(a) Any person who owes debts, except a corporation, shall be entitled to the benefits of this act as a voluntary bankrupt.

(b) Any natural person (except a wage-earner or a person engaged chiefly in farming or the tillage of the soil), any unincorporated company, and any corporation engaged principally in manufacturing, trading, printing, publishing, or mercantile pursuits, owing debts to the amount of one thousand dollars or over, may be adjudged an involuntary bankrupt upon default or an impartial trial, and shall be subject to the provisions and entitled to the benefits of this act. Private bankers, but not national banks or banks incorporated under State or Territorial laws, may be adjudged involuntary bankrupts.

SEC. 7. DUTIES OF BANKRUPTS.—(a) The bankrupt shall (1) attend the first meeting of his creditors, if directed by the court or a judge thereof to do so, and the hearing upon his application for a discharge, if filed; (2) comply with all lawful orders of the court; (3) examine the correctness of all proofs of claims filed against his estate; (4) execute and deliver such papers as shall be ordered by the court; (5) execute to his trustee transfers of all his property in foreign countries; (6) immediately inform his trustee of any attempt, by his creditors or other persons, to evade the provisions of this act, coming to his knowledge; (7) in case of any person having to his knowledge proved a false claim against his estate, disclose that fact immediately to his trustee; (8) prepare, make oath to, and file in court within ten days, unless further time is granted, after the adjudication if an involuntary bankrupt, and with the petition if a voluntary bankrupt, a schedule of his property, showing the amount and kind of property, the location thereof, its money value in detail, and a list of his creditors, showing their residences, if known (if unknown that fact to be stated), the amount due each of them, the consideration thereof, the security held by them, if any, and a claim for such exemptions as he may be entitled to, all in triplicate, one copy of each for the clerk, one for the referee, and one for the trustee; and (9) when present at the first meeting of his creditors, and at such other times as the court shall order, submit to an examination concerning the conducting of his business, the cause of his bankruptcy, his dealings with his creditors and other persons, the amount, kind, and whereabouts of his property, and, in addition, all matters which may affect the administration and settlement of his estate; but no testimony given by him shall be offered in evidence against him in any criminal proceedings.

Provided, however, that he shall not be required to attend a meeting of his creditors, or at or for an examination at a place more than one hundred and fifty miles distant from his home or principal place of business, or to examine claims except when presented to him, unless ordered by the court, or a judge thereof, for cause shown, and the bankrupt shall be paid his actual expenses from the estate when examined or required to attend at any place other than the city, town, or village of his residence.

FAILURES IN THE UNITED STATES.

|                                   | NUMBER.* |       | LIABILITIES.* |              | YEARLY FAILURES. |        |              |
|-----------------------------------|----------|-------|---------------|--------------|------------------|--------|--------------|
|                                   | 1902.    | 1901. | 1902.         | 1901.        | Year.            | No.    | Liabilities. |
| <b>MANUFACTURERS.</b>             |          |       |               |              | 1859...          | 3,913  | \$64,394,000 |
| Iron, foundries, and nails.....   | 32       | 31    | \$835,734     | \$1,643,685  | 1860.....        | 3,676  | 79,807,000   |
| Machinery and tools.....          | 120      | 112   | 2,443,535     | 2,761,051    | 1861.....        | 6,993  | 207,210,000  |
| Woolens, carpets, and knit goods. | 27       | 31    | 1,222,394     | 1,218,522    | 1862.....        | 1,652  | 23,049,000   |
| Cottons, lace, and hosiery.....   | 17       | 15    | 403,038       | 1,552,914    | 1863.....        | 495    | 7,899,900    |
| Lumber, carpenters, and coopers.. | 311      | 267   | 4,267,251     | 6,438,702    | 1864.....        | 520    | 8,579,000    |
| Clothing and millinery.....       | 357      | 315   | 4,519,161     | 3,763,894    | 1865.....        | 530    | 17,625,000   |
| Hats, gloves, and furs.....       | 26       | 31    | 187,450       | 593,949      | 1866.....        | 1,505  | 53,783,000   |
| Chemicals, drugs, and paints..... | 56       | 39    | 853,971       | 1,467,381    | 1867.....        | 2,780  | 96,666,000   |
| Printing and engraving.....       | 134      | 107   | 2,424,771     | 1,216,768    | 1868.....        | 2,608  | 63,694,000   |
| Milling and bakers.....           | 154      | 131   | 757,306       | 778,989      | 1869.....        | 2,799  | 75,054,054   |
| Leather, shoes, and harness.....  | 100      | 102   | 2,124,701     | 2,111,611    | 1870.....        | 3,546  | 88,342,000   |
| Liquors and tobacco.....          | 97       | 94    | 2,175,690     | 1,979,814    | 1871.....        | 2,915  | 85,252,000   |
| Glass, earthenware, and bricks    | 16       | 26    | 148,366       | 927,545      | 1872.....        | 4,069  | 121,056,000  |
| All other.....                    | 865      | 710   | 16,771,027    | 10,840,893   | 1873.....        | 5,183  | 228,499,900  |
| Total manufacturing.....          | 2,312    | 2,011 | \$39,134,375  | \$37,295,718 | 1874.....        | 5,830  | 155,239,000  |
|                                   |          |       |               |              | 1875.....        | 7,740  | 201,000,000  |
|                                   |          |       |               |              | 1876.....        | 9,092  | 191,117,000  |
|                                   |          |       |               |              | 1877.....        | 8,872  | 190,689,936  |
|                                   |          |       |               |              | 1878.....        | 10,478 | 234,383,132  |
|                                   |          |       |               |              | 1879.....        | 6,658  | 98,149,053   |
| <b>TRADERS.</b>                   |          |       |               |              | 1880.....        | 4,735  | 65,752,000   |
| General stores.....               | 1,351    | 1,057 | \$8,581,652   | \$5,875,019  | 1881.....        | 5,582  | 81,555,932   |
| Groceries, meats, and fish.....   | 1,874    | 1,674 | 5,654,002     | 2,816,319    | 1882.....        | 6,738  | 101,547,564  |
| Hotels and restaurants.....       | 300      | 328   | 982,155       | 3,426,038    | 1883.....        | 9,184  | 173,874,172  |
| Liquors and tobacco.....          | 753      | 710   | 3,615,612     | 4,474,341    | 1884.....        | 10,968 | 226,343,427  |
| Clothing and furnishing.....      | 519      | 536   | 4,474,341     | 3,574,613    | 1885.....        | 10,637 | 124,220,321  |
| Dry goods and carpets.....        | 357      | 325   | 3,941,110     | 4,040,284    | 1886.....        | 9,834  | 114,644,119  |
| Shoes, rubbers, and trunks.....   | 249      | 238   | 1,661,958     | 1,510,736    | 1887.....        | 9,634  | 167,560,944  |
| Furniture and crockery.....       | 146      | 144   | 1,074,680     | 1,197,536    | 1888.....        | 10,679 | 123,829,973  |
| Hardware, stoves, and tools.....  | 229      | 235   | 1,546,892     | 3,128,853    | 1889.....        | 10,882 | 148,784,337  |
| Drugs and paints.....             | 287      | 273   | 1,655,383     | 992,444      | 1890.....        | 10,907 | 189,856,964  |
| Jewelry and clocks.....           | 156      | 134   | 1,815,109     | 989,372      | 1891.....        | 12,273 | 189,868,638  |
| Books and papers.....             | 55       | 52    | 312,601       | 409,094      | 1892.....        | 10,344 | 114,044,167  |
| Hats, furs, and gloves.....       | 22       | 22    | 186,673       | 170,723      | 1893.....        | 15,242 | 346,779,889  |
| All other.....                    | 701      | 724   | 8,874,304     | 7,112,317    | 1894.....        | 13,885 | 172,982,856  |
| Total trading.....                | 6,799    | 6,452 | \$45,376,472  | \$40,682,299 | 1895.....        | 13,197 | 173,196,060  |
|                                   |          |       |               |              | 1896.....        | 15,088 | 226,096,834  |
| Brokers and transporters.....     | 528      | 484   | 11,747,547    | 13,313,472   | 1897.....        | 13,351 | 154,332,071  |
|                                   |          |       |               |              | 1898.....        | 12,186 | 130,662,899  |
| Total commercial.....             | 9,639    | 8,947 | \$96,258,394  | \$91,241,489 | 1899.....        | 9,337  | 90,879,889   |
|                                   |          |       |               |              | 1900.....        | 10,774 | 138,495,673  |
| Banking.....                      | 57       | 66    | \$31,459,574  | \$17,372,331 | 1901.....        | 11,002 | 113,092,376  |

\* Ten months to October 31. Other years calendar years. These statistics were prepared for THE WORLD ALMANAC by R. G. Dun & Co.

**Stock List and Prices of Leading Stocks in 1902.**

OUTSTANDING STOCK, BONDED INDEBTEDNESS, AND MILEAGE. (SEE ALSO PAGE 13.)  
HIGHEST AND LOWEST PRICES ON THE NEW YORK STOCK EXCHANGE IN 1901 AND 1902.

| Stocks.                                        | Stock Outstanding. | Bonds Outstanding. | Rate Per Ct. Last Div.(a) | Date Payment Last Dividend Declared.(a) | Highest and Lowest, 1901. | Highest and Lowest, 1902.(a) |
|------------------------------------------------|--------------------|--------------------|---------------------------|-----------------------------------------|---------------------------|------------------------------|
| Adams Express.....                             | \$12,000,000       | \$12,000,000       | 4                         | June 2, 1902                            | 202 140                   | 240 198                      |
| Amalgamated Copper.....                        | 153,887,900        | .....              | 2 1/2                     | Nov. 24, 1902                           | 130 60 1/2                | 79 53                        |
| American Beet Sugar.....                       | 15,000,000         | .....              | .....                     | .....                                   | 30 24                     | 30 30                        |
| American Beet Sugar pfd. *                     | 4,000,000          | .....              | 1 1/2                     | Oct. 2, 1902                            | 79 77                     | .....                        |
| American Bicycle.....                          | 17,701,590         | 9,500,000          | .....                     | .....                                   | 8 1/4 1 1/2               | 8 1/2 7 1/2                  |
| American Bicycle pfd.....                      | 9,294,900          | .....              | .....                     | .....                                   | 35 10                     | 26 1/2 5                     |
| American Car & Foundry.....                    | 30,000,000         | .....              | 1 1/2                     | Nov. 1, 1902                            | 35 19                     | 37 1/2 28 1/4                |
| American Car & Foundry pfd.....                | 30,000,000         | .....              | 1 1/2                     | Nov. 1, 1902                            | 89 1/4 67                 | 93 1/2 85 1/4                |
| American Cotton Oil.....                       | 20,237,100         | 3,000,000          | 3                         | Dec. 2, 1901                            | 35 1/2 24                 | 57 1/2 30 1/2                |
| American Cotton Oil pfd.....                   | 10,138,600         | .....              | 3                         | June 2, 1902                            | 91 1/2 84                 | 99 1/2 86                    |
| American District Telegraph.....               | 3,844,700          | .....              | 1                         | Nov. 15, 1902                           | 40 32                     | 42 1/2 32 1/2                |
| American Express.....                          | 18,000,000         | .....              | 1 1/4                     | July 1, 1902                            | 210 169                   | 265 209                      |
| American Hide & Leather.....                   | 11,274,100         | 8,375,000          | .....                     | .....                                   | .....                     | 1 3/4 1 1/2                  |
| American Hide & Leather pfd.....               | 12,548,300         | .....              | .....                     | .....                                   | .....                     | 4 1/2 3 1/2                  |
| American Ice.....                              | 25,000,000         | 4,940,000          | 1                         | Feb. 15, 1902                           | 41 1/2 25 1/2             | 31 1/2 29 1/2                |
| American Ice pfd. *                            | 15,000,000         | .....              | 1 1/2                     | Apr. 15, 1902                           | 77 1/2 62                 | 67 1/2 32                    |
| American Lined.....                            | 16,750,000         | .....              | .....                     | .....                                   | .....                     | 5 1/2 2 1/2                  |
| American Lined pfd. *                          | 16,750,000         | .....              | 1 1/2                     | Sept. 15, 1900                          | 66 31                     | 58 41                        |
| American Locomotive.....                       | 25,000,000         | .....              | .....                     | .....                                   | .....                     | 33 1/2 22 1/2                |
| American Locomotive pfd. *                     | 24,000,000         | .....              | 1 1/2                     | Oct. 21, 1902                           | 91 1/2 83 1/2             | 100 1/2 89                   |
| American Smelting & Refining.....              | 50,000,000         | 991,000            | 1 1/2                     | Oct. 2, 1902                            | 153 103 1/2               | 135 1/2 113                  |
| American Smelting & Refining pfd. *            | 50,000,000         | .....              | 1 1/2                     | Oct. 7, 1902                            | 104 1/2 88                | 100 1/2 91                   |
| American Sugar Refining.....                   | 45,000,000         | .....              | 1 1/2                     | Oct. 2, 1902                            | 130 111                   | 122 115                      |
| American Sugar Refining pfd. *                 | 45,000,000         | .....              | 1 1/2                     | Sept. 1, 1902                           | 100 94                    | 96 84                        |
| American Telegraph & Cable.....                | 14,000,000         | .....              | .....                     | .....                                   | .....                     | 157 1/2 149                  |
| American Telephone & Telegraph.....            | 114,946,500        | 28,000,000         | 1 1/2                     | Oct. 15, 1902                           | 167 1/2 157 1/2           | 189 157 1/2                  |
| American Tobacco pfd.....                      | 14,000,000         | .....              | 2                         | Nov. 1, 1902                            | 150 137                   | 151 1/2 140                  |
| American Woolen.....                           | 29,501,100         | .....              | .....                     | .....                                   | 21 1/2 13 1/2             | 17 1/2 13                    |
| American Woolen pfd. *                         | 30,000,000         | .....              | 1 1/2                     | Oct. 15, 1902                           | 82 1/2 70                 | 80 1/2 73                    |
| Anacoda Copper Mining.....                     | 30,000,000         | .....              | 2 1/2                     | Nov. 13, 1902                           | 217 113                   | 146 83                       |
| Atchison, Topeka & Santa Fe.....               | 103,000,000        | 225,076,500        | 2 1/2                     | Dec. 1, 1902                            | 91 41 1/4                 | 96 1/2 74 1/2                |
| Atchison, Topeka & Santa Fe pfd.....           | 114,192,500        | .....              | 2 1/2                     | Aug. 1, 1902                            | 108 70                    | 109 1/2 95 1/2               |
| Baltimore & Ohio.....                          | 124,146,100        | .....              | 2 1/2                     | Sept. 2, 1902                           | 114 1/2 81 1/2            | 118 1/2 95 1/2               |
| Baltimore & Ohio pfd.....                      | 60,000,000         | 221,851,500        | 2 1/2                     | Sept. 2, 1902                           | 97 83 1/2                 | 99 92 1/2                    |
| Baltimore & Ohio rpts, 50 per cent paid        | .....              | .....              | .....                     | .....                                   | .....                     | 108 1/2 98 1/2               |
| Beech Creek.....                               | 5,685,000          | 5,500,000          | 1                         | Oct. 1, 1902                            | .....                     | 104 104                      |
| Boston & New York Air Line pfd.....            | 1,425,000          | 500,000            | 2                         | July 1, 1902                            | .....                     | 103 1/2 108                  |
| Brooklyn Rapid Transit.....                    | 45,000,000         | 161,065,000        | .....                     | .....                                   | 88 1/2 55 1/2             | 72 1/2 54 1/2                |
| Brooklyn Union Gas.....                        | 15,000,000         | 15,000,000         | 2                         | Sept. 2, 1902                           | 225 175                   | 253 210                      |
| Brunswick City Dock & Improvement.....         | 5,000,000          | .....              | .....                     | .....                                   | 149 1/2 83 1/2            | 145 1/2 94 1/2               |
| Buffalo, Rochester & Pittsburgh.....           | 7,000,000          | 13,377,000         | 2                         | Aug. 15, 1902                           | 123 75                    | 128 110                      |
| Buffalo, Rochester & Pittsburgh pfd.....       | 6,000,000          | .....              | 3                         | Aug. 15, 1902                           | 146 116                   | 143 139                      |
| Burlington, Cedar Rapids & Northern.....       | 7,150,000          | 16,208,000         | 1 3/4                     | Feb. 1, 1902                            | 136 120                   | 230 139                      |
| Canada Southern.....                           | 15,000,000         | 20,000,000         | 1                         | Aug. 1, 1902                            | 89 54 1/2                 | 97 80                        |
| Canadian Pacific.....                          | 84,500,000         | 107,607,168        | 2 1/2                     | Oct. 1, 1902                            | 117 1/2 87                | 145 1/2 112 1/2              |
| Canadian Pacific cts, of sub., 3d in. paid     | .....              | .....              | .....                     | .....                                   | .....                     | 144 1/2 122                  |
| Chesapeake & Ohio.....                         | 60,541,100         | 70,938,354         | 1 1/2                     | Nov. 26, 1902                           | 52 1/2 29                 | 57 1/2 43                    |
| Chicago, Burlington & Quincy.....              | 110,735,000        | 150,064,000        | 1 1/2                     | Oct. 1, 1902                            | 193 1/2 138 1/2           | 205 191                      |
| Chicago Great Western.....                     | 23,383,395         | .....              | .....                     | .....                                   | 27 16                     | 35 23 1/2                    |
| Chicago Great Western deb.....                 | 26,327,000         | .....              | 2                         | July 15, 1902                           | 94 1/2 90                 | 95 1/2 89 1/2                |
| Chicago Great Western pfd. "A".....            | 11,372,400         | .....              | 2 1/2                     | July 31, 1902                           | 90 1/2 75                 | 90 1/2 81 1/2                |
| Chicago Great Western pfd. "B".....            | 9,489,190          | .....              | .....                     | .....                                   | 56 41                     | 51 1/2 32                    |
| Chicago, Indianapolis & Louisville.....        | 10,500,000         | 13,842,000         | 1                         | May 29, 1902                            | 52 1/2 23                 | 80 49 1/2                    |
| Chicago, Indianapolis & Louisville pfd.....    | 5,000,000          | .....              | 2                         | Apr. 29, 1902                           | 77 1/2 59 1/2             | 91 1/2 75                    |
| Chicago, Milwaukee & St. Paul.....             | 58,183,900         | 126,940,500        | 1 1/2                     | Oct. 28, 1902                           | 188 134                   | 198 1/2 160 1/2              |
| Chicago, Milwaukee & St. Paul pfd.....         | 46,682,400         | .....              | 3 1/4                     | Oct. 28, 1902                           | 200 175                   | 206 1/2 186                  |
| Chicago, Rock Island & Pacific.....            | 71,119,400         | 95,601,000         | 1 1/2                     | Nov. 1, 1902                            | 173 116 1/2               | 207 152                      |
| Chicago, St. P., Minn. & Omaha.....            | 11,855,000         | 25,831,000         | 3                         | Aug. 20, 1902                           | 147 124                   | 170 1/2 140                  |
| Chicago, St. P., Minn. & Omaha pfd.....        | 11,256,800         | .....              | 3 1/2                     | Aug. 20, 1902                           | 201 180                   | 210 195                      |
| Chicago Terminal Transfer.....                 | 13,000,000         | .....              | .....                     | .....                                   | 31 10 1/2                 | 24 1/2 15 1/2                |
| Chicago Terminal Transfer pfd.....             | 17,000,000         | 14,679,000         | .....                     | .....                                   | 57 1/2 28 1/2             | 44 30 1/2                    |
| Chicago Union Traction.....                    | 20,000,000         | .....              | .....                     | .....                                   | 20 1/2 10 1/2             | 23 10 1/2                    |
| Chicago Union Traction pfd.....                | 12,000,000         | 138,674,000        | 1 1/2                     | Oct. 25, 1900                           | 60 54 1/2                 | 60 44 1/2                    |
| Chicago & Alton.....                           | 19,542,800         | 22,000,000         | .....                     | .....                                   | 50 1/2 27                 | 45 1/2 30                    |
| Chicago & Alton pfd.....                       | 19,544,000         | .....              | 2                         | July 1, 1902                            | 82 1/2 72 1/2             | 79 68                        |
| Chicago & East Illinois.....                   | 7,217,800          | 23,919,000         | 3                         | July 1, 1902                            | 140 91                    | 220 134 1/2                  |
| Chicago & East Illinois pfd.....               | 6,830,700          | .....              | 1 1/2                     | Oct. 1, 1902                            | 136 120 1/2               | 151 136 1/2                  |
| Chicago & Northwestern.....                    | 39,114,600         | 145,828,000        | 1 1/2                     | July 1, 1902                            | 215 168 1/2               | 271 204 1/2                  |
| Chicago & Northwestern pfd.....                | 22,395,120         | .....              | 2                         | Oct. 1, 1902                            | 248 207                   | 274 230                      |
| Cleveland, Cincinnati, Chic. & St. L.....      | 27,989,310         | 58,183,730         | 2                         | Sept. 2, 1902                           | 101 73                    | 108 1/2 93                   |
| Cleveland, Cincinnati, Chic. & St. L. pfd..... | 10,000,000         | .....              | 1 1/2                     | Oct. 20, 1902                           | 124 114                   | 124 1/2 118                  |
| Cleveland, Lorain & Wheeling.....              | 8,000,000          | 6,843,000          | .....                     | .....                                   | 42 1/2 27 1/2             | 44 35                        |
| Cleveland, Lorain & Wheeling pfd.....          | 5,000,000          | .....              | 1 1/2                     | Oct. 2, 1896                            | 82 67                     | 99 77 1/2                    |
| Cleveland & Pittsburgh.....                    | 11,247,550         | 9,713,000          | 1 1/2                     | Sept. 1, 1902                           | 195 189                   | 192 192                      |
| Colorado Fuel & Iron.....                      | 33,931,000         | 16,030,000         | 1 1/2                     | Apr. 15, 1902                           | 136 1/2 41 1/2            | 110 1/2 79 1/2               |
| Colorado Fuel & Iron pfd.....                  | 2,000,000          | .....              | 2                         | Aug. 20, 1902                           | 142 116                   | 140 130                      |



Stock List and Prices of Leading Stocks in 1902.

STOCK LIST AND PRICES OF LEADING STOCKS IN 1902—Continued.

| STOCKS.                                        | Stock Outstanding. | Bonded Indebtedness. | Rate Per Ct. Last Div. (a)    | Date Pay-ment Last Dividend Declared. (a) |                               | 1901.                                                           | Highest and Lowest, 1902. (a)       |                                   |
|------------------------------------------------|--------------------|----------------------|-------------------------------|-------------------------------------------|-------------------------------|-----------------------------------------------------------------|-------------------------------------|-----------------------------------|
|                                                |                    |                      |                               | Highest and Lowest, 1901.                 | Highest and Lowest, 1902. (a) |                                                                 |                                     |                                   |
| Colorado & Southern.....                       | \$30,995,000       |                      |                               |                                           |                               | 18 6 <sup>5</sup> / <sub>8</sub>                                | 35 <sup>3</sup> / <sub>4</sub>      | 14 <sup>1</sup> / <sub>2</sub>    |
| Colorado & Southern 1st pfd.....               | 8,500,000          | \$13,203,000         | 2                             | Oct. 1, 1902                              |                               | 60 40                                                           | 79 <sup>1</sup> / <sub>2</sub>      | 59 <sup>3</sup> / <sub>4</sub>    |
| Colorado & Southern 2d pfd.....                | 8,500,000          |                      |                               |                                           |                               | 28 <sup>3</sup> / <sub>4</sub>                                  | 16 <sup>1</sup> / <sub>2</sub>      | 53 <sup>3</sup> / <sub>4</sub>    |
| Columbus & Hocking Coal & Iron.....            | 7,000,000          | 859,000              | <sup>1</sup> / <sub>2</sub>   | Dec. 1, 1902                              |                               | 25 <sup>1</sup> / <sub>2</sub>                                  | 14 <sup>3</sup> / <sub>4</sub>      | 24 <sup>1</sup> / <sub>2</sub>    |
| Commercial Cable.....                          | 13,333,300         | 20,000,000           | 1 <sup>3</sup> / <sub>4</sub> | Feb. 1, 1902                              |                               | 190 165                                                         | 180                                 | 143 <sup>3</sup> / <sub>4</sub>   |
| Consolidation Coal.....                        | 10,250,000         | 508,000              | 2 <sup>1</sup> / <sub>2</sub> | Feb. 1, 1902                              |                               | 78 66 <sup>1</sup> / <sub>2</sub>                               | 85 80                               |                                   |
| Consolidated Gas.....                          | 73,177,100         | 1,461,000            | 2                             | Sept. 15, 1902                            |                               | 238 186 <sup>3</sup> / <sub>4</sub>                             | 230 <sup>1</sup> / <sub>2</sub>     | 211                               |
| Continental Tobacco pfd.....                   | 48,844,600         |                      | 1 <sup>3</sup> / <sub>4</sub> | Oct. 2, 1902                              |                               | 124 93 <sup>3</sup> / <sub>4</sub>                              | 126 <sup>1</sup> / <sub>2</sub>     | 115                               |
| Corn Products.....                             | 44,514,425         |                      |                               |                                           |                               |                                                                 | 35 <sup>1</sup> / <sub>2</sub>      | 26 <sup>3</sup> / <sub>4</sub>    |
| Corn Products pfd.....                         | 27,085,290         |                      | 1 <sup>3</sup> / <sub>4</sub> | Oct. 10, 1902                             |                               |                                                                 | 90 80                               |                                   |
| Crucible Steel.....                            | 25,000,000         |                      |                               |                                           |                               |                                                                 | 24 24 <sup>1</sup> / <sub>2</sub>   | 21 <sup>3</sup> / <sub>4</sub>    |
| Crucible Steel pfd.....                        | 25,000,000         |                      | 1 <sup>3</sup> / <sub>4</sub> | Sept. 29, 1902                            |                               | 27 <sup>3</sup> / <sub>8</sub>                                  | 81 <sup>1</sup> / <sub>2</sub>      | 87 81 <sup>3</sup> / <sub>4</sub> |
| Delaware, Lackawanna & Western.....            | 26,200,000         | 3,067,000            | 1 <sup>3</sup> / <sub>4</sub> | Oct. 20, 1902                             |                               | 255 188 <sup>3</sup> / <sub>4</sub>                             | 297 231                             |                                   |
| Delaware & Hudson.....                         | 34,507,100         | 8,350,000            | 1 <sup>3</sup> / <sub>4</sub> | Sept. 15, 1902                            |                               | 185 <sup>1</sup> / <sub>2</sub> 105                             | 184 <sup>1</sup> / <sub>2</sub>     | 153                               |
| Denver & Rio Grande.....                       | 38,000,000         | 45,619,500           |                               |                                           |                               | 53 <sup>1</sup> / <sub>2</sub> 29 <sup>1</sup> / <sub>2</sub>   | 51 <sup>3</sup> / <sub>4</sub>      | 33 <sup>3</sup> / <sub>4</sub>    |
| Denver & Rio Grande pfd.....                   | 44,400,000         |                      | 2 <sup>1</sup> / <sub>2</sub> | July 15, 1902                             |                               | 103 <sup>3</sup> / <sub>4</sub> 80                              | 96 <sup>3</sup> / <sub>4</sub>      | 88 <sup>1</sup> / <sub>2</sub>    |
| Denver & Southwestern.....                     | 3,000,000          | 4,923,000            | 1 <sup>1</sup> / <sub>2</sub> | Feb. 20, 1902                             |                               | 71 49                                                           | 71 40                               |                                   |
| Denver & Southwestern pfd.....                 | 2,000,000          |                      | 1 <sup>3</sup> / <sub>4</sub> | Feb. 20, 1902                             |                               | 69 69                                                           | 64 49                               |                                   |
| Des Moines & Fort Dodge.....                   | 4,283,100          |                      |                               |                                           |                               | 45 18                                                           | 53 <sup>1</sup> / <sub>2</sub>      | 38 <sup>3</sup> / <sub>4</sub>    |
| Des Moines & Fort Dodge pfd.....               | 763,500            | 3,073,000            | 7                             | Aug. 1, 1902                              |                               | 130 123                                                         | 50 130                              |                                   |
| Detroit Southern.....                          | 10,487,000         | 7,417,000            |                               |                                           |                               | 17 14 <sup>1</sup> / <sub>2</sub>                               | 125 13                              |                                   |
| Detroit Southern pfd.....                      | 6,540,000          |                      |                               |                                           |                               | 40 <sup>1</sup> / <sub>2</sub> 36                               | 48 <sup>3</sup> / <sub>4</sub>      | 33                                |
| Detroit United Railway.....                    | 12,500,000         | 15,795,000           | 1                             | Oct. 1, 1902                              |                               | 83 75                                                           | 97 75                               |                                   |
| Diamond Match.....                             | 15,000,000         |                      |                               |                                           |                               | 132 <sup>1</sup> / <sub>2</sub> 127 <sup>1</sup> / <sub>2</sub> | 40                                  | 130 <sup>1</sup> / <sub>2</sub>   |
| Distilling Co. of America Tr. cfs. *.....      | 44,576,117         |                      | 2 <sup>1</sup> / <sub>2</sub> | Sept. 12, 1902                            |                               | 153 <sup>1</sup> / <sub>2</sub> 67 <sup>1</sup> / <sub>2</sub>  |                                     |                                   |
| Distilling Co. of America pfd. Tr. cfs. *..... | 29,502,973         | 3,580,000            | 1                             | Jan. 15, 1903                             |                               | 34 <sup>1</sup> / <sub>2</sub> 23 <sup>3</sup> / <sub>4</sub>   | 42 <sup>3</sup> / <sub>4</sub>      | 51 <sup>3</sup> / <sub>4</sub>    |
| Duluth, South Shore & Atlantic *.....          | 12,000,000         |                      |                               |                                           |                               | 13 5                                                            | 34 34                               |                                   |
| Duluth, South Shore & Atlantic pfd. *.....     | 10,000,000         | 20,000,000           |                               |                                           |                               | 22 <sup>1</sup> / <sub>2</sub> 13 <sup>1</sup> / <sub>2</sub>   | 35 <sup>3</sup> / <sub>4</sub>      | 18 <sup>5</sup> / <sub>8</sub>    |
| Erie.....                                      | 112,378,900        |                      |                               |                                           |                               | 75 24 <sup>3</sup> / <sub>8</sub>                               | 73 <sup>1</sup> / <sub>2</sub>      | 63 <sup>1</sup> / <sub>2</sub>    |
| Erie 1st pfd.....                              | 47,892,000         | 175,904,100          | 1 <sup>1</sup> / <sub>2</sub> | Aug. 30, 1902                             |                               | 43 39                                                           | 73 <sup>1</sup> / <sub>2</sub>      | 63 <sup>1</sup> / <sub>2</sub>    |
| Erie 2d pfd.....                               | 16,000,000         |                      |                               |                                           |                               | 5 24                                                            | 63 <sup>1</sup> / <sub>2</sub>      | 40 <sup>1</sup> / <sub>2</sub>    |
| Evansville & Terre Haute.....                  | 4,000,000          | 6,078,000            | 1 <sup>1</sup> / <sub>2</sub> | May, 1901                                 |                               | 63 61                                                           | 74 <sup>1</sup> / <sub>2</sub>      | 59                                |
| Evansville & Terre Haute pfd.....              | 1,284,000          |                      | 2 <sup>1</sup> / <sub>2</sub> | Oct. 15, 1902                             |                               | 95 81                                                           | 43 <sup>1</sup> / <sub>2</sub>      | 83                                |
| Fort Worth & Denver City *.....                | 6,820,000          | 8,176,000            | 2 <sup>1</sup> / <sub>2</sub> | Apr. 15, 1902                             |                               | 36 17                                                           | 166 29                              |                                   |
| General Chemical.....                          | 7,410,300          |                      | 1                             | Sept. 2, 1902                             |                               |                                                                 |                                     | 67 <sup>3</sup> / <sub>4</sub>    |
| General Chemical pfd.....                      | 9,416,000          |                      | 1 <sup>1</sup> / <sub>2</sub> | Oct. 1, 1902                              |                               |                                                                 |                                     | 03 98 <sup>1</sup> / <sub>2</sub> |
| General Electric.....                          | 42,031,000         | 118,000              | 2 <sup>1</sup> / <sub>2</sub> | Oct. 15, 1902                             |                               | 289 <sup>1</sup> / <sub>2</sub> 183 <sup>1</sup> / <sub>2</sub> | 134 170                             |                                   |
| Geo. A. Fuller cfs. of dep.....                | 10,000,000         |                      |                               |                                           |                               |                                                                 | 364 40                              |                                   |
| Geo. A. Fuller pfd. cfs. of dep.....           | 5,000,000          |                      | 1 <sup>3</sup> / <sub>4</sub> | Oct. 1, 1902                              |                               |                                                                 | 108 <sup>3</sup> / <sub>4</sub>     | 92 <sup>1</sup> / <sub>2</sub>    |
| Great Northern pfd.....                        | 123,852,900        |                      | 1 <sup>3</sup> / <sub>4</sub> | Nov. 1, 1902                              |                               | 208 67 <sup>1</sup> / <sub>2</sub>                              | 202 <sup>1</sup> / <sub>2</sub>     | 181 <sup>3</sup> / <sub>4</sub>   |
| Green Bay & Western.....                       | 2,500,000          | 7,600,000            | 4                             | Feb. 1, 1902                              |                               | 59 <sup>1</sup> / <sub>2</sub> 150                              | 84 <sup>1</sup> / <sub>2</sub>      | 75                                |
| Hocking Valley.....                            | 11,000,000         |                      | 1 <sup>1</sup> / <sub>2</sub> | July 19, 1902                             |                               | 75 <sup>1</sup> / <sub>2</sub> 40 <sup>1</sup> / <sub>2</sub>   | 100 66 <sup>1</sup> / <sub>2</sub>  |                                   |
| Hocking Valley pfd.....                        | 15,000,000         | 16,722,000           | 2                             | July 19, 1902                             |                               | 88 <sup>3</sup> / <sub>4</sub> 68 <sup>1</sup> / <sub>2</sub>   | 97 <sup>1</sup> / <sub>2</sub>      | 81 <sup>1</sup> / <sub>2</sub>    |
| H. B. Claffin.....                             | 3,829,100          |                      | 2                             | Oct. 15, 1902                             |                               | 112 10 0                                                        | 102 100                             |                                   |
| Illinois Central.....                          | 79,200,000         | 112,563,925          | 3                             | Aug. 30, 1902                             |                               | 154 <sup>1</sup> / <sub>2</sub> 124                             | 173 <sup>1</sup> / <sub>2</sub>     | 137                               |
| Illinois Central rights.....                   | 5,000,000          |                      |                               |                                           |                               |                                                                 | 123 <sup>3</sup> / <sub>4</sub>     | 88 <sup>1</sup> / <sub>2</sub>    |
| Indiana, Illinois & Iowa.....                  |                    | 4,850,000            | 2                             | July 15, 1902                             |                               | 85 77 <sup>1</sup> / <sub>2</sub>                               | 94 90                               |                                   |
| International Paper.....                       | 17,442,800         | 9,169,000            | 1                             | July 1, 1899                              |                               | 28 18 <sup>1</sup> / <sub>2</sub>                               | 235 <sup>1</sup> / <sub>2</sub>     | 17 <sup>1</sup> / <sub>2</sub>    |
| International Paper pfd.....                   | 22,406,700         |                      | 1 <sup>1</sup> / <sub>2</sub> | Oct. 1, 1902                              |                               | 81 <sup>1</sup> / <sub>2</sub> 69                               | 77 <sup>1</sup> / <sub>2</sub>      | 70 <sup>1</sup> / <sub>2</sub>    |
| Iowa Central.....                              | 8,517,700          |                      |                               |                                           |                               | 43 <sup>3</sup> / <sub>4</sub> 21                               | 51 <sup>1</sup> / <sub>2</sub>      | 37 <sup>1</sup> / <sub>2</sub>    |
| Iowa Central pfd.....                          | 5,671,900          | 9,650,000            | 1 <sup>1</sup> / <sub>2</sub> | Mar. 1, 1900                              |                               | 87 <sup>1</sup> / <sub>2</sub> 43                               | 90 <sup>1</sup> / <sub>2</sub>      | 65                                |
| Kanawha & Michigan.....                        | 9,000,000          | 2,469,000            |                               |                                           |                               | 41 21                                                           | 50 <sup>1</sup> / <sub>2</sub>      | 37 <sup>1</sup> / <sub>2</sub>    |
| Kansas City, Ft. Scott & Memphis pfd.....      | 13,510,000         | 12,055,000           | 1                             | Oct. 1, 1902                              |                               | 81 <sup>1</sup> / <sub>2</sub> 77 <sup>1</sup> / <sub>2</sub>   | 88                                  | 73                                |
| Kansas City Southern.....                      | 30,000,000         | 30,000,000           |                               |                                           |                               | 25 19 <sup>1</sup> / <sub>2</sub>                               | 39 18 <sup>1</sup> / <sub>2</sub>   | 3                                 |
| Kansas City Southern pfd.....                  | 21,000,000         |                      |                               |                                           |                               | 49 35                                                           | 62 <sup>1</sup> / <sub>2</sub>      | 44                                |
| Keokuk & Des Moines.....                       | 2,600,400          | 2,750,000            |                               |                                           |                               | 18 <sup>1</sup> / <sub>2</sub> 5 <sup>1</sup> / <sub>2</sub>    | 41 13                               |                                   |
| Keokuk & Des Moines pfd.....                   | 1,524,600          |                      | 1                             | Sept. 3, 1901                             |                               | 45 <sup>1</sup> / <sub>2</sub> 24                               | 84 45                               |                                   |
| Kingston & Pembroke.....                       | 2,250,000          |                      |                               |                                           |                               | 11 8                                                            | 14 8                                |                                   |
| Kingston & Pembroke 1st pfd.....               | 998,400            | 572,000              | 1                             | Apr. 2, 1901                              |                               | 50 45                                                           |                                     |                                   |
| Knickerbocker Ice.....                         | 4,000,000          |                      | 1                             | Jan. 2, 1900                              |                               | 29 12                                                           | 17 <sup>1</sup> / <sub>2</sub>      | 12                                |
| Knickerbocker Ice pfd.....                     | 3,000,000          | 2,000,000            | 3                             | July 1, 1902                              |                               | 62 <sup>1</sup> / <sub>2</sub> 50 <sup>1</sup> / <sub>2</sub>   | 55 53                               |                                   |
| Laclade Gas.....                               | 8,500,000          | 10,000,000           | 2                             | Sept. 15, 1902                            |                               | 95 <sup>1</sup> / <sub>2</sub> 70                               | 91 84                               |                                   |
| Laclade Gas pfd.....                           | 2,500,000          |                      | 2 <sup>1</sup> / <sub>2</sub> | June 16, 1902                             |                               | 106 <sup>1</sup> / <sub>2</sub> 95                              | 110 102 <sup>1</sup> / <sub>2</sub> |                                   |
| Lake Erie & Western.....                       | 11,840,000         | 10,875,000           |                               |                                           |                               | 76 <sup>1</sup> / <sub>2</sub> 39 <sup>3</sup> / <sub>4</sub>   | 71 <sup>1</sup> / <sub>2</sub>      | 50                                |
| Lake Erie & Western pfd.....                   | 11,840,000         |                      | 2                             | July 15, 1902                             |                               | 135 <sup>1</sup> / <sub>2</sub> 108 <sup>1</sup> / <sub>2</sub> | 138 120                             |                                   |
| Lake Shore.....                                | **49,466,500       | 49,931,000           | 3 <sup>1</sup> / <sub>2</sub> | July 29, 1902                             |                               | 355 330                                                         | 340 325                             |                                   |
| Long Island.....                               | **12,000,000       | 21,910,792           | 1                             | Nov. 2, 1896                              |                               | 90 67                                                           | 91 <sup>1</sup> / <sub>2</sub>      | 73                                |
| Louisville & Nashville.....                    | 60,000,000         | 99,850,660           | 2 <sup>1</sup> / <sub>2</sub> | Aug. 11, 1902                             |                               | 118 <sup>3</sup> / <sub>4</sub> 76                              | 159 <sup>3</sup> / <sub>4</sub>     | 102 <sup>3</sup> / <sub>4</sub>   |
| Manhattan Beach.....                           | 5,000,000          |                      |                               |                                           |                               | 22 8                                                            | 19 9                                |                                   |
| Manhattan Elevated.....                        | 48,000,000         | 39,845,000           | 1                             | Oct. 1, 1902                              |                               | 145 83                                                          | 140 <sup>1</sup> / <sub>2</sub>     | 78                                |
| Maryland Coal pfd.....                         | 1,885,005          |                      | 2 <sup>1</sup> / <sub>2</sub> | July 1, 1902                              |                               | 75 67 <sup>1</sup> / <sub>2</sub>                               | 100 72                              |                                   |
| Michigan Central.....                          | **18,738,000       | 19,101,000           | 2                             | July 29, 1902                             |                               | 180 107 <sup>1</sup> / <sub>2</sub>                             | 192 150                             |                                   |
| Milwaukee Electric Ry. & Light pfd.....        | 4,500,000          | 18,000,000           | 1 <sup>1</sup> / <sub>2</sub> | Nov. 1, 1902                              |                               | 120 115                                                         |                                     |                                   |
| Minneapolis, St. Paul & S. Ste. Marie.....     | 14,000,000         | 35,075,388           |                               |                                           |                               | 36 <sup>1</sup> / <sub>2</sub> 15                               | 84 36 <sup>1</sup> / <sub>2</sub>   |                                   |
| Minneapolis, St. Paul & S. Ste. Marie pfd..... | 7,000,000          |                      |                               |                                           |                               | 94 <sup>3</sup> / <sub>4</sub> 8                                | 139 90                              |                                   |
| Minn. & St. Louis.....                         | 6,000,000          | 17,800,000           | 2 <sup>1</sup> / <sub>2</sub> | July 15, 1902                             |                               | 111 <sup>1</sup> / <sub>2</sub> 87 <sup>1</sup> / <sub>2</sub>  | 115 115                             |                                   |
| Minn. & St. Louis pfd. 5 p. c. non-cum.....    | 4,000,000          |                      | 2 <sup>1</sup> / <sub>2</sub> | July 15, 1902                             |                               | 124 <sup>1</sup> / <sub>2</sub> 101 <sup>1</sup> / <sub>2</sub> | 123 <sup>1</sup> / <sub>2</sub>     | 118 <sup>3</sup> / <sub>4</sub>   |
| Missouri, Kansas & Texas.....                  | 56,100,300         |                      |                               |                                           |                               | 35 <sup>1</sup> / <sub>2</sub> 15                               | 35 <sup>1</sup> / <sub>2</sub>      | 24                                |
| Missouri, Kansas & Texas pfd.....              | 13,000,000         | 79,636,000           |                               |                                           |                               | 68 <sup>3</sup> / <sub>4</sub> 37                               | 69 51                               |                                   |

178 *Stock List and Prices of Leading Stocks in 1902.*

STOCK LIST AND PRICES OF LEADING STOCKS IN 1902—Continued.

| Stocks.                                  | Stock Outstanding. | Bond In debtedness. | Rate Per Cent Last Div. (a) | Date Payment Last Dividend Declared (a) | Highest and Lowest, 1901. | Highest and Lowest, 1902. (a) |
|------------------------------------------|--------------------|---------------------|-----------------------------|-----------------------------------------|---------------------------|-------------------------------|
| Missouri Pacific                         | \$77,450,000       | \$54,012,000        | 2 1/2                       | July 21, 1902                           | 124 1/2 69                | 123 1/4 97 1/2                |
| Morris & Essex                           | 15,069,000         | 25,577,000          | 3 1/2                       | July 1, 1902                            | 197 1/4 191 1/2           | 198 195                       |
| Nashville, Chattanooga & St. Louis       | *10,000,000        | 16,001,000          | 1                           | Nov. 1, 1898                            | 80 75 1/2                 | 122 1/2 80                    |
| National Biscuit                         | 29,236,000         | 1,576,000           | 1                           | Jan. 15, 1903                           | 46 37                     | 53 1/2 40                     |
| National Biscuit pfd.*                   | 23,825,100         |                     | 1 1/4                       | Nov. 15, 1902                           | 105 1/2 92                | 109 102 3/4                   |
| National Lead                            | 14,905,400         | .....               | 1                           | Mar. 5, 1900                            | 105 1/2 15                | 32 159 1/2                    |
| National Lead pfd.*                      | 14,904,000         | .....               | 1 1/4                       | Sept. 15, 1902                          | 93 1/2 74 3/4             | 138 79 1/2                    |
| New Jersey Central                       | 27,412,800         | 47,850,100          | 2                           | Oct. 15, 1902                           | 174 1/2 139 1/2           | 168 1/2 147                   |
| New York Central & Hudson River          | 132,250,000        | 193,775,634         | 1 1/4                       | Oct. 15, 1902                           | 174 1/2 139 1/2           | 168 1/2 147                   |
| New York, Chicago & St. Louis            | 14,000,000         | .....               | 5                           | .....                                   | 57 1/2                    | 57 1/2 40                     |
| New York, Chicago & St. Louis 1st pfd.   | 5,000,000          | 19,425,000          | 3                           | Mar. 1, 1902                            | 120 97                    | 124 1/2 114                   |
| New York, Chicago & St. Louis 2d pfd.    | 11,000,000         | .....               | 5                           | Mar. 1, 1902                            | 95 47                     | 100 84                        |
| New York, Lackawanna & Western           | 10,000,000         | 22,000,000          | 1 1/4                       | Oct. 1, 1902                            | 139 134 1/2               | 141 1/2 138 1/2               |
| New York Mutual Gas                      | 3,500,000          | .....               | 4                           | Jan. 10, 1902                           | 295 294                   | .....                         |
| New York, New Haven & Hartford           | 54,685,400         | 8,139,000           | 2                           | Sept. 30, 1902                          | 217 206 1/2               | 255 209 1/2                   |
| New York, Ontario & Western              | 58,119,982         | 16,937,000          | 1                           | .....                                   | 40 1/2 24                 | 36 1/2 29                     |
| New York & Harlem                        | 10,000,000         | 12,000,000          | 2                           | Oct. 1, 1902                            | 420 409                   | .....                         |
| New York & New Jersey Telephone          | 9,375,000          | 1,321,000           | 1 1/2                       | Oct. 15, 1902                           | 185 155                   | .....                         |
| Norfolk & Western                        | 64,469,200         | .....               | 1                           | June 20, 1902                           | 61 1/2 42                 | 80 1/2 55                     |
| Norfolk & Western pfd.                   | 22,748,500         | 53,076,750          | 2                           | Aug. 22, 1902                           | 92 3/8 82                 | 98 89                         |
| Northern Central                         | 11,462,300         | 9,216,000           | 4                           | July 15, 1902                           | .....                     | 250 235                       |
| Pacific Coast                            | 6,738,800          | .....               | 1 1/4                       | Nov. 1, 1902                            | 78 52                     | 81 1/2 67 1/2                 |
| Pacific Coast 1st pfd.                   | 1,502,800          | 4,446,000           | 1 1/4                       | Nov. 1, 1902                            | 103 3/4 89                | 106 100 1/2                   |
| Pacific Coast 2d pfd.                    | 3,904,200          | .....               | 1 1/4                       | Nov. 1, 1902                            | 83 63                     | 84 1/2 74 1/2                 |
| Pacific Mail                             | 20,000,000         | .....               | 1 1/2                       | Dec. 1, 1899                            | 49 1/2 30 1/2             | 49 37 1/2                     |
| Pennsylvania R. R.                       | 204,332,000        | 88,804,536          | 1 1/2                       | Nov. 29, 1902                           | 162 137                   | 170 147                       |
| People's Gas Light & Coke (Chicago)      | 32,969,100         | 34,496,000          | 1 1/2                       | Nov. 25, 1902                           | 120 1/2 95 1/2            | 109 1/2 99 1/2                |
| Peoria & Eastern                         | 10,000,000         | 13,981,000          | .....                       | .....                                   | 50 14 1/2                 | 47 1/2 30                     |
| Pere Marquette                           | 14,145,500         | 26,793,070          | 2                           | Aug. 15, 1902                           | 86 72                     | 86 1/2 71                     |
| Pere Marquette pfd.                      | 10,512,200         | .....               | 2                           | Aug. 15, 1902                           | 86 72                     | 91 1/2 80                     |
| Philadelphia                             | 23,953,000         | 11,624,250          | 1 1/2                       | Nov. 1, 1902                            | 109 90 1/2                | .....                         |
| Philadelphia pfd.                        | 5,744,800          | .....               | 2 1/2                       | Sept. 1, 1902                           | .....                     | .....                         |
| Pittsburgh, Cin., Chic. & St. Louis      | 25,316,146         | 45,705,000          | 1 1/2                       | Aug. 15, 1902                           | 80 1/2 57                 | 105 1/2 80 1/2                |
| Pittsburgh, Cin., Chic. & St. Louis pfd. | 22,705,369         | .....               | 2                           | July 15, 1902                           | 113 88                    | 128 113                       |
| Pittsburgh, Ft. Wayne & Chicago gtd.     | 24,033,300         | 6,244,000           | 1 3/4                       | Oct. 7, 1902                            | 195 188 1/2               | 194 192 1/4                   |
| Pittsburgh, McKeesport & Young's         | 4,000,000          | 3,755,000           | 3                           | Jan. 1, 1902                            | .....                     | 140 140                       |
| Pullman                                  | 74,000,000         | .....               | 2                           | Nov. 15, 1902                           | 225 195 1/2               | 250 215                       |
| Quicksilver                              | 5,708,700          | .....               | .....                       | .....                                   | 6 1/4 14                  | 4 1/2 2                       |
| Quicksilver pfd.                         | 4,291,300          | .....               | 1 1/2                       | May 9, 1902                             | 12 7                      | 11 1/2 8                      |
| Railway Steel Spring                     | 10,000,000         | .....               | .....                       | .....                                   | .....                     | 38 1/2 24                     |
| Railway Steel Spring pfd.*               | 10,000,000         | .....               | 1 3/4                       | Sept. 20, 1902                          | .....                     | 90 1/2 80                     |
| Reading                                  | 70,000,000         | 64,695,000          | 1                           | Oct. 1, 1902                            | 58 24 1/2                 | 78 1/2 52 1/2                 |
| Reading 1st pfd.                         | 28,000,000         | .....               | 1                           | Oct. 1, 1902                            | 82 1/2 65                 | 90 1/2 79 1/2                 |
| Reading 2d pfd.                          | 42,000,000         | .....               | 1                           | Oct. 1, 1902                            | 64 1/2 38                 | 80 1/2 60                     |
| Rensselaer & Saratoga                    | 10,000,000         | 2,000,000           | 4                           | July 1, 1902                            | 215 215                   | .....                         |
| Republic Iron & Steel                    | 27,191,000         | .....               | .....                       | .....                                   | 24 11 1/4                 | 23 1/2 15 1/2                 |
| Republic Iron & Steel pfd.               | 20,356,900         | .....               | 1 1/4                       | Oct. 1, 1902                            | 82 55 1/4                 | 82 1/2 68                     |
| Rome, Watertown & Ogdensburg             | 10,000,000         | 9,576,000           | 13 1/2                      | Nov. 15, 1902                           | 140 135                   | 141 138                       |
| Rutland pfd.                             | 9,057,600          | 10,667,000          | 1                           | July 1, 1902                            | 123 1/2 97                | 125 68                        |
| St. Joseph & Grand Island                | 4,600,000          | .....               | .....                       | .....                                   | 15 1/2 7 1/2              | 24 1/2 12                     |
| St. Joseph & Grand Island 1st pfd.       | 5,500,000          | 3,500,000           | 2 1/2                       | July 15, 1902                           | 75 1/2 55                 | 81 1/2 62                     |
| St. Joseph & Grand Island 2d pfd.        | 3,500,000          | .....               | .....                       | .....                                   | 36 17                     | 43 24 1/2                     |
| St. Lawrence & Adirondack                | 1,631,500          | 1,200,000           | 2 1/2                       | Mar. 1, 1902                            | 134 57                    | 141 1/2 50                    |
| St. Louis & San Francisco                | 27,307,705         | .....               | .....                       | .....                                   | 56 1/2 21 1/4             | 85 1/2 55 1/4                 |
| St. Louis & San Francisco 1st pfd.       | 5,000,000          | 57,160,500          | 1                           | Oct. 1, 1902                            | 88 75                     | 90 81                         |
| St. Louis & San Francisco 2d pfd.        | 16,000,000         | .....               | 1                           | Dec. 1, 1902                            | 70 1/4 53 1/2             | 80 1/2 70                     |
| St. Louis Southwestern                   | 16,500,000         | 30,000,000          | .....                       | .....                                   | 39 1/2 16                 | 39 25                         |
| St. Louis Southwestern pfd.              | 20,000,000         | .....               | .....                       | .....                                   | 71 41 1/2                 | 79 1/2 55 1/4                 |
| Sloss-Sheffield Steel & Iron             | 7,500,000          | 4,000,000           | .....                       | .....                                   | 41 1/2 19 1/2             | 83 29 1/2                     |
| Sloss-Sheffield Steel & Iron pfd.        | 6,700,000          | .....               | 1 3/4                       | Oct. 1, 1902                            | 86 1/2 65 1/2             | 95 80 1/4                     |
| Southern Pacific                         | 197,847,788        | \$353,062,000       | .....                       | .....                                   | 65 1/2 23                 | 81 56                         |
| Southern Railway voting trust cts.       | 130,000,000        | .....               | .....                       | .....                                   | 35 1/2 18                 | 41 1/2 31 1/4                 |
| Southern Railway pfd. 5 p. c. T. C.      | 60,000,000         | 125,081,700         | 2 1/2                       | Oct. 31, 1902                           | 94 1/2 67 1/2             | 92 1/2 90                     |
| Southern Railway Mob. & Ohio Tr. cts.    | 4,932,600          | .....               | .....                       | .....                                   | .....                     | .....                         |
| Tennessee C. I. & R. R.                  | 29,553,060         | 13,528,500          | 2                           | Nov. 1, 1900                            | 76 1/2 49 1/2             | 74 1/2 54 1/2                 |
| Texas Central                            | 3,675,000          | 650,000             | 2 1/2                       | Jan. 15, 1902                           | 45 20                     | 40 35                         |
| Texas Central pfd.                       | 1,325,000          | .....               | 2 1/2                       | Jan. 15, 1902                           | 90 70                     | 90 85                         |
| Texas Pacific Land Trust                 | 8,643,550          | .....               | 2 1/2                       | July 15, 1902                           | .....                     | 42 19                         |
| Texas & Pacific                          | 38,760,114         | 52,661,000          | .....                       | .....                                   | 52 1/2 23 1/2             | 54 1/2 37 1/2                 |
| Third Avenue                             | 16,000,000         | 40,000,000          | 1 1/4                       | Nov. 29, 1899                           | 129 1/2 117               | 134 122                       |
| Toledo, Peoria & Western                 | 4,076,900          | 4,895,000           | .....                       | .....                                   | 10 10                     | 20 20                         |
| Toledo Railway & Light                   | 12,000,000         | 9,885,000           | .....                       | .....                                   | .....                     | 38 34                         |
| Toledo, St. Louis & Western              | 9,945,000          | .....               | .....                       | .....                                   | 25 1/2 10 3/4             | 33 1/2 18 1/2                 |
| Toledo, St. Louis & Western pfd.         | 10,000,000         | 15,500,000          | .....                       | .....                                   | 30 1/2 28                 | 49 1/2 35                     |
| Union Pacific                            | 104,059,900        | 191,952,000         | 2                           | Oct. 1, 1902                            | 133 76                    | 113 1/2 98 1/2                |
| Union Pacific pfd.                       | 99,540,100         | 20,000,000          | 2                           | Oct. 1, 1902                            | 90 1/2 81 1/2             | 95 86 1/2                     |
| United New Jersey Railroad & Canal       | 21,240,000         | .....               | 2 1/2                       | Oct. 10, 1902                           | 282 1/2 278               | 285 1/2 280                   |
| United States Express                    | 10,000,000         | .....               | 2                           | Nov. 15, 1902                           | 100 53                    | 160 97                        |
| United States Reduction & Refining*      | 5,918,800          | 3,000,000           | 1                           | Oct. 1, 1902                            | .....                     | 44 1/2 25                     |
| United States Reduction & Ref. pfd.*     | 3,945,800          | .....               | 1 1/2                       | Oct. 1, 1902                            | .....                     | 68 1/2 57                     |

STOCK LIST AND PRICES OF LEADING STOCKS IN 1902—Continued.

| Stocks.                                   | Stock<br>Outstand ng. | Bonded<br>debt-dnss. | Rate Per Ct.<br>Last Div. (a) | Date Pay-<br>ment Last<br>Dividend<br>Declared. (a) | Highest<br>and<br>Lowest,<br>1901. | Highest<br>and<br>Lowest,<br>1902. (a) |
|-------------------------------------------|-----------------------|----------------------|-------------------------------|-----------------------------------------------------|------------------------------------|----------------------------------------|
| United States Rubber.....                 | \$23,666,000          | .....                | 1                             | Apr. 30, 1900                                       | 34 12½                             | 195½ 134½                              |
| United States Rubber pfd.....             | 523,525,500           | .....                | 1                             | Jan. 31, 1901                                       | 85 47                              | 63¼ 49¾                                |
| United States Steel.....                  | 508,301,955           | .....                | 1                             | Dec. 30, 1902                                       | 55 24                              | 46¾ 35¾                                |
| United States Steel pfd.....              | 10,280,811            | \$363,978,250        | 134                           | Nov. 15, 1902                                       | 101½                               | 69 97¾ 83¾                             |
| Wabash.....                               | 28,000,000            | .....                | .....                         | .....                                               | 26 11½                             | 38¾ 19¼                                |
| Wabash pfd.....                           | 24,000,000            | 91,876,000           | 11½                           | Nov. 5, 1881                                        | 4½                                 | 23¼ 54¾ 41¾                            |
| Wells-Fargo Express.....                  | 8,000,000             | .....                | 4                             | July 15, 1902                                       | 199¾                               | 130 252 185                            |
| Western Union Telegraph.....              | 97,370,000            | 19,660,000           | .....                         | 134 Oct. 15, 1902                                   | 100¼                               | 81 97½ 84¾                             |
| Westinghouse Electric & Mfg.....          | 14,016,551            | .....                | .....                         | 134 Nov. 15, 1902                                   | 180                                | 145 233 169¾                           |
| Westinghouse Electric & Mfg. 1st pfd..... | 3,997,450             | .....                | .....                         | .....                                               | .....                              | 157 234 180                            |
| Wheeling & Lake Erie.....                 | 20,000,000            | .....                | .....                         | .....                                               | 22 11½                             | 30½ 17                                 |
| Wheeling & Lake Erie 1st pfd.....         | 4,985,500             | 13,667,000           | .....                         | .....                                               | 60¾                                | 45 66 49                               |
| Wheeling & Lake Erie 2d pfd.....          | 11,983,500            | .....                | .....                         | .....                                               | 33 24                              | 42 27¾                                 |
| Wisconsin Central.....                    | 16,147,300            | .....                | .....                         | .....                                               | 26 14                              | 31 19¾                                 |
| Wisconsin Central pfd.....                | 11,267,200            | 27,630,500           | .....                         | .....                                               | 49¾                                | 38½ 57¾ 39½                            |

(a) Report for 1902 to November 15. See also page 13 of the ALMANAC. \* Unlisted stocks. † One per cent extra. ‡ One-half per cent extra. § Two per cent extra. ¶ Includes debt subsidiary companies. ¶¶ Covers \$60,369,082 debenture stock. \*\* Part of issue withdrawn.

THE WORLD ALMANAC is indebted to "Bradstreet's" for the stock list and prices of stocks.

Production of Coal.

AREA OF THE WORLD'S COAL-FIELDS, IN SQUARE MILES.

CHINA and Japan, 200,000; United States, 194,000; India, 35,000; Russia, 27,000; Great Britain, 9,000; Germany, 3,600; France, 1,800; Belgium, Spain, and other countries, 1,400. Total, 471,800.

The coal-fields of China, Japan, Great Britain, Germany, Russia, and India contain apparently 303,000,000,000 tons, which is enough for 450 years at present rate of consumption. If to the above be added the coal-fields in the United States, Canada, and other countries, the supply will be found ample for 1,000 years. Improved machinery has greatly increased the yield per miner, and thus produced a fall in price to the advantage of all industries.

The production of the principal countries in 1899-1900 in metric tons was: United States, 243,414,163; United Kingdom, 225,181,300; Germany, 103,271,700; Austria-Hungary, 38,738,372; France, 32,862,712; Belgium, 22,072,068; Russia (e), 12,800,000; Japan, 6,721,798; Australasia (c), 6,700,000; India, 5,016,055; Canada, 4,142,242; Spain, 2,600,279; Mexico, 409,125; Sweden, 239,344; Italy, 388,534; all other countries (e), 2,500,000. Total, partly estimated, 723,057,692. (c) Estimated.

COAL PRODUCTION IN THE UNITED STATES 1901 (TONS OF 2,000 POUNDS).

| STATES.               | Tons.      | VALUE AT MINE. |          | STATES.                  | Tons.             | VALUE AT MINE. |             |        |
|-----------------------|------------|----------------|----------|--------------------------|-------------------|----------------|-------------|--------|
|                       |            | Total.         | Per Ton. |                          |                   | Total.         | Per Ton.    |        |
| <i>Bituminous.</i>    |            |                |          | <i>Bituminous.</i>       |                   |                |             |        |
| Alabama.....          | 9,099,052  | \$10,000,892   | \$1.64   | Tennessee.....           | 3,633,200         | \$4,067,589    | \$1.12      |        |
| Arkansas.....         | 1,816,136  | 2,068,613      | 1.14     | Texas†.....              | 1,107,953         | 1,907,024      | 1.72        |        |
| California.....       | 151,079    | 394,106        | 2.61     | Utah.....                | 1,322,614         | 1,666,082      | 1.26        |        |
| Colorado §.....       | 5,625,435  | 6,248,151      | 1.11     | Virginia.....            | 2,728,873         | 2,353,989      | .96         |        |
| Georgia.....          | 354,825    | 426,685        | 1.20     | Washington‡.....         | 2,578,217         | 4,271,076      | 1.66        |        |
| Illinois.....         | 27,331,552 | 28,163,937     | 1.03     | West Virginia.....       | 24,068,402        | 20,848,164     | .87         |        |
| Indiana.....          | 6,918,225  | 7,016,143      | 1.01     | Wyoming.....             | 4,485,374         | 6,060,462      | 1.33        |        |
| Indian Territory..... | 2,421,781  | 3,915,268      | 1.62     | Total bitu- { Sh. tons.. | 225,759,980       | \$236,305,214  | \$1.05      |        |
| Iowa.....             | 5,617,499  | 7,822,605      | 1.39     | minous. { Met. tons      | 204,808,110       | .....          | 1.15        |        |
| Kansas.....           | 4,900,528  | 5,991,599      | 1.22     | <i>Anthracite.</i>       |                   |                |             |        |
| Kentucky.....         | 5,469,986  | 5,213,076      | .95      | 1.24                     | Colorado.....     | 64,580         | \$193,740   | \$3.00 |
| Maryland.....         | 5,115,127  | 5,046,491      | .99      | 1.24                     | New Mexico.....   | 2,289          | 6,295       | 2.75   |
| Michigan.....         | 1,241,341  | 1,753,064      | 1.41     | 1.44                     | Pennsylvania..... | 67,471,667     | 112,504,020 | 1.67   |
| Missouri.....         | 3,802,088  | 4,707,164      | 1.24     | Total an- { Sh. tons..   | 67,538,536        | \$112,704,055  | \$1.67      |        |
| Montana.....          | 1,396,081  | 2,009,316      | 1.44     | thracite. { Met. tons    | 61,270,558        | .....          | 1.86        |        |
| Nebraska.....         | .....      | .....          | .....    | Grand { Sh. tons..       | 293,298,516       | \$249,009,369  | \$1.19      |        |
| New Mexico‡.....      | 1,384,257  | 1,540,357      | 1.12     | total coal { Met. tons.. | 266,078,668       | .....          | 1.31        |        |
| North Carolina.....   | .....      | .....          | .....    |                          |                   |                |             |        |
| North Dakota*.....    | 166,601    | 214,151        | 1.29     |                          |                   |                |             |        |
| Ohio.....             | 20,943,807 | 20,928,158     | 1.00     |                          |                   |                |             |        |
| Oregon.....           | 69,011     | 173,646        | 2.52     |                          |                   |                |             |        |
| Pennsylvania.....     | 82,305,945 | 81,387,586     | .99      |                          |                   |                |             |        |

\* All lignite. † One-third lignite. ‡ One-half lignite. § One-seventh lignite. ¶ Included in California. ¶¶ Included in Georgia.

Imports of coal into the United States in 1901 in long tons: Anthracite, 286; bituminous, 1,919,962.

Statistics of coal production in the United States in 1901 were furnished by Joseph Struthers, editor of "The Mineral Industry."

Life Insurance Statistics.

CONDITION OF REGULAR LEGAL RESERVE COMPANIES JANUARY 1, 1902, AND BUSINESS THE PRECEDING YEAR.\*

| No. of Cos. | Assets.         | Premiums Received. | Total Income. | Payments to Policyholders (Losses, Dividends, Surrenders, etc.) | Total Expenditures. | NEW POLICIES ISSUED. |                 | POLICIES IN FORCE. |                 |
|-------------|-----------------|--------------------|---------------|-----------------------------------------------------------------|---------------------|----------------------|-----------------|--------------------|-----------------|
|             |                 |                    |               |                                                                 |                     | No.                  | Amount.         | No.                | Amount.         |
| 80          | \$1,910,784,955 | \$366,273,457      | \$457,965,754 | \$192,398,489                                                   | \$302,829,506       | 5,021,684            | \$2,194,182,667 | 16,030,724         | \$9,593,846,918 |

CONDITION AND BUSINESS OF ASSESSMENT COMPANIES AND ORDERS.†

| No. of Cos. | Assets.      | Assessments Collected. | Total Income. | Payments to Policyholders | Total Expenditures. | MEMBERSHIP.               |                 | INSURANCE IN FORCE. |  |
|-------------|--------------|------------------------|---------------|---------------------------|---------------------|---------------------------|-----------------|---------------------|--|
|             |              |                        |               |                           |                     | Admitted During the Year. | No. of Members. | Amount.             |  |
| 127         | \$99,011,098 | \$62,515,256           | \$54,762,061  | \$45,481,523              | \$48,811,496        | 587,297                   | 2,987,853       | \$4,612,865,856     |  |

\* Including industrial policies. † These figures are for the Illinois Life Insurance Report for 1902, and represent the combined business of the assessment companies and fraternal orders. The assessment business having declined since 1896, these aggregates are nearly half those of that year. The returns of life insurance in the first and third tables are from "The Insurance Year-Book," published by The Spectator Company.

INCOME AND DISBURSEMENTS FOR TWENTY YEARS.

The following table shows the receipts and disbursements of the "old-line" life insurance companies reporting to the New York Insurance Department for twenty years:

| YEAR ENDING Dec. 31. | No. of Companies. | Total Income. | Total Payments for Losses, Endowments, and Annuities. | Total Payments for Lapsed, Surrendered, and Purchased Policies. | Total Dividends to Policyholders. | Total Payments to Policyholders. | Taxes, Commissions, and other Expenses. | Total Disbursements. |
|----------------------|-------------------|---------------|-------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------|----------------------------------|-----------------------------------------|----------------------|
| 1883....             | 29                | \$92,562,763  | \$33,894,306                                          | \$8,837,857                                                     | \$13,417,464                      | \$56,149,627                     | \$15,295,264                            | \$71,743,588         |
| 1884....             | 29                | 96,974,376    | 35,602,544                                            | 9,503,530                                                       | 12,043,498                        | 58,149,572                       | 18,153,435                              | 76,632,098           |
| 1885....             | 29                | 105,527,865   | 38,624,832                                            | 9,630,269                                                       | 12,963,660                        | 61,218,751                       | 18,715,267                              | 80,250,549           |
| 1886....             | 29                | 116,961,315   | 38,276,390                                            | 9,433,379                                                       | 13,218,246                        | 60,928,054                       | 21,066,540                              | 82,319,096           |
| 1887....             | 29                | 130,657,526   | 42,827,054                                            | 10,413,379                                                      | 14,852,624                        | 68,003,557                       | 25,031,101                              | 93,447,289           |
| 1888....             | 30                | 147,024,341   | 48,569,964                                            | 11,234,569                                                      | 14,324,827                        | 74,128,360                       | 27,905,878                              | 103,369,145          |
| 1889....             | 30                | 168,184,699   | 53,081,834                                            | 12,240,142                                                      | 13,951,069                        | 79,273,667                       | 34,898,168                              | 114,503,366          |
| 1890....             | 30                | 187,424,959   | 58,606,615                                            | 13,827,225                                                      | 14,271,501                        | 86,707,341                       | 39,616,782                              | 126,653,530          |
| 1891....             | 29                | 201,931,425   | 62,731,497                                            | 16,230,891                                                      | 13,991,226                        | 92,953,614                       | 42,350,372                              | 135,792,048          |
| 1892....             | 31                | 223,024,998   | 72,576,866                                            | 15,658,759                                                      | 14,386,195                        | 102,621,820                      | 49,665,730                              | 152,890,333          |
| 1893....             | 32                | 236,683,206   | 75,903,220                                            | 19,839,418                                                      | 14,823,176                        | 110,566,414                      | 55,205,336                              | 166,512,254          |
| 1894....             | 33                | 256,624,478   | 78,313,162                                            | 23,164,108                                                      | 14,577,455                        | 116,054,725                      | 61,073,545                              | 177,863,333          |
| 1895....             | 35                | 266,897,200   | 84,791,622                                            | 22,889,493                                                      | 15,287,604                        | 122,978,718                      | 62,052,872                              | 185,772,902          |
| 1896....             | 36                | 279,373,107   | 90,146,264                                            | 26,368,039                                                      | 17,083,169                        | 134,219,615                      | 64,160,732                              | 199,173,299          |
| 1897....             | 35                | 301,268,197   | 92,688,307                                            | 26,431,312                                                      | 18,425,197                        | 137,544,815                      | 67,582,025                              | 205,856,334          |
| 1898....             | 35                | 320,306,189   | 98,465,681                                            | 26,436,307                                                      | 19,694,634                        | 144,566,622                      | 72,667,590                              | 218,063,363          |
| 1899....             | 37                | 355,946,005   | 111,788,891                                           | 28,080,965                                                      | 20,917,143                        | 155,786,799                      | 86,622,697                              | 243,154,558          |
| 1900....             | 40                | 392,358,741   | 120,945,587                                           | 23,190,804                                                      | 22,568,261                        | 165,704,652                      | 94,782,023                              | 261,467,238          |
| 1901....             | 38                | 437,935,470   | 135,674,468                                           | 23,907,412                                                      | 23,811,649                        | 183,393,529                      | 103,051,203                             | 287,181,045          |

ASSETS OF AND AMOUNT INSURED BY THE PRINCIPAL AMERICAN COMPANIES JANUARY 1, 1902.

| COMPANIES.                   | Insurance in Force. | Gross Assets. | COMPANIES.                     | Insurance in Force. | Gross Assets. |
|------------------------------|---------------------|---------------|--------------------------------|---------------------|---------------|
| New York Life, N. Y. ....    | \$1,365,369,299     | \$290,743,256 | Provident Life & Trust, Pa     | \$141,974,722       | \$46,144,798  |
| Mutual Life, N. Y. ....      | 1,241,688,430       | 353,266,936   | New England Mutual.....        | 126,172,422         | 32,721,633    |
| Equitable, N. Y. ....        | 1,179,276,735       | 331,039,728   | Travelers' (Life Dept.).....   | 116,292,312         | 33,853,372    |
| Metropolitan, N. Y. ....     | 1,076,579,204       | 74,771,759    | National, Vt. ....             | 108,573,050         | 28,283,263    |
| Prudential, N. J. ....       | 703,290,653         | 48,734,905    | Provident Sav. Life, N. Y. ... | 98,832,136          | 5,116,874     |
| Northwestern Mut., Wis. ...  | 574,705,000         | 152,023,895   | State Mutual Life, Mass. ....  | 87,424,149          | 19,580,980    |
| Mutual Benefit, N. J. ....   | 291,290,244         | 78,419,350    | Fidelity Mutual, Pa. ....      | 87,202,844          | 4,233,958     |
| Jno. Hancock Mut. Mass. *    | 250,218,289         | 19,732,605    | Germania, N. Y. ....           | 85,426,772          | 28,790,811    |
| Penn Mutual, Pa. ....        | 243,051,663         | 48,679,022    | Hartford Life, Ct. ....        | 76,083,995          | 3,146,329     |
| Etna Life, Ct. ....          | 201,275,283         | 59,696,075    | Phoenix Mutual, Ct. ....       | 65,872,834          | 14,423,414    |
| Union Central, Ohio ....     | 168,034,471         | 30,048,562    | Manhattan Life, N. Y. ....     | 64,206,959          | 16,945,831    |
| Connecticut Mutual. ....     | 163,880,144         | 65,290,150    | Washington Life, N. Y. ....    | 61,091,604          | 16,252,864    |
| Bankers' Life, Iowa. ....    | 159,766,006         | 4,195,300     | Home Life, N. Y. ....          | 59,646,669          | 13,400,602    |
| Mut. Reserve Fund, N. Y. ... | 155,358,627         | 11,379,078    | Berkshire Life, Mass. ....     | 55,910,836          | 11,054,620    |
| Massachusetts Mutual ....    | 146,106,721         | 28,201,564    | Union Mutual, Me. ....         | 53,945,044          | 9,013,083     |

LIFE INSURANCE IN VARIOUS COUNTRIES.‡

| COUNTRIES.          | Insurance in Force. | Year's Premiums. | Year's Claims. | COUNTRIES.        | Insurance in Force. | Year's Premiums. | Year's Claims. |
|---------------------|---------------------|------------------|----------------|-------------------|---------------------|------------------|----------------|
| United States. .... | \$14,206,712,804    | \$478,790,713    | \$237,880,012  | Austria. ....     | \$370,621,530       | \$14,613,420     | \$4,098,026    |
| Great Britain. .... | 3,866,000,750       | 144,538,725      | 107,405,100    | Scandinavia. .... | 129,213,755         | 4,365,360        | 1,147,894      |
| Germany. ....       | 1,820,163,685       | 50,313,925       | 16,767,830     | Switzerland. .... | 70,890,250          | 3,025,100        | 1,170,226      |
| France. ....        | 695,221,550         | 40,251,080       | 10,647,060     | Russia. ....      | 47,925,979          | 1,757,681        | 584,707        |

\* Includes industrial business. † Assessment companies. ‡ From most recent reports. § Including assessment business (\$4,612,865,856 insurance in force), on which no part of the future premium is collected in advance.

## Fire Insurance Statistics.

### CONDITION AND TRANSACTIONS OF COMPANIES DOING BUSINESS IN THE UNITED STATES JANUARY 1, 1902.

| NUMBER OF COMPANIES. | Capital.                     | Assets Exclusive of Premium Notes. | Net Surplus.                                          | Cash Premiums Received during Year. | Total Cash Income during Year. |
|----------------------|------------------------------|------------------------------------|-------------------------------------------------------|-------------------------------------|--------------------------------|
| 303 Stock.....       | \$69,930,423                 | \$450,566,078                      | \$162,083,426                                         | \$199,800,505                       | \$216,452,381                  |
| 179 Mutual.....      |                              |                                    |                                                       |                                     |                                |
| NUMBER OF COMPANIES. | Paid for Losses during Year. | Paid for Dividends during Year.    | Expenses other than Losses and Dividends during Year. | Total Disbursements during Year.    | Risks Written during Year.     |
| 303 Stock.....       | \$112,007,219                | \$16,333,011                       | \$70,756,489                                          | \$199,096,719                       | *\$25,000,000,000              |
| 179 Mutual.....      |                              |                                    |                                                       |                                     |                                |

\* Approximation. These statistics of fire insurance business in the United States are, with the exception of the estimate of risks written during the year, compiled from "The Insurance Year-Book," published by The Spectator Company. They do not include the returns of a few stock companies and some 500 mutuels and town and county mutuels, whose transactions are purely local and individually of small volume.

### CONDITION OF THE PRINCIPAL JOINT-STOCK COMPANIES DOING BUSINESS IN THE UNITED STATES JANUARY 1, 1902.\*

| COMPANIES.                                      | Gross Assets. | Capital.    | Net Surplus. | COMPANIES.                                 | Gross Assets. | Capital.   | Net Surplus. |
|-------------------------------------------------|---------------|-------------|--------------|--------------------------------------------|---------------|------------|--------------|
| Home, New York.....                             | \$15,255,869  | \$3,000,000 | \$5,906,342  | Phoenix, England.....                      | \$2,923,214   | †\$200,000 | \$237,049    |
| Etna, Ct.....                                   | 14,071,948    | 4,000,000   | 5,661,070    | Northern, England.....                     | 2,806,910     | † 200,000  | 1,142,961    |
| Hartford, Ct.....                               | 12,259,076    | 1,250,000   | 3,000,855    | Firemen's, N. J.....                       | 2,800,068     | 1,000,000  | 1,193,801    |
| Continental, New York.....                      | 11,599,012    | 1,000,000   | 4,901,328    | Sun, England.....                          | 2,657,954     | † 200,000  | 732,142      |
| Liverp., London & Globe Ins. Co. of N. America. | 10,316,436    | 2,000,000   | 4,400,162    | Mil. Mechanics, Wis., London & Lancashire. | 2,630,637     | 200,000    | 1,271,502    |
| German-American, N. Y.                          | 9,278,636     | 3,000,000   | 1,672,952    | Traders', Ill.....                         | 2,609,928     | † 200,000  | 666,629      |
| Royal, England.....                             | 7,440,282     | † 200,000   | 4,493,136    | Agricultural, N. Y.....                    | 2,532,431     | 500,000    | 962,956      |
| Phoenix, New York.....                          | 7,112,413     | 1,000,000   | 1,778,749    | American Fire, Pa.....                     | 2,440,079     | 500,000    | 595,542      |
| Fire Association, Pa.....                       | 6,315,216     | 500,000     | 550,132      | Western, Canada.....                       | 2,360,886     | 500,000    | 136,713      |
| Phoenix, Ct.....                                | 5,953,444     | 2,000,000   | 1,116,250    | Williamsburgh, C. N. Y.                    | 2,234,923     | † 200,000  | 535,491      |
| Springfield F. & M.....                         | 5,898,887     | 2,000,000   | 1,287,195    | Orient, Ct.....                            | 2,200,723     | 500,000    | 703,588      |
| Pennsylvania.....                               | 5,440,863     | 400,000     | 2,031,551    | Providence-Wash., R. I.                    | 2,188,311     | 500,000    | 380,550      |
| National, Ct.....                               | 5,424,347     | 1,000,000   | 1,481,273    | Norwich Union, Eng.....                    | 2,171,048     | † 200,000  | 451,590      |
| N. British & Mercantile.                        | 5,403,860     | † 200,000   | 2,406,214    | Munich, Germany.....                       | 2,102,495     | † 200,000  | 243,978      |
| Germania, N. Y.....                             | 5,371,211     | 1,000,000   | 3,484,447    | Greenwich, N. Y.....                       | 2,070,226     | 200,000    | 135,556      |
| Queen, New York.....                            | 5,062,846     | 500,000     | 2,307,782    | Buffalo-German, N. Y.                      | 2,054,555     | 200,000    | 1,459,519    |
| Fireman's Fund, Cal.....                        | 4,579,013     | 1,000,000   | 1,542,554    | Girard F. & M., Pa.....                    | 2,045,095     | 300,000    | 647,624      |
| Scottish Union & Nat'l.                         | 4,404,937     | † 200,000   | 2,026,615    | Manchester, England.....                   | 1,869,192     | † 200,000  | 354,690      |
| Connecticut Fire.....                           | 4,318,611     | 1,000,000   | 1,008,423    | Caledonian, Scotland.....                  | 1,865,818     | † 200,000  | 637,559      |
| German, Freeport, Ill.....                      | 3,964,705     | 200,000     | 1,175,275    | London Assurance.....                      | 1,820,341     | † 200,000  | 591,788      |
| Commercial Union, Eng.                          | 3,909,652     | † 200,000   | 948,292      | United Firemen's, Pa.                      | 1,622,347     | 300,000    | 172,026      |
| American, N. J.....                             | 3,925,681     | 600,000     | 1,700,297    | Hamburg, Bremen.....                       | 1,559,725     | † 200,000  | 154,653      |
| Boston, Mass.....                               | 3,642,873     | 1,000,000   | 1,711,927    | Delaware, Pa.....                          | 1,549,923     | 702,875    | 76,566       |
| Glens Falls, N. Y.....                          | 3,549,432     | 200,000     | 2,231,132    | Union Ass'ce, England                      | 1,526,160     | † 200,000  | 431,546      |
| New Hampshire Fire.....                         | 3,474,853     | 1,000,000   | 1,017,832    | Royal Exchange, Eng.                       | 1,510,654     | † 200,000  | 331,907      |
| Hanover Fire, N. Y.....                         | 3,377,575     | 1,000,000   | 564,893      | German, Md.....                            | 1,495,037     | 500,000    | 823,945      |
| Northern Nat'l, Wis.....                        | 3,318,200     | 600,000     | 1,028,201    | Detroit F. & M., Mich.                     | 1,410,985     | 500,000    | 655,774      |
| Niagara Fire, N. Y.....                         | 3,243,675     | 500,000     | 962,567      | Spring Garden, Pa.....                     | 1,397,782     | 400,000    | 105,789      |
| Westchester, N. Y.....                          | 3,207,039     | 300,000     | 1,888,812    | British-America, Can.                      | 1,302,377     | † 200,000  | 298,453      |
| American Central, Mo.....                       | 3,191,538     | 1,000,000   | 1,252,992    | Firemen's, Md.....                         | 1,294,755     | 400,000    | 473,590      |
| Franklin, Pa.....                               | 3,087,001     | 400,000     | 1,078,240    | Roches, German, N. Y.                      | 1,289,983     | 200,000    | 521,595      |
| St. Paul F. & M., Minn.....                     | 3,008,314     | 500,000     | 835,543      |                                            |               |            |              |

\* Annual statements of the fire insurance companies are rendered to the insurance departments during the month of January; therefore the statistics of condition January 1, 1903, were not ready when this publication went to press.

† The New York law requires a deposit of \$200,000 from foreign companies with the insurance department. This is treated by the department as "deposit capital," and the surplus stated in the next column is "surplus beyond deposit capital" and other liabilities.

### ANNUAL PROPERTY LOSSES IN THE UNITED STATES BY FIRES—1875-1902.

| YEARS.    | Aggregate Property Loss. | Aggregate Insurance Loss. | YEARS.              | Aggregate Property Loss. | Aggregate Insurance Loss. |
|-----------|--------------------------|---------------------------|---------------------|--------------------------|---------------------------|
| 1875..... | \$78,102,285             | \$99,325,400              | 1890.....           | \$108,993,792            | \$65,015,465              |
| 1876..... | 64,680,600               | 34,374,500                | 1891.....           | 143,764,967              | 90,576,914                |
| 1877..... | 68,265,800               | 37,398,900                | 1892.....           | 151,516,098              | 93,511,936                |
| 1878..... | 64,315,900               | 26,575,900                | 1893.....           | 167,544,370              | 105,994,577               |
| 1879..... | 77,703,700               | 44,464,700                | 1894.....           | 140,006,484              | 89,574,699                |
| 1880..... | 74,643,400               | 42,525,000                | 1895.....           | 142,110,293              | 84,689,020                |
| 1881..... | 81,280,900               | 44,641,900                | 1896.....           | 118,737,420              | 73,903,800                |
| 1882..... | 84,505,024               | 48,875,131                | 1897.....           | 116,354,570              | 66,722,140                |
| 1883..... | 100,149,238              | 54,808,664                | 1898.....           | 130,893,905              | 73,786,080                |
| 1884..... | 110,005,611              | 60,679,818                | 1899.....           | 153,597,830              | 92,683,715                |
| 1885..... | 102,818,796              | 57,430,789                | 1900.....           | 160,929,805              | 95,403,560                |
| 1886..... | 104,924,750              | 60,506,567                | 1901.....           | 174,150,680              | 106,680,590               |
| 1887..... | 120,283,055              | 69,659,508                | 1902.....           | †140,000,000             | †80,000,000               |
| 1888..... | 110,885,665              | 63,965,724                | Total 28 years..... | \$3,213,874,701          | \$1,887,466,483           |
| 1889..... | 123,046,833              | 73,679,465                |                     |                          |                           |

\* Estimated.

The figures in the last table, from 1875 to 1901, inclusive, are taken from The Chronicle Fire Tables.

## Production of Crude Petroleum in the United States.

| YEAR<br>ENDING<br>JUNE 30 | PRODUCTION.*                |               | EXPORTATION MINERAL REFINED, OR MANUFACTURED.† |                                                  |                          |                                                         | TOTAL<br>(Including Residuum.‡) |              |
|---------------------------|-----------------------------|---------------|------------------------------------------------|--------------------------------------------------|--------------------------|---------------------------------------------------------|---------------------------------|--------------|
|                           | Barrels (of<br>42 gallons). | Gallons.      | Mineral<br>Crude.<br>Gallons.                  | Naphthas,<br>Benzine, Gas-<br>oline.<br>Gallons. | Illuminating<br>Gallons. | Lubricating<br>(Heavy Paraff-<br>ine, etc.)<br>Gallons. | Gallons.                        | Value.       |
| 1890.....                 | 35,163,513                  | 1,476,867,546 | 95,450,653                                     | 12,337,433                                       | 522,995,090              | 30,162,522                                              | 664,008,170                     | \$51,403,089 |
| 1891.....                 | 45,829,672                  | 1,924,552,224 | 91,415,095                                     | 12,171,147                                       | 571,119,805              | 32,514,730                                              | 709,812,439                     | 52,026,734   |
| 1892.....                 | 54,291,980                  | 2,280,963,160 | 103,592,767                                    | 12,797,978                                       | 564,596,658              | 33,591,076                                              | 715,365,819                     | 44,805,992   |
| 1893.....                 | 50,509,136                  | 2,121,383,712 | 111,703,506                                    | 17,304,005                                       | 642,239,816              | 39,432,657                                              | 804,221,230                     | 42,142,058   |
| 1894.....                 | 48,412,666                  | 2,033,331,972 | 121,926,349                                    | 15,555,754                                       | 730,268,626              | 40,190,577                                              | 908,252,814                     | 41,499,806   |
| 1895.....                 | 49,344,516                  | 2,072,469,622 | 111,285,264                                    | 14,801,224                                       | 714,859,144              | 43,418,942                                              | 884,502,082                     | 46,660,082   |
| 1896.....                 | 52,982,276                  | 2,221,475,592 | 110,923,620                                    | 12,319,319                                       | 716,455,565              | 50,525,530                                              | 890,458,994                     | 62,383,403   |
| 1897.....                 | 60,960,261                  | 2,560,335,162 | 131,726,243                                    | 14,219,028                                       | 771,306,626              | 50,199,345                                              | 973,514,946                     | 62,635,037   |
| 1898.....                 | 60,475,516                  | 2,539,971,672 | 113,297,397                                    | 16,252,929                                       | 824,426,581              | 60,299,365                                              | 1,034,249,576                   | 56,125,578   |
| 1899.....                 | 55,264,233                  | 2,325,397,756 | 113,088,060                                    | 16,282,785                                       | 722,279,480              | 67,424,393                                              | 999,713,706                     | 56,273,168   |
| 1900.....                 | 57,076,850                  | 2,396,975,700 | 133,023,656                                    | 21,868,093                                       | 721,027,637              | 74,583,769                                              | 967,252,341                     | 76,611,750   |
| 1901.....                 | 63,363,929                  | 2,661,294,933 | 138,445,430                                    | 17,834,244                                       | 781,207,105              | 71,457,605                                              | 1,034,543,990                   | 71,112,788   |
| 1902.....                 | .....                       | .....         | 133,536,800                                    | 22,438,479                                       | 842,629,070              | 76,035,611                                              | 1,106,208,470                   | 72,302,822   |

\* Production is for calendar year preceding the fiscal year. † Export statistics for the fiscal years ending June 30. ‡ Residuum—tar, pitch, and all other from which the light bodies have been distilled. In 1898 this amounted to 19,973,604 gallons, in 1899 to 30,668,958 gallons, in 1900 to 16,629,186 gallons, in 1901 to 25,696,596 gallons, in 1902 to 30,309,510 gallons.

The above is compiled from the Report of the Bureau of Statistics of the Treasury Department.

Over 5,000,000,000 gallons of petroleum, according to the office of the Geological Survey, are now produced annually in the world. Of this amount 2,500,000,000 are produced in the United States, 2,250,000,000 in Russia, and the remainder is distributed among a dozen countries, Austria producing 87,000,000; Sumatra, 72,000,000; Java, 30,000,000; Canada, 29,000,000; Germany, 15,000,000. The United States exported \$75,612,000 and Russia \$23,670,000 worth of mineral oil in 1900.

## Production of Copper, Tin, and Zinc.

THE production of copper in the world in 1901, stated in long tons, was as follows: United States, 270,998; Spain and Portugal, 54,482; Chile, 31,299; Japan, 27,916; Germany, 22,069; Mexico, 33,943; Australasia, 31,371; South Africa, 6,503; other countries, 53,567; total, 532,148 tons.

The copper production of the United States in 1900, in pounds, was distributed as follows: Arizona, 115,403,846; California, 29,639,987; Colorado, 7,826,949; Michigan, 144,227,340; Montana, 254,460,713; Utah, 18,504,726; Eastern and Southern States, 6,918,122; all others, 12,536,850; copper in sulphate (a), 11,313,962. (a) Including only the copper in sulphate obtained as a by-product.

The production of tin in the world in 1901, in long tons, was as follows: England, 4,125; Straits Settlements, 49,925; Australasia, 3,345; Banka, Billiton, and Singkep, 19,365; Bolivia, 9,670; India and China, 2,650; United States, none; total, 89,080.

The production of zinc in the world in 1900, in metric tons, was as follows: Austria, 6,836; Belgium, Holland, and the Rhine district of Germany, 189,301; Upper Silesia, 102,316; France, 38,000; Spain, 6,200; United Kingdom, 30,307; Russia, 5,969; United States, 111,794; total, 490,973. The production in the United States in 1901 was 127,751 metric tons, or 140,822 short tons; the distribution being: Kansas, 74,270 tons; Illinois and Indiana, 44,896 tons; Missouri, 13,083 tons; South and East, 8,603 tons.

The statistics of Production of Copper, Tin, and Zinc, and those of Pig Iron and Steel, which follow, were compiled for THE WORLD ALMANAC by Joseph Struthers, editor of "The Mineral Industry."

Production of Pig Iron and Steel  
IN PRINCIPAL COUNTRIES, IN METRIC TONS.

| YEAR.     | AUSTRIA-HUNGARY. |            | BELGIUM.       |            | CANADA.              |           | FRANCE.    |            | GERMANY.  |  |
|-----------|------------------|------------|----------------|------------|----------------------|-----------|------------|------------|-----------|--|
|           | Pig Iron.        | Steel.     | Pig Iron.      | Steel.     | Pig Iron.            | Pig Iron. | Steel.     | Pig Iron.  | Steel.    |  |
| 1897..... | 1,165,128        | 553,000    | 1,035,037      | 527,617    | 49,497               | 2,481,191 | 994,891    | 6,864,405  | 5,091,294 |  |
| 1898..... | 1,286,383        | 605,500    | 979,755        | 567,728    | 69,248               | 2,525,100 | 1,174,000  | 7,115,927  | 5,734,307 |  |
| 1899..... | 1,323,999        | 1,127,104  | 1,036,185      | 729,820    | 95,582               | 2,575,400 | 1,240,000  | 7,160,203  | 6,290,434 |  |
| 1900..... | 1,311,949        | 1,145,654  | 1,161,180      | 655,199    | 87,612               | 2,714,298 | 1,565,164  | 7,549,655  | 6,645,869 |  |
| 1901..... | *1,300,000       | *1,142,000 | 765,420        | 526,670    | 248,896              | 2,400,240 | 1,465,071  | 7,835,204  | 6,394,222 |  |
| YEAR.     | ITALY.           |            | RUSSIA.        |            | SPAIN.               |           | SWEDEN.    |            |           |  |
|           | Pig Iron.        | Steel.     | Pig Iron.      | Steel.     | Pig Iron.            | Steel.    | Pig Iron.  | Steel.     |           |  |
| 1897..... | 8,393            | 63,940     | 1,880,135      | 831,000    | 293,841              | 121,100   | 538,197    | 268,300    |           |  |
| 1898..... | 12,387           | 87,467     | 2,241,290      | 1,095,000  | 229,754              | 112,605   | 531,765    | 263,700    |           |  |
| 1899..... | 19,218           | 108,501    | 2,708,749      | 1,321,328  | 266,385              | 117,650   | 497,727    | 273,454    |           |  |
| 1900..... | 23,990           | 115,887    | 2,895,636      | 1,830,269  | 293,788              | 144,355   | 526,868    | 300,536    |           |  |
| 1901..... | *25,000          | *120,000   | *2,750,000     | *1,815,000 | 294,118              | 122,954   | 528,375    | 269,897    |           |  |
| YEAR.     | UNITED KINGDOM.  |            | UNITED STATES. |            | ALL OTHER COUNTRIES. |           | TOTALS.    |            |           |  |
|           | Pig Iron.        | Steel.     | Pig Iron.      | Steel.     | Pig Iron.*           | Steel.*   | Pig Iron.  | Steel.     |           |  |
| 1897..... | 8,930,066        | 4,559,736  | 9,807,123      | 7,289,300  | 450,000              | 310,000   | 33,506,093 | 20,610,178 |           |  |
| 1898..... | 8,819,968        | 4,639,042  | 11,962,317     | 9,075,783  | 545,000              | 355,000   | 36,418,900 | 23,710,432 |           |  |
| 1899..... | 9,572,173        | 5,080,000  | 13,833,634     | 10,532,765 | 625,000              | 400,000   | 39,722,260 | 27,520,966 |           |  |
| 1900..... | 9,003,046        | 5,130,800  | 14,009,870     | 10,382,069 | 625,000              | 400,000   | 40,198,892 | 28,175,793 |           |  |
| 1901..... | 7,886,019        | 5,060,000  | 16,132,403     | 13,889,173 | 635,000              | 405,000   | 40,500,680 | 31,029,987 |           |  |

\* Estimated.

# Mineral Products of the United States.

| PRODUCTS.                      | Customary Meas-ures. | 1900.                |              |                       |             | 1901.                |              |                       |             |
|--------------------------------|----------------------|----------------------|--------------|-----------------------|-------------|----------------------|--------------|-----------------------|-------------|
|                                |                      | QUANTITY.            |              | Value, Pl. Prod'n.(a) |             | QUANTITY.            |              | Value, Pl. Prod'n.(a) |             |
|                                |                      | Customary Meas-ures. | Metric Tons. | Totals.               | Per M. Ton. | Customary Meas-ures. | Metric Tons. | Totals.               | Per M. Ton. |
|                                |                      |                      |              |                       |             |                      |              |                       |             |
| <b>ORES AND MINERALS.</b>      |                      |                      |              |                       |             |                      |              |                       |             |
| (First Products.)              |                      |                      |              |                       |             |                      |              |                       |             |
| Asbestos.....                  | Sh. T.               | 1,100                | 998          | \$16,500              | \$16.53     | 747                  | 678          | \$13,498              | \$19.91     |
| Asphaltum.....                 | Sh. T.               | 11,140               | 10,106       | 218,520               | 21.62       | 21,916               | 19,887       | 383,359               | 19.28       |
| Asphaltic limestone.....       | Sh. T.               | 3,910                | 3,547        | 16,830                | 4.74        | 6,970                | 6,325        | 33,375                | 5.28        |
| Bituminous sandstone.....      | Sh. T.               | 34,277               | 31,996       | 138,892               | 4.47        | 34,248               | 31,078       | 138,601               | 4.46        |
| Barytes.....                   | Sh. T.               | 41,466               | 23,820       | 161,717               | 4.30        | 49,070               | 44,328       | 157,944               | 3.54        |
| Bauxite.....                   | Sh. T.               | 23,445               | 23,900       | 85,922                | 3.61        | 18,905               | 19,214       | 75,914                | 4.16        |
| Bismuth ore.....               | Sh. T.               | 221                  | 200          | 26,500                | 120.50      | 319                  | 288          | 25,888                | 88.19       |
| Bromine.....                   | Lb.                  | 521,444              | 336          | 140,790               | 596.57      | 552,023              | 250          | 149,405               | 596.18      |
| Calcium borate (c).....        | Sh. T.               | 25,350               | 22,921       | 532,350               | 23.15       | 23,321               | 21,075       | 1,012,118             | 48.02       |
| Cement, natural hydraulic..... | Bbls. g              | 9,177,222            | 1,248,828    | 4,308,709             | 3.45        | 7,064,823            | 965,921      | 3,056,278             | 3.17        |
| Cement, Portland.....          | Bbls. h              | 7,991,639            | 1,449,994    | 10,461,910            | 7.21        | 12,711,225           | 2,306,756    | 12,532,360            | 5.43        |
| Chromite ore.....              | L. T.                | Nil.                 | Nil.         | Nil.                  | Nil.        | 368                  | 374          | 5,790                 | 15.48       |
| Clay products.....             |                      |                      |              | 78,704,678            |             |                      |              | 110,211,887           |             |
| Coal, anthracite.....          | Sh. T.               | 57,464,235           | 52,131,212   | 102,972,586           | 1.97        | 67,471,667           | 61,226,558   | 112,504,020           | 1.84        |
| Coal, bituminous.....          | Sh. T.               | 210,821,727          | 191,356,212  | 219,460,521           | 1.15        | 224,869,091          | 203,964,932  | 236,309,811           | 1.16        |
| Coal, cannel.....              | Sh. T.               | 19,471               | 26,736       | 88,413                | 3.37        | ff                   | ff           | 336,309,811           | 1.16        |
| Cobalt oxide.....              | Lb.                  | 12,270               | k 5,566      | 22,045                | k 3.91      | 13,360               | k 6,062      | 34,048                | k 9.97      |
| Copper sulphate (f).....       | Lb.                  | 78,218,478           | 35,480 m     | 3,903,102             | 110.01      | 78,004,257           | 35,282 m     | 3,674,000             | 104.13      |
| Corundum.....                  | Sh. T.               | 830                  | 753          | 58,100                | 77.16       |                      |              |                       |             |
| Emerald.....                   | Sh. T.               | 4,200                | 3,810        | 189,000               | 49.06       | 4,305                | 3,905        | 146,400               | 37.40       |
| Feldspar.....                  | L. T.                | 29,447               | 29,918       | 126,773               | 4.57        | 31,019               | 31,517       | 220,422               | 6.99        |
| Flopperspar.....               | Sh. T.               | 21,656               | 19,646       | 114,430               | 5.82        | 19,586               | 17,773       | 113,803               | 6.40        |
| Fluorspar.....                 | Sh. T.               | 11,813               | 10,717       | 70,565                | 6.58        | 10,967               | 9,949        | 80,697                | 8.11        |
| Garnet.....                    | Sh. T.               | 3,285                | 2,980        | 22,801                | 31.14       | 4,444                | 4,033        | 188,100               | 39.20       |
| Gilsonite.....                 | Lb.                  | 3,279                | 9,275        | 35,407                | 1.50        |                      |              | 1,853                 | 46,000      |
| Graphite, crystalline.....     | Sh. T.               | 4,103,052            | k 1,861,132  | 164,122               | k 0.9       | 3,957,612            | k 1,800,187  | 135,914               | k 7.08      |
| Graphite, amorphous.....       | Sh. T.               | 1,015                | 948          | 8,640                 | 9.11        | 809                  | 734          | 31,800                | 43.32       |
| Gypsum.....                    | Sh. T.               | 484,202              | 439,265      | 1,316,255             | 3.00        | 659,659              | 598,027      | 1,577,493             | 2.84        |
| Iron ore.....                  | L. T.                | 25,917,393           | 26,332,071   | 77,752,179            | 2.95        | 28,887,479           | 29,359,323   | 49,256,245            | 1.60        |
| Lepidolite.....                | Sh. T.               | 100                  | 91           | 3,700                 | 40.66       | e 110                | 100          | 4,070                 | 40.66       |
| Magnesite (c).....             | Sh. T.               | 2,708                | 2,456        | 11,332                | 4.82        | 13,172               | 11,949       | 43,057                | 3.60        |
| Manganese ore (i).....         | L. T.                | 218,222              | 221,714      | 461,994               | 2.08        | 638,795              | 648,016      | 1,644,117             | 2.63        |
| Mica, scrap.....               | Sh. T.               | 5,417                | 4,914        | e 42,889              | 8.73        | 2,165                | 1,964        | 19,719                | 10.04       |
| Mica, sheet.....               | Lb.                  | 127,241              | k 57,718     | 82,508                | k 1.43      | 360,060              | k 163,322    | 98,858                | k 1.61      |
| Molybdenum ore.....            | Sh. T.               | 24                   | 24           | 1,200                 | 54.55       | 15                   | 15           | 750                   | 5.14        |
| Monazite.....                  | Lb.                  | 908,000              | 412          | 50,880                | 193.01      | 748,736              | 340          | 59,893                | 174.30      |
| Natural gas.....               |                      |                      |              | e 15,500,000          |             |                      |              | 27,067,500            |             |
| Ochre (p).....                 | Sh. T.               | 41,917               | n 38,027     | 467,087               | 12.13       | 43,036               | n 39,042     | 516,206               | 13.48       |
| Petroleum, crude.....          | Bbls. v              | 62,538,544           | 8,749,458    | 74,246,582            | 6.48        | 69,389,194           | 8,839,263    | 66,417,333            | 7.51        |
| Phosphate rock.....            | L. T.                | 1,527,711            | 1,552,154    | 5,375,956             | 3.46        | 1,480,358            | 1,504,538    | 5,354,022             | 3.56        |
| Precious stones.....           |                      |                      |              | 200,000               |             |                      |              | 289,050               |             |
| Pyrites.....                   | L. T.                | 201,317              | 204,538      | 684,478               | 3.35        | 224,825              | 228,661      | 1,024,449             | 4.29        |
| Salt (q).....                  | Bbls.                | 20,738,729           | 2,633,967    | 6,459,006             | 2.44        | 20,566,661           | 2,613,299    | 6,617,409             | 2.53        |
| Silica, brick.....             | L. T.                |                      |              | 916,819               |             | 55,000               |              | 1,018,000             |             |
| Silicomaneous earth.....       | Sh. T.               | 49,581               | 1,247        | 9,875                 | 7.76        | 4,920                | 3,617        | 52,950                | 14.52       |
| Flint.....                     | Sh. T.               | 35,915               | 32,582       | 81,400                | 2.59        | 31,420               | 31,234       | 149,298               | 4.78        |
| Sand, etc.....                 | L. T.                | e 875,000            | 889,000      | e 1,312,500           | 1.48        | e 900,000            | 914,100      | e 1,353,912           | 1.48        |
| Pumice.....                    | Sh. T.               | 250                  | 227          | n 1,250               | 5.51        | Nil.                 |              |                       |             |
| Grindstones.....               | Sh. T.               | 42,039               | 38,138       | 482,462               | 12.65       | bb 16,807            | 15,247       | 165,665               | 10.86       |
| Whetstones.....                |                      |                      |              | 84,874                |             |                      |              | 153,300               |             |
| Tripoli.....                   | Sh. T.               | 1,846                | 1,675        | 3,987                 | 2.38        | ee                   |              |                       |             |
| Slate, roofing.....            | Sq'ies.              | 990,336              | 299,388      | 2,885,153             | 1.291       | 1,304,379            | 394,072      | 4,114,410             | 13.15       |
| Manufactures.....              |                      |                      |              | 502,081               |             |                      |              | 673,115               |             |
| Pigment.....                   | Sh. T.               | 8,617                | 6,003        | 22,787                | 12.13       | 4,865                | 4,413        | 41,211                | 9.34        |
| Soapstone.....                 | Sh. T.               | 18,356               | 17,197       | 189,580               | 11.02       | cc                   |              |                       |             |
| Soda, natural (r).....         | Sh. T.               | 14,100               | 12,791       | 195,700               | 15.27       | 15,000               | 13,608       | 197,000               | 14.48       |
| Stone, for building.....       |                      |                      |              | e 41,400,000          |             |                      |              | 55,615,926            |             |
| Stone, limestone (flux).....   | L. T.                | 6,790,200            | 6,898,843    | 3,866,708             | .53         | 8,540,168            | 8,679,656    | 4,658,836             | .54         |
| Stone, lithographic.....       | Sh. T.               | 40                   | 36           | n 2,000               | 55.56       |                      |              |                       |             |
| Sulphur.....                   | L. T.                | 4,630                | 4,704        | m 102,991             | 21.70       | 7,690                | 6,978        | m 223,430             | 32.02       |
| Sulphuric acid (f l).....      | Sh. T.               | 85,090               | 77,111       | m 2,045,950           | 26.53       | 98,000               | 88,905 m     | 2,293,200             | 25.75       |
| Talc, common.....              | Sh. T.               | 7,770                | 7,049        | 60,217                | 5.74        | dd 28,643            | 25,984       | 421,888               | 16.28       |
| Talc, fibrous.....             | Sh. T.               | 45,000               | 40,824       | 236,250               | 8.59        | 69,220               | 62,778       | 483,600               | 7.89        |
| Tungsten ore.....              | Sh. T.               | 49                   | 24           | 33,200                | 157.14      | 160                  | 162          | 102,500               | 301.47      |
| Uranium ore.....               | Sh. T.               | 153                  | 139          | e 45,900              | 330.22      | 375                  | 340          | 322,425               | 47.39       |
| Zinc sulphate.....             | Sh. T.               | 527                  | 478          | 22,657                | 47.40       | 7,500                | 6,804        | 322,425               | 47.39       |
| Zinc ore, exported.....        | Sh. T.               | 42,662               | 38,156       | 1,133,663             | 30.00       | 44,156               | 40,058       | 1,167,084             | 29.15       |
| Zinc, white (s).....           | Sh. T.               | 47,151               | 42,775       | 3,772,080             | 88.18       | 46,500               | 42,185       | 3,720,000             | 88.18       |
| Zinc-lead.....                 | Sh. T.               |                      |              |                       |             | 2,500                |              | 150,000               | 66.14       |
| Est. product unspecified.....  |                      |                      |              | 5,000,000             |             |                      |              | 5,000,000             |             |
| <b>Totals.....</b>             |                      |                      |              | <b>672,090,416</b>    |             |                      |              | <b>723,348,715</b>    |             |
| <b>METALS.</b>                 |                      |                      |              |                       |             |                      |              |                       |             |
| Aluminum.....                  | Lb.                  | 7,150,000            | k 3,243,219  | m\$2,288,000          | k \$0.71    | 7,150,000            | k 3,243,219  | \$2,298,000           | k \$1.69    |
| Antimony.....                  | Lb.                  | 3,200,000            | 1,452        | 301,440               | 207.60      | 5,298,000            | 2,404        | 541,000               | 225.74      |
| Copper.....                    | Lb.                  | 600,832,505          | 279,536      | 97,755,449            | 358.69      | 597,443,212          | 270,998      | 86,829,565            | 319.67      |
| Manganese (u).....             | L. T.                | 255,977              | 260,073      | 22,825,468            | 87.77       | 291,461              | 295,124      | 16,889,660            | 56.21       |
| Ferromolybdenum.....           | Lb.                  | 11,000               | 5            | 12,100                | 2,420.00    | 16,000               | 7            | 19,600                | 2,800.00    |
| Ferrotungsten.....             | Lb.                  |                      |              | Nil.                  |             | 13,000               | 6            | 3,770                 | 628.34      |
| Gold.....                      | Oz. w.               | 3,781,310            | k 117,611    | 78,159,674            | k 664.60    | 3,880,578            | k 120,699    | 80,218,800            | k 664.60    |
| Iron, pig.....                 | L. T.                | 13,583,65            | 13,749,797   | 260,184,857           | 18.49       | 15,586,893           | 15,836,232   | 292,800,328           | 14.70       |
| Lead.....                      | Oz. w.               |                      |              | 311                   |             | 252                  |              | 5,060                 | 29.00       |
| Lead.....                      | Sh. T.               | 275,907              | 250,301      | 24,114,272            | 96.34       | 270,700              | 245,644      | 23,280,200            | 94.77       |
| Molybdenum.....                | Lb.                  | 39,000               | k 14,515     | 45,080                | k 3.17      | 35,000               | 16           | 62,125                | 3,882.81    |

## MINERAL PRODUCTS OF THE UNITED STATES—Continued.

| PRODUCTS.                                | Customary Measures. | 1900.               |              |                          |             | 1901.               |              |                          |             |
|------------------------------------------|---------------------|---------------------|--------------|--------------------------|-------------|---------------------|--------------|--------------------------|-------------|
|                                          |                     | QUANTITY.           |              | Value, U. S. Prod'n. (a) |             | QUANTITY.           |              | Value, U. S. Prod'n. (a) |             |
|                                          |                     | Customary Measures. | Metric Tons. | Totals.                  | Per M. Ton. | Customary Measures. | Metric Tons. | Totals.                  | Per M. Ton. |
| Nickel                                   | Lb.                 | 9,715               | k 4,407      | m \$4,534                | k \$1.02    | 6,700               | 3,040        | \$3,551                  | k \$1.17    |
| Platinum                                 | Oz. w.              | 123                 | k 5.4        | 3,111                    | k 57.87     | 1,408               | k 4          | 27,526                   | 625.59      |
| Quicksilver (x)                          | Pks.                | 27,855              |              | 1,98,851                 | 1,332.84    | 29,727              | 1,031        | 1,382,305                | 1,340.74    |
| Silver                                   | Oz. w.              | 59,561,797          | k 1,852,564  | 36,576,900               | k 19.74     | 59,653,788          | k 1,855,455  | 35,165,902               | k 18.95     |
| Tungsten                                 | Lb.                 | 57,000              | 25,555       | 51,800                   | 2.01        | 75,000              | 34           | 45,750                   | 1,345.59    |
| Zinc                                     | sh. T.              | 123,231             | 111,794      | 10,819,682               | 96.78       | 140,822             | 127,788      | 11,265,760               | 88.16       |
| Totals                                   |                     |                     |              | 524,432,533              |             |                     |              | 490,279,923              |             |
| SECONDARY MINERAL AND CHEMICAL PRODUCTS. |                     |                     |              |                          |             |                     |              |                          |             |
| Alum                                     | Sh. T.              | 50,531              | 18,626       | 615,830                  | 33.07       | 7,755               | 7,036        | 208,846                  | 29.68       |
| Aluminum sulphate                        | Sh. T.              | 61,678              | 55,954       | 1,480,272                | 26.45       | 74,721              | 67,756       | 1,355,729                | 20.00       |
| Ammonium sulphate                        | Sh. T.              | 63,933              | 53,000       | 3,651,680                | 62.46       | 65,138              | 60,000       | 3,665,400                | 61.09       |
| Carbonium                                | Lb.                 | 2,401,000           | 1,079        | 215,090                  | 198.43      | 3,838,175           | 1,741        | 445,185                  | 198.41      |
| Cement, slag                             | Bls. h.             | 490,150             | 88,932       | 622,190                  | 7.00        | 272,679             | 49,490       | 346,380                  | 7.00        |
| Coal                                     | Sh. T.              | 19,206,991          | 17,474,471   | 50,272,050               | 2.89        | 21,789,949          | 19,773,690   | 44,431,522               | 2.25        |
| Copperas                                 | Sh. T.              | 12,374              | 11,226       | 96,517                   | 8.59        | 23,585              | 21,397       | 112,766                  | 5.25        |
| Crushed steel                            | Sh. T.              | 345                 | 313          | 43,300                   | 154.23      | 345                 | 313          | 37,950                   | 121.25      |
| Graphite, artificial                     | Lb.                 | 860,750             | k 390,434    | 68,860                   | k 1.18      | 2,500,000           | k 1,134,301  | 119,000                  | k 1.10      |
| Lead, white                              | Sh. T.              | 96,408              | 87,468       | 9,910,742                | 113.31      | 100,787             | 91,433       | 11,252,653               | 123.07      |
| Lead, red                                | Sh. T.              | 10,099              | 9,161        | 1,050,192                | 114.64      | 13,103              | 11,887       | 1,338,550                | 121.55      |
| Lead, orange mineral                     | Sh. T.              | 825                 | 748          | 100,150                  | 134.56      | 1,087               | 986          | 224,667                  | 227.86      |
| Litharge                                 | Sh. T.              | 10,492              | 9,491        | 1,067,124                | 112.44      | 9,460               | 8,582        | 979,566                  | 114.11      |
| Mineral wool                             | Sh. T.              | 6,002               | 5,445        | 60,320                   | 11.08       | 6,272               | 5,690        | 68,982                   | 12.25       |
| Soda, manufactured                       | M. T.               |                     | 390,000      | 7,000,500                | 17.95       |                     | 480,000      | 8,311,400                | 17.33       |
| Venetian red                             | Sh. T.              | 6,352               | 5,762        | 110,658                  | 19.21       | 9,201               | 8,247        | 153,467                  | 18.9        |
| Totals                                   |                     |                     |              | 76,372,375               |             |                     |              | 73,068,974               |             |

## METALS PRODUCED FROM FOREIGN ORES AND BULLION (aa).

| METALS.                  | Customary Measures. | 1900.               |            |                 | 1901.               |            |                 |
|--------------------------|---------------------|---------------------|------------|-----------------|---------------------|------------|-----------------|
|                          |                     | QUANTITY.           |            | Values.         | QUANTITY.           |            | Values.         |
|                          |                     | Customary Measures. | Kilograms. |                 | Customary Measures. | Kilograms. |                 |
| Copper                   | Pounds              | 62,481,299          | 28,342,688 | \$10,166,194    | 102,645,963         | 46,520,209 | \$16,536,265    |
| Gold                     | Troy oz.            | 1,945,319           | 60,605     | 40,275,883      | 1,730,556           | 53,835     | 35,776,794      |
| Lead                     | Short tons          | 103,341             | 93,750,340 | 9,432,003       | 20,184,972          | 1,927,716  | 1,927,716       |
| Nickel                   | Pounds              | 7,713,129           | 3,488,648  | 3,589,713       | 8,664,614           | 3,830,198  | 4,037,710       |
| Silver                   | Troy oz.            | 46,618,726          | 1,450,024  | 33,291,146      | 45,410,085          | 1,412,404  | 27,850,005      |
| Total values             |                     |                     |            | \$96,364,939    |                     |            | \$36,128,490    |
| Total ores and minerals  |                     |                     |            | 672,086,716     |                     |            | 72,348,715      |
| Total metals             |                     |                     |            | 524,432,533     |                     |            | 490,279,923     |
| Total secondary products |                     |                     |            | 76,372,375      |                     |            | 73,068,974      |
| Grand total values       |                     |                     |            | \$1,069,256,563 |                     |            | \$1,372,826,102 |

(a) Except where otherwise specified. (c) Amount or value of crude mineral. (d) Partly estimated. (e) Estimated. (f) Includes by-product production. (g) Barrels of 300 lbs. (h) Barrels of 400 lbs. (i) Includes manganese iron ore; this is not duplicated in the report of iron ore. (j) Value per square, i. e. 100 sq. ft., lapped and laid; the weights are calculated on the basis 3 squares = 2,000 lbs., but these figures are only approximately correct. (k) Kilograms or per kilogram. (l) Reduced to a basis of 66° B. (m) Average market price at New York. (n) Nominal. (o) Value before grinding. (p) Includes ochre, umber, sienna, and oxide of iron. (q) Includes salt used for the manufacture of alkali; the barrel of salt weighs 280 lbs. (r) Reduced to a basis of 58 per cent ash. (s) Includes a small amount made from spelter. (t) Average value of lake copper at New York, less 0.25c. per lb. (u) Includes spiegelstein, though the total value is reckoned as if the whole product were ferromanganese. (v) Average market price at Pittsburgh. (w) Troy oz. (x) Slabs of 76.5 lbs. (y) Barrels of 42 gals. (z) Includes a comparatively small amount made directly from ores. (aa) Not included in the preceding tables. (bb) Does not include 40,930 picos of unspecified weight. (cc) Included with common talc. (dd) Includes Tripoli. (ee) Included with diatomaceous earth. (ff) Included with bituminous.

Sh. T., short tons (2,000 lbs.); L. T., long tons (2,240 lbs.); M. T., metric tons (2,204.6 lbs.).

The foregoing statistics of "Mineral Products of the United States" were compiled by Joseph Struthers, editor of "The Mineral Industry."

## Manufactures of Iron and Steel—Census Reports.\*

| GEOGRAPHIC DIVISIONS. | Year. | Number of Establishments. | WAGE-EARNERS, \$ |                 |               | Cost of Materials Used. | Value of Products. | Tons of Products. |
|-----------------------|-------|---------------------------|------------------|-----------------|---------------|-------------------------|--------------------|-------------------|
|                       |       |                           | Capital.         | Average Number. | Total Wages.  |                         |                    |                   |
| United States         | 1900  | 669                       | \$350,530,484    | 222,607         | \$120,836,338 | \$2,431,701             | \$604,034,918      | 29,507,860        |
|                       | 1890  | 719                       | 1,414,044,844    | 171,181         | 89,273,956    | 327,572,845             | 678,687,519        | 16,264,478        |
|                       | 1880  | 792                       | 209,904,965      | 140,798         | 55,451,510    | 191,271,150             | 296,557,785        | 6,486,733         |
| New England States    | 1900  | 18                        | 21,778,391       | 8,248           | 4,517,060     | 10,141,357              | 18,303,510         | 903,265           |
|                       | 1890  | 32                        | 13,224,150       | 6,645           | 3,224,318     | 9,286,050               | 15,105,441         | 1,165,643         |
|                       | 1880  | 49                        | 10,490,405       | 8,654           | 3,367,911     | 9,518,570               | 14,558,697         | 150,161           |
| Middle States         | 1900  | 352                       | 338,821,893      | 186,070         | 69,549,433    | 308,765,137             | 475,451,098        | 16,111,525        |
|                       | 1890  | 290                       | 256,833,059      | 106,108         | 56,166,425    | 199,925,674             | 394,048,006        | 9,475,941         |
|                       | 1880  | 440                       | 132,814,213      | 75,055          | 31,348,225    | 113,422,592             | 180,348,560        | 4,011,380         |
| Southern States       | 1900  | 97                        | 46,028,040       | 21,890          | 8,567,814     | 41,133,966              | 63,771,161         | 3,468,680         |
|                       | 1890  | 109                       | 43,051,652       | 17,651          | 6,863,185     | 27,047,767              | 39,982,152         | 2,051,507         |
|                       | 1880  | 130                       | 21,942,311       | 19,728          | 5,916,808     | 13,739,624              | 23,006,074         | 549,317           |
| Western States        | 1900  | 202                       | 162,841,360      | 66,409          | 38,191,041    | 162,391,251             | 246,115,114        | 9,724,390         |
|                       | 1890  | 188                       | 100,935,973      | 41,377          | 23,020,028    | 91,713,354              | 129,551,520        | 4,520,837         |
|                       | 1880  | 173                       | 44,668,033       | 37,361          | 14,226,506    | 54,380,364              | 76,508,424         | 1,735,875         |

\* This summary includes only active establishments. † Gross ton of 2,240 pounds. ‡ Includes rented property valued in 1900 at \$16,968,821; in 1890 at \$5,273,058. § Exclusive of salaried officials and clerks.



## The Public Lands of the United States.

(Prepared for THE WORLD ALMANAC by the General Land Office, November, 1902.)

THE following is a tabular statement showing land surface area and the number of acres of public lands surveyed in the following land States and Territories up to June 30, 1902; also the total area of the public domain remaining unsurveyed within the same, etc.:

| LAND STATES AND TERRITORIES. | AREA, LAND SURFACE. |               | Number of Acres of Public Land Surveyed Up to June 30, 1901. | Total Area of Public and Indian Lands Remaining Unserved, Including the Area of Private Land Claims. | LAND STATES AND TERRITORIES. | AREA, LAND SURFACE. |               | Number of Acres of Public Land Surveyed Up to June 30, 1901. | Total Area of Public and Indian Lands Remaining Unserved, Including the Area of Private Land Claims. |
|------------------------------|---------------------|---------------|--------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------|---------------------|---------------|--------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
|                              | Acres.              | Square Miles. |                                                              |                                                                                                      |                              | Acres.              | Square Miles. |                                                              |                                                                                                      |
| Alabama...                   | 32,657,920          | 51,028        | 32,657,920                                                   | .....                                                                                                | Nevada.....                  | 70,336,640          | 109,901       | 37,454,761                                                   | 32,881,879                                                                                           |
| Arkansas...                  | 33,543,680          | 52,412        | 33,543,680                                                   | .....                                                                                                | N. Dakota...                 | 44,910,080          | 70,172        | 38,576,146                                                   | 6,333,934                                                                                            |
| California...                | 99,969,920          | 156,203       | 76,777,988                                                   | 23,191,932                                                                                           | Ohio.....                    | 26,062,720          | 40,723        | 26,062,720                                                   | .....                                                                                                |
| Colorado.....                | 66,348,160          | 103,669       | 63,204,698                                                   | 4,143,462                                                                                            | Oregon.....                  | 61,277,440          | 95,746        | 46,852,518                                                   | 14,424,922                                                                                           |
| Florida.....                 | 35,072,640          | 54,801        | 30,835,559                                                   | 4,237,081                                                                                            | S. Dakota...                 | 49,206,400          | 76,885        | 19,878,698                                                   | 32,662,832                                                                                           |
| Illinois.....                | 35,842,560          | 56,004        | 35,842,560                                                   | .....                                                                                                | Utah.....                    | 52,541,440          | 82,036        | 45,516,114                                                   | 3,690,286                                                                                            |
| Indiana.....                 | 22,950,400          | 35,860        | 22,950,400                                                   | .....                                                                                                | Wisconsin...                 | 35,274,880          | 55,117        | 35,274,880                                                   | .....                                                                                                |
| Iowa.....                    | 35,646,080          | 55,697        | 35,646,080                                                   | .....                                                                                                | Washingt'n                   | 42,746,880          | 66,792        | 27,902,980                                                   | 14,943,900                                                                                           |
| Idaho.....                   | 53,293,440          | 83,271        | 20,518,716                                                   | 32,774,724                                                                                           | Wyoming...                   | 62,433,280          | 97,582        | 54,768,664                                                   | 7,664,616                                                                                            |
| Kansas.....                  | 29,055,360          | 45,399        | 27,175,212                                                   | 1,880,148                                                                                            | Alaska.....                  | 368,103,680         | 575,162       | .....                                                        | 3,369                                                                                                |
| Louisiana...                 | 36,819,200          | 57,530        | 36,819,200                                                   | .....                                                                                                | Arizona.....                 | 72,792,320          | 113,738       | 18,502,317                                                   | 368,100,311                                                                                          |
| Mississippi...               | 51,198,080          | 79,997        | .....                                                        | .....                                                                                                | Indian Ter.                  | 19,658,880          | 30,717        | 19,658,880                                                   | 64,290,003                                                                                           |
| Minnesota...                 | 29,685,120          | 46,383        | 29,685,120                                                   | .....                                                                                                | N. Mexico...                 | 78,428,800          | 122,545       | 51,098,563                                                   | 27,330,207                                                                                           |
| Missouri.....                | 43,795,840          | 68,431        | 43,795,840                                                   | .....                                                                                                | Oklahoma...                  | 24,774,400          | 38,710        | 24,695,192                                                   | 79,208                                                                                               |
| Montana.....                 | 93,593,600          | 146,240       | 35,830,096                                                   | 57,763,504                                                                                           | Total.....                   | 1,809,339,840       | 2,827,406     | 1,119,910,456                                                | 768,629,384                                                                                          |
| Nebraska.....                | 49,137,280          | 76,777        | 49,087,856                                                   | 49,424                                                                                               |                              |                     |               |                                                              |                                                                                                      |

\* There were 91,212 acres resurveyed in Cheyenne and Cherry Counties, Nebraska, not counted in this column.

† This estimate is of a very general nature, and affords no index to the disposable volume of land remaining nor the amount available for agricultural purposes. It includes Indian and other public reservations, unsurveyed private land claims, as well as surveyed private land claims, in the districts of Arizona, California, Colorado, and New Mexico; the sixteenth and thirty-sixth sections reserved for common schools; unsurveyed lands embraced in railroad, swamp land, and other grants; the great mountain areas; the areas of unsurveyed rivers and lakes, and large areas wholly unproductive and unavailable for ordinary purposes.

### PUBLIC LANDS VACANT AND SUBJECT TO ENTRY AND SETTLEMENT IN THE PUBLIC LAND STATES AND TERRITORIES, JULY 1, 1902.

| STATES AND TERRITORIES. | Surveyed Land, Acres. | Unsurveyed Land, Acres. | Total Area, Acres. | STATES AND TERRITORIES. | Surveyed Land, Acres. | Unsurveyed Land, Acres. | Total Area, Acres. |
|-------------------------|-----------------------|-------------------------|--------------------|-------------------------|-----------------------|-------------------------|--------------------|
| Alabama.....            | 304,060               | .....                   | 304,060            | Montana.....            | 17,454,210            | 43,985,304              | 61,439,514         |
| Alaska.....             | .....                 | 367,993,506             | 367,993,506        | Nebraska.....           | 8,980,857             | 8,980,857               | 8,980,857          |
| Arizona.....            | 11,156,846            | 36,137,316              | 47,293,662         | Nevada.....             | 30,154,755            | 31,145,063              | 61,299,818         |
| Arkansas.....           | 3,009,215             | .....                   | 3,008,215          | New Mexico...           | 40,821,541            | 14,335,575              | 55,157,116         |
| California.....         | 33,601,480            | 7,350,954               | 41,552,434         | North Dakota...         | 10,121,977            | 4,949,600               | 15,071,477         |
| Colorado.....           | 34,130,115            | 4,294,297               | 38,424,412         | Oklahoma.....           | 3,789,976             | .....                   | 3,789,976          |
| Florida.....            | 1,275,244             | 160,070                 | 1,435,314          | Oregon.....             | 23,597,960            | 8,275,711               | 31,873,671         |
| Illinois.....           | 12,375,308            | 29,927,351              | 42,302,659         | South Dakota...         | 10,965,547            | 397,866                 | 11,363,413         |
| Indiana.....            | 149,608               | .....                   | 149,608            | Utah.....               | 10,865,862            | 31,242,617              | 42,108,479         |
| Iowa.....               | 145,055               | 65,018                  | 210,073            | Washington.....         | 4,945,116             | 6,128,145               | 11,073,261         |
| Kansas.....             | 386,170               | .....                   | 386,170            | Wisconsin.....          | 139,244               | .....                   | 139,244            |
| Louisiana...            | 1,533,655             | 2,019,508               | 3,553,143          | Wyoming.....            | 40,804,945            | 2,978,368               | 43,783,313         |
| Mississippi...          | 152,640               | .....                   | 152,640            | Total.....              | 301,979,307           | 591,976,169             | 893,955,476        |
| Minnesota...            | 269,541               | .....                   | 269,541            |                         |                       |                         |                    |

\* The unreserved lands in Alaska are mostly unsurveyed and unappropriated.

The receipts of the General Land Office in the fiscal year ended June 30, 1902, were: From disposal of public land, \$5,880,088 65; disposal of Indian land, \$288,666.68; deprecations on public land, \$41,415.97; sales of timber (act March 3, 1891, and act June 4, 1897), \$27,478.70; sales of Government property, \$1,014.45; for furnishing of records and plats, \$23,262.73. Total receipts, \$6,261,927.18.

Railroads during the fiscal year selected 4,848,845.70 acres, wagon roads 156,131.66 acres, and State selections were 2,507.71 acres.

## PUBLIC LANDS OF THE UNITED STATES—Continued.

STATEMENT OF NUMBER OF ACRES ENTERED ANNUALLY UNDER THE HOMESTEAD AND TIMBER CULTURE ACTS, FROM JULY 1, 1866, TO JUNE 30, 1902, INCLUSIVE.

| YEAR ENDING JUNE 30. | Homestead Entries. | Timber Culture. | YEAR ENDING JUNE 30. | Homestead Entries. | Timber Culture. | YEAR ENDING JUNE 30. | Homestead Entries. | Timber Culture. |
|----------------------|--------------------|-----------------|----------------------|--------------------|-----------------|----------------------|--------------------|-----------------|
| 1867                 | 1,834,513          | .....           | 1879                 | 5,267,385          | 2,775,503       | 1891                 | 5,040,393          | 969,006         |
| 1868                 | 2,332,151          | .....           | 1880                 | 6,054,708          | 2,169,484       | 1892                 | 7,716,062          | 41,375          |
| 1869                 | 2,698,482          | .....           | 1881                 | 5,028,101          | 1,763,799       | 1893                 | 6,808,791          | 10,989          |
| 1870                 | 3,754,203          | .....           | 1882                 | 6,348,045          | 2,546,686       | 1894                 | 8,046,968          | 4,209           |
| 1871                 | 4,657,955          | .....           | 1883                 | 8,171,914          | 3,110,930       | 1895                 | 5,009,491          | 3,589           |
| 1872                 | 4,595,435          | .....           | 1884                 | 7,831,510          | 4,084,464       | 1896                 | 4,830,915          | 1,226           |
| 1873                 | 3,760,200          | 50,246          | 1885                 | 7,415,886          | 4,755,006       | 1897                 | 4,452,289          | 646             |
| 1874                 | 3,489,570          | 851,226         | 1886                 | 9,145,136          | 5,391,309       | 1898                 | 6,206,557          | 160             |
| 1875                 | 2,369,782          | 473,694         | 1887                 | 7,594,350          | 4,224,397       | 1899                 | 6,177,587          | 80              |
| 1876                 | 2,867,814          | 599,918         | 1888                 | 6,670,616          | 3,735,305       | 1900                 | 8,478,409          | 640             |
| 1877                 | 2,176,257          | 524,552         | 1889                 | 6,029,230          | 2,551,069       | 1901                 | 9,497,275          | None.           |
| 1878                 | 4,496,855          | 1,902,038       | 1890                 | 5,531,678          | 1,787,403       | 1902                 | 14,033,246         | None.           |

## FOREST RESERVES.

The area covered by the forest reserves in each State or Territory, the per cent of the State or Territory so covered, and the per cent which such areas constitute of the total area of all the forest reserves will be seen by the following table:

| STATES AND TERRITORIES. | Estimated Area of Forest Reserves. | Area of State or Territory. | State or Territory Covered by Forest Reserves. | Total Area of all Forest Reserves. | STATES AND TERRITORIES. | Estimated Area of Forest Reserves. | Area of State or Territory. | State or Territory Covered by Forest Reserves. | Total Area of all Forest Reserves. |
|-------------------------|------------------------------------|-----------------------------|------------------------------------------------|------------------------------------|-------------------------|------------------------------------|-----------------------------|------------------------------------------------|------------------------------------|
|                         | Acres.                             | Acres.                      | Per Cent.                                      | Per Cent.                          |                         | Acres.                             | Acres.                      | Per Cent.                                      | Per Cent.                          |
| Alaska.....             | 4,909,880                          | 383,645,440                 | 1.2                                            | 8.1                                | N. Mexico.....          | 3,258,080                          | 78,519,680                  | 4.0                                            | 5.4                                |
| Arizona.....            | 6,740,410                          | 73,876,800                  | 9.2                                            | 11.2                               | Oklahoma.....           | 57,120                             | 24,833,120                  | .2                                             | .1                                 |
| California.....         | 8,784,009                          | 101,369,120                 | 8.6                                            | 14.6                               | Oregon.....             | 4,596,760                          | 61,974,320                  | 7.2                                            | 7.6                                |
| Colorado.....           | 3,113,180                          | 66,540,160                  | 4.6                                            | 5.2                                | S. Dakota.....          | 1,177,120                          | 49,874,400                  | 2.2                                            | 2.0                                |
| Idaho.....              | 4,147,200                          | 53,649,920                  | 7.6                                            | 6.9                                | Utah.....               | 1,029,760                          | 54,353,920                  | 1.8                                            | 1.7                                |
| Montana.....            | 7,427,320                          | 94,119,040                  | 7.8                                            | 12.4                               | Washington.....         | 7,036,000                          | 45,167,360                  | 15.5                                           | 11.7                               |
| Nebraska.....           | 208,902                            | 49,619,840                  | .4                                             | .3                                 | Wyoming.....            | 7,690,024                          | 62,641,920                  | 11.3                                           | 12.8                               |

## UNITED STATES LAND OFFICES.

| STATE OR TERRITORY. | Land Office.      | STATE OR TERRITORY. | Land Office.  | STATE OR TERRITORY. | Land Office.    |
|---------------------|-------------------|---------------------|---------------|---------------------|-----------------|
| Alabama.....        | Huntsville.       | Kansas.....         | Dodge City.   | Oklahoma.....       | Alva.           |
| Alaska.....         | Montgomery.       | ".....              | Topeka.       | ".....              | El Reno.        |
| Arizona.....        | Juneau.           | ".....              | Wakeeney.     | ".....              | Guthrie.        |
| Arizona.....        | Prescott.         | Louisiana.....      | Natchitoches. | ".....              | Kingfisher.     |
| Arkansas.....       | Tucson.           | ".....              | New Orleans.  | ".....              | Lawton.         |
| ".....              | Camden.           | Michigan.....       | Marquette.    | ".....              | Mangum.         |
| ".....              | Dardanelle.       | Minnesota.....      | Cookette.     | ".....              | Oklahoma.       |
| ".....              | Harrison.         | ".....              | Duluth.       | ".....              | Woodward.       |
| California.....     | Little Rock.      | ".....              | Marshall.     | Oregon.....         | Lagrande.       |
| ".....              | Eureka.           | Mississippi.....    | St. Cloud.    | ".....              | Lakeview.       |
| ".....              | Independence.     | Missouri.....       | Jackson.      | ".....              | Oregon City.    |
| ".....              | Los Angeles.      | ".....              | Boonville.    | ".....              | Burns.          |
| ".....              | Marysville.       | ".....              | Ironton.      | ".....              | Roseburgh.      |
| ".....              | Redding.          | ".....              | Springfield.  | ".....              | The Dalles.     |
| ".....              | Sacramento.       | Montana.....        | Bozeman.      | So. Dakota.....     | Aberdeen.       |
| ".....              | San Francisco.    | ".....              | Great Falls.  | ".....              | Chamberlain.    |
| ".....              | Stockton.         | ".....              | Helena.       | ".....              | Huron.          |
| ".....              | Susanville.       | ".....              | Kalispell.    | ".....              | Mitchell.       |
| Colorado.....       | Visalia.          | ".....              | Lewistown.    | ".....              | Pierre.         |
| ".....              | Akron.            | ".....              | Miles City.   | ".....              | Rapid City.     |
| ".....              | Del Norte.        | Nebraska.....       | Missoula.     | ".....              | Watertown.      |
| ".....              | Denver.           | ".....              | Alliance.     | Utah.....           | Salt Lake City. |
| ".....              | Durango.          | ".....              | Brokenbow.    | Washington.....     | North Yakima.   |
| ".....              | Glenwood Springs. | ".....              | Lincoln.      | ".....              | Olympia.        |
| ".....              | Gunnison.         | ".....              | McCook.       | ".....              | Seattle.        |
| ".....              | Hugo.             | ".....              | North Platte. | ".....              | Spokane.        |
| ".....              | Lamar.            | ".....              | O'Neill.      | ".....              | Vancouver.      |
| ".....              | Leadville.        | ".....              | Sidney.       | ".....              | Walla Walla.    |
| ".....              | Montrose.         | ".....              | Valentine.    | ".....              | Waterville.     |
| ".....              | Pueblo.           | Nevada.....         | Carson City.  | Wisconsin.....      | Ashland.        |
| ".....              | Sterling.         | New Mexico.....     | Clayton.      | ".....              | Eau Claire.     |
| Florida.....        | Gainesville.      | ".....              | Las Cruces.   | ".....              | Wausau.         |
| Idaho.....          | Blackfoot.        | ".....              | Roswell.      | Wyoming.....        | Buffalo.        |
| ".....              | Boise.            | ".....              | Santa Fé.     | ".....              | Cheyenne.       |
| ".....              | Coeur d'Alene.    | No. Dakota.....     | Bismarck.     | ".....              | Douglas.        |
| ".....              | Hailey.           | ".....              | Devil's Lake. | ".....              | Eravston.       |
| ".....              | Lewiston.         | ".....              | Fargo.        | ".....              | Lander.         |
| Iowa.....           | Des Moines.       | ".....              | Grand Forks.  | ".....              | Sundance.       |
| Kansas.....         | Colby.            | ".....              | Minot.        |                     |                 |

## SURVEYORS-GENERAL.

Alaska, Sitka.  
 Arizona, Tucson.  
 California, San Francisco.  
 Colorado, Denver.  
 Florida, Tallahassee.  
 Idaho, Boise.

Louisiana, New Orleans.  
 Minnesota, St. Paul.  
 Montana, Helena.  
 Nevada, Reno.  
 New Mexico, Santa Fé.  
 North Dakota, Bismarck.

Oregon, Portland.  
 South Dakota, Huron.  
 Utah, Salt Lake City.  
 Washington, Olympia.  
 Wyoming, Cheyenne.

## The Submarine Cables of the World.

(From report issued by the International Bureau of Telegraph Administrations.)

THE following table sets forth the entire system of submarine cables of the world, including those along the shores and in the bays, gulfs, and estuaries of rivers but excepting those in lakes and the interior watercourses of continents. The list includes all cables operated by private companies, and in addition thereto under the name of each nation is given the list of cables operated by the government of that nation.

| COMPANIES.                                                                                                                              | Number of Cables. | Length of Cables in Nautical Miles. | COMPANIES.                                                         | Number of Cables. | Length of Cables in Nautical Miles. |
|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------------|--------------------------------------------------------------------|-------------------|-------------------------------------|
| <i>Anglo-American Telegraph Co.</i> .....                                                                                               | 14                | 9,554                               | <i>Direct Spanish Telegraph Co.</i> .....                          | 4                 | 716                                 |
| Transatlantic System—Valentia (Ireland) to Heart's Content (Newfoundland).                                                              |                   |                                     | <i>Direct West India Cable Co.</i> .....                           | 2                 | 1,265                               |
| Minon, near Brest (France), to St. Pierre-Miquelon.                                                                                     |                   |                                     | Bermuda—Turk's Island, and Turk's Island-Jamaica.                  |                   |                                     |
| <i>Commercial Cable Co.</i> .....                                                                                                       | 10                | 12,867                              | <i>Eastern and South African Telegraph Co.</i> .....               | 15                | 9,077                               |
| Transatlantic System—Waterville (Ireland) to Canso (Nova Scotia).                                                                       |                   |                                     | <i>Eastern Extension Australasia and China Telegraph Co.</i> ..... | 35                | 19,698                              |
| Canso, N. S., to New York.                                                                                                              |                   |                                     | <i>Eastern Telegraph Co.</i> .....                                 | 96                | 43,744                              |
| Canso, N. S., to Rockport, Mass.                                                                                                        |                   |                                     | Anglo-Spanish-Portuguese System.                                   |                   |                                     |
| Emden, Germany, via Azores, to New York.                                                                                                |                   |                                     | System West of Malta.                                              |                   |                                     |
| <i>Direct United States Cable Co.</i> .....                                                                                             | 2                 | 3,100                               | Italo-Greek System.                                                |                   |                                     |
| Ballinskellig's Bay (Ireland) to Halifax (Nova Scotia).                                                                                 |                   |                                     | Austro-Greek System.                                               |                   |                                     |
| Halifax, N. S., to Rye Beach, N. H.                                                                                                     |                   |                                     | Greek System.                                                      |                   |                                     |
| <i>Western Union Telegraph Co.</i> .....                                                                                                | 13                | 7,478                               | Turko-Greek System.                                                |                   |                                     |
| Transatlantic System—Sennen Cove, near Penzance, England, to Dover Bay, near Canso, N. S.                                               |                   |                                     | Turkish System.                                                    |                   |                                     |
| Dover Bay, N. S., to New York.                                                                                                          |                   |                                     | Egypto-European System.                                            |                   |                                     |
| Gulf of Mexico System.                                                                                                                  |                   |                                     | Egyptian System.                                                   |                   |                                     |
| <i>Compagnie Française des Câbles Télégraphiques.</i> .....                                                                             | 32                | 12,102                              | Egypto-Indian System.                                              |                   |                                     |
| Brest (France) to Cape Cod, Mass.                                                                                                       |                   |                                     | Cape Town to St. Helena.                                           |                   |                                     |
| Brest (France) to St. Pierre-Miq.                                                                                                       |                   |                                     | St. Helena to Ascension Island.                                    |                   |                                     |
| St. Pierre to Cape Cod, Mass.                                                                                                           |                   |                                     | Ascension Island to St. Vincent.                                   |                   |                                     |
| Cape Cod, Mass., to New York.                                                                                                           |                   |                                     | Natal-Australia System.                                            |                   |                                     |
| <i>African Direct Telegraph Co.</i> .....                                                                                               | 8                 | 2,943                               | <i>Europe and Azores Telegraph Co.</i> .....                       | 2                 | 1,053                               |
| <i>Brick Sea Telegraph Co.</i> .....                                                                                                    | 1                 | 337                                 | <i>Great Northern Telegraph Co.</i> .....                          | 30                | 7,946                               |
| <i>Western Telegraph Co.</i> .....                                                                                                      | 27                | 17,260                              | Cables in Europe and Asia.                                         |                   |                                     |
| Carcavellos, near Lisbon (Portugal), to Madeira, to St. Vincent (Cape Verde Island), to Pernambuco, Rio de Janeiro, Santos, Montevideo. |                   |                                     | <i>Halifax and Bermuda Cable Co.</i> .....                         | 1                 | 849                                 |
| <i>Central and South American Telegraph Co.</i> .....                                                                                   | 14                | 7,500                               | <i>Indo-European Telegraph Co.</i> .....                           | 3                 | 23                                  |
| <i>Compagnie Allemande des Câbles.</i> .....                                                                                            | 3                 | 5,253                               | India Rubber, Gutta Percha, and Telegraph Works Co.....            | 3                 | 145                                 |
| <i>Compañia Telegrafico-Telefonica del Plata.</i> .....                                                                                 | 1                 | 28                                  | <i>Mexican Telegraph Co.</i> .....                                 | 3                 | 1,528                               |
| <i>Cuba Submarine Telegraph Co.</i> .....                                                                                               | 10                | 1,143                               | <i>River Plate Telegraph Co.</i> .....                             | 1                 | 32                                  |
|                                                                                                                                         |                   |                                     | <i>South American Cable Co.</i> .....                              | 2                 | 2,049                               |
|                                                                                                                                         |                   |                                     | <i>United States and Hayti Telegraph and Cable Co.</i> .....       | 1                 | 1,391                               |
|                                                                                                                                         |                   |                                     | <i>West African Telegraph Co.</i> .....                            | 12                | 3,220                               |
|                                                                                                                                         |                   |                                     | <i>West Coast of America Telegraph Co.</i> .....                   | 7                 | 1,979                               |
|                                                                                                                                         |                   |                                     | <i>West India &amp; Panama Telegraph Co.</i> .....                 | 24                | 4,639                               |
|                                                                                                                                         |                   |                                     | Grand total.....                                                   | 376               | 173,919                             |

### CABLES OWNED BY NATIONS.

|                                |     |       |                                    |       |        |
|--------------------------------|-----|-------|------------------------------------|-------|--------|
| Austria.....                   | 44  | 217   | Egypt.....                         | 1     | 187    |
| Belgium.....                   | 2   | 54    | Argentine Republic and Brazil..... | 40    | 99     |
| Denmark.....                   | 86  | 288   | Australia and New Zealand.....     | 35    | 2,484  |
| France.....                    | 64  | 5,333 | Bahama Islands.....                | 1     | 213    |
| Germany.....                   | 70  | 2,887 | British America.....               | 1     | 169    |
| Great Britain and Ireland..... | 173 | 2,074 | British India.....                 | 9     | 2,002  |
| Greece.....                    | 46  | 54    | Cochin China and Tonquin.....      | 3     | 1,699  |
| Holland.....                   | 32  | 241   | Japan.....                         | 119   | 2,022  |
| Italy.....                     | 39  | 1,060 | Macao.....                         | 1     | 2      |
| Norway.....                    | 556 | 543   | Nouvelle Calédonie.....            | 1     | 1      |
| Portugal.....                  | 4   | 113   | Netherlands Indies.....            | 8     | 1,163  |
| Russia.....                    | 10  | 319   | Senegal, Africa.....               | 1     | 3      |
| Spain.....                     | 15  | 1,743 | Siam.....                          | 3     | 13     |
| Sweden.....                    | 16  | 209   | Nouvelle Galles du Sud.....        | 4     | 31     |
| Switzerland.....               | 2   | 9     |                                    |       |        |
| Turkey.....                    | 23  | 344   | Total.....                         | 1,388 | 25,608 |

A cable owned by the United States of America extends from Skagway to Juneau, Alaska.

# Telegraph Rates

BETWEEN NEW YORK CITY AND PLACES IN UNITED STATES AND CANADA.  
 EXPLANATION: Day rate, 40-3, means 40 cents for ten words and 3 cents for each additional word; night rate, 30-2, means 30 cents for ten words and 2 cents for each additional word. Address and signature are free. Rates given are Western Union rates.

| PLACES.                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | RATE.   |         | PLACES.                                                                                                                                                                                                                                                             | RATE.   |         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Day.    | Night.  |                                                                                                                                                                                                                                                                     | Day.    | Night.  |
| ALABAMA.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 50-3    | 30-2    | Minneapolis, Red Wing, St. Paul, Stillwater, Wabasha, Winona..                                                                                                                                                                                                      | 50-3    | 30-2    |
| ALASKA:                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |         |         | All other places.....                                                                                                                                                                                                                                               | 60-4    | 40-3    |
| Eagle City.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4.70-31 | 4.70-30 | MISSISSIPPI.....                                                                                                                                                                                                                                                    | 50-3    | 30-2    |
| Juneau.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5.70-39 | 5.70-38 | MISSOURI: St. Louis.....                                                                                                                                                                                                                                            | 40-3    | 30-2    |
| Skagway, Summit.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 5.00-32 | 5.00-31 | Hannibal, Jefferson City, Kansas City, Louisiana, Sedalia, St. Joseph.....                                                                                                                                                                                          | 50-3    | 30-2    |
| Valdez.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4.90-33 | 4.90-32 | All other places.....                                                                                                                                                                                                                                               | 60-4    | 40-3    |
| ARIZONA.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1.00-7  | 1.00-7  | MONTANA.....                                                                                                                                                                                                                                                        | 75-5    | 60-4    |
| ARKANSAS: Helena, Hot Springs, Little Rock, Pine Bluff.....                                                                                                                                                                                                                                                                                                                                                                                                                          | 50-3    | 30-2    | NEBRASKA: Omaha.....                                                                                                                                                                                                                                                | 50-3    | 30-2    |
| All other places.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 60-4    | 40-3    | All other places.....                                                                                                                                                                                                                                               | 60-4    | 40-3    |
| BRITISH COLUMBIA: Fort Steele, Grand Forks, Greenwood, Nanaimo, Nelson, New Westminster, Rossland, Vancouver, Victoria.....                                                                                                                                                                                                                                                                                                                                                          | 1.00-7  | 1.00-7  | NEVADA.....                                                                                                                                                                                                                                                         | 1.00-7  | 1.00-7  |
| Atlin.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 3.25-24 | 3.25-23 | New Brunswick: St. Stephen.....                                                                                                                                                                                                                                     | 35-2    | 25-1    |
| Bennett.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 4.50-29 | 4.50-28 | All other places.....                                                                                                                                                                                                                                               | 50-3    | 30-2    |
| Port Simpson.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2.75-19 | 2.75-18 | NEWFOUNDLAND: St. John's..                                                                                                                                                                                                                                          | 1.25-11 | 1.05-10 |
| CALIFORNIA.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1.00-7  | 1.00-7  | NEW HAMPSHIRE.....                                                                                                                                                                                                                                                  | 25-2    | 25-1    |
| COLORADO.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 75-5    | 60-4    | NEW JERSEY:                                                                                                                                                                                                                                                         |         |         |
| CONNECTICUT.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 25-2    | 25-1    | Bloomfield, Carlstadt, East Orange, Elizabeth, Glen Ridge, Hoboken, Jersey City, Montclair, Mountain Station, Newark, Orange, Orange Valley, Passaic, Paterson, Rutherford, South Orange, Union Hill, Weehawken                                                     | 20-1    | 20-1    |
| DELAWARE.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 25-2    | 25-1    | All other places.....                                                                                                                                                                                                                                               | 25-2    | 25-1    |
| DISTRICT OF COLUMBIA.....                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 25-2    | 25-1    | NEW MEXICO:                                                                                                                                                                                                                                                         |         |         |
| FLORIDA.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 60-4    | 40-3    | New York: Astoria, Brooklyn, Caryl, Flatbus, Fordham Heights, Governor's Island, High Bridge, Hunter's Point, Kingsbridge, Long Island City, Morris Heights, New York City, Ravenswood, Riverdale, Spuyten Duyvil, Van Cortlandt, Williamsbridge, Woodlawn, Yonkers | 20-1    | 20-1    |
| GEORGIA.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 50-3    | 30-2    | All other places.....                                                                                                                                                                                                                                               | 25-2    | 25-1    |
| IDAHO.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1.00-7  | 1.00-7  | NORTH CAROLINA.....                                                                                                                                                                                                                                                 | 50-3    | 30-2    |
| ILLINOIS: Chicago, Union Stock Yards, National Stock Yards..                                                                                                                                                                                                                                                                                                                                                                                                                         | 40-3    | 30-2    | NORTH DAKOTA.....                                                                                                                                                                                                                                                   | 75-5    | 60-4    |
| All other places.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 50-3    | 30-2    | NORTHWEST TERRITORIES:                                                                                                                                                                                                                                              |         |         |
| INDIANA: Columbus, Fort Wayne, Hammond, Indianapolis, Jeffersonville, La Fayette, Logansport, New Albany, Richmond, Union City.....                                                                                                                                                                                                                                                                                                                                                  | 40-3    | 30-2    | Caribou Crossing, Tagish.....                                                                                                                                                                                                                                       | 3.50-24 | 3.50-23 |
| All other places.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 50-3    | 30-2    | Dawson (city).....                                                                                                                                                                                                                                                  | 4.25-29 | 4.25-28 |
| INDIAN TERRITORY.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 75-5    | 60-4    | White Horse.....                                                                                                                                                                                                                                                    | 3.75-24 | 3.75-23 |
| IOWA: Burlington, Cedar Rapids, Clinton, Council Bluffs, Davenport, Des Moines, Dubuque, Fort Madison, Grinnell, Iowa City, Keokuk, Muscatine, Newton, Ottumwa, Sioux City, Wilton..                                                                                                                                                                                                                                                                                                 | 50-3    | 30-2    | NOVA SCOTIA.....                                                                                                                                                                                                                                                    | 50-3    | 30-2    |
| All other places.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 60-4    | 40-3    | OHIO: Bellaire, Bridgeport, Brilliant, Martin's Ferry.....                                                                                                                                                                                                          | 35-2    | 25-1    |
| KANSAS: Atchison, Kansas City, Leavenworth.....                                                                                                                                                                                                                                                                                                                                                                                                                                      | 50-3    | 30-2    | All other places.....                                                                                                                                                                                                                                               | 40-3    | 30-2    |
| All other places.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 60-4    | 40-3    | OKLAHOMA TERRITORY.....                                                                                                                                                                                                                                             | 75-5    | 60-4    |
| KENTUCKY: Covington, Lexington, Louisville, Newport.....                                                                                                                                                                                                                                                                                                                                                                                                                             | 40-3    | 30-2    | ONTARIO: Sault Ste. Marie.....                                                                                                                                                                                                                                      | 50-3    | 30-2    |
| All other places.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 50-3    | 30-2    | All other places.....                                                                                                                                                                                                                                               | 40-3    | 30-2    |
| KLONDIKE: See Alaska and Northwest Territories.                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |         | OREGON.....                                                                                                                                                                                                                                                         | 1.00-7  | 1.00-7  |
| LOUISIANA.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 60-4    | 40-3    | PENNSYLVANIA: Philadelphia..                                                                                                                                                                                                                                        | 20-1    | 20-1    |
| MAINE.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 25-2    | 25-1    | All other places.....                                                                                                                                                                                                                                               | 25-2    | 25-1    |
| MANITOBA.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 75-5    | 60-4    | QUEBEC: Stanstead.....                                                                                                                                                                                                                                              | 25-2    | 25-1    |
| MARYLAND:                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |         |         | All other places.....                                                                                                                                                                                                                                               | 40-3    | 30-2    |
| Aberdeen, Aiken, Annapolis, Ashland, Baltimore, Barclay Sta., Black's, Centertown, Chesapeake City, Chestertown, Childs, Colora, Conowingo, Cordova, Cumberland, Elkton, Frederick, Goldsboro, Golt, Greensboro, Hagerstown, Hancock, Havre de Grace, Henderson, Kennedyville, Lambson, Leslie, Lynch's, Marydell, Massey, Millington, North East, Octorora, Perryville, Port Deposit, Price's, Queen Anne, Ridgely, Rising Sun, Rowlandsville, Singlerly, Sudlersville, Worton..... | 25-2    | 25-1    | RHODE ISLAND.....                                                                                                                                                                                                                                                   | 25-2    | 25-1    |
| Berlin, Easton, Federalsburg, Salisbury.....                                                                                                                                                                                                                                                                                                                                                                                                                                         | 30-2    | 25-1    | SOUTH CAROLINA.....                                                                                                                                                                                                                                                 | 50-3    | 30-2    |
| All other places.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 40-3    | 30-2    | SOUTH DAKOTA.....                                                                                                                                                                                                                                                   | 75-5    | 60-4    |
| MASSACHUSETTS.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 25-2    | 25-1    | TENNESSEE: Bristol, Clarksville, Memphis, Nashville.....                                                                                                                                                                                                            | 40-3    | 30-2    |
| MICHIGAN: Ann Arbor, Bay City, Detroit, E. Saginaw, Flint, Mount Clemens, Port Huron, Saginaw City, So. Bay City, Ypsilanti..                                                                                                                                                                                                                                                                                                                                                        | 40-3    | 30-2    | All other places.....                                                                                                                                                                                                                                               | 50-3    | 30-2    |
| All other places.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 50-3    | 30-2    | TEXAS: Austin, Dallas, Denison, Fort Worth, Gainesville, Galveston, Houston, Paris, San Antonio, Sherman, Waco.....                                                                                                                                                 | 75-5    | 50-3    |
| MINNESOTA: Duluth, Hastings,                                                                                                                                                                                                                                                                                                                                                                                                                                                         |         |         | All other places.....                                                                                                                                                                                                                                               | 75-5    | 60-4    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |         | UTAH.....                                                                                                                                                                                                                                                           | 75-5    | 60-4    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |         | VERMONT.....                                                                                                                                                                                                                                                        | 25-2    | 25-1    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |         | VIRGINIA:                                                                                                                                                                                                                                                           |         |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |         | Alexandria, Fredericksburg..                                                                                                                                                                                                                                        | 25-2    | 25-1    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |         | Norfolk, Petersburg, Portsmouth, Richmond, Staunton,                                                                                                                                                                                                                |         |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |         | West Norfolk.....                                                                                                                                                                                                                                                   | 35-2    | 25-1    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |         | All other places.....                                                                                                                                                                                                                                               | 40-3    | 30-2    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |         | WASHINGTON.....                                                                                                                                                                                                                                                     | 1.00-7  | 1.00-7  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |         | WEST VIRGINIA: Parkersburg, Piedmont, Wheeling.....                                                                                                                                                                                                                 | 35-2    | 25-1    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |         | All other places.....                                                                                                                                                                                                                                               | 40-3    | 30-2    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |         | WISCONSIN.....                                                                                                                                                                                                                                                      | 50-3    | 30-2    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |         | WYOMING.....                                                                                                                                                                                                                                                        | 75-5    | 60-4    |

TELEGRAPH RATES—Continued.

TELEGRAPH RATES TO FOREIGN COUNTRIES.

These rates are from New York City. The address and signature are included in the chargeable matter, and the length of words is limited to fifteen letters. When a word is composed of more than fifteen letters, every additional fifteen or the fraction of fifteen letters will be counted as a word.

| Per Word.              | Per Word.              | Per Word.                            | Per Word.                  |
|------------------------|------------------------|--------------------------------------|----------------------------|
| Algeria.....\$0.32     | Denmark.....\$0.35     | Melbourne, Vic.....\$0.99            | Santo Domingo.....\$1.32   |
| Alexandria (Egypt) .56 | Ecuador.....1.25       | Mexico City,\$1.75, 10 wds.          | Scotland.....25            |
| Antigua......81        | England......25        | Nassau (Bahamas)......35             | Serbia.....36              |
| Argentina Repub...1.00 | France......25         | Natal (So. Africa)......99           | Siely.....32               |
| Austria......34        | Germany......25        | New South Wales......99              | Siam.....1.19              |
| Barbados......91       | Gibraltar......43      | New Zealand.....1.07                 | Singapore.....1.11         |
| Belgium......25        | Greece......38         | Norway......35                       | Spain.....38               |
| Bermuda......42        | Guatemala......55      | Orange River Col'y......99           | S. Thomas.....96           |
| Bolivia.....1.25       | Havana.....15          | Panama......97                       | Sweden.....39              |
| Brazil.....85 to 1.40  | Hayti.....1.05 to 1.55 | Paraguay.....1.00                    | Switzerland.....30         |
| Bulgaria......38       | Holland......25        | Penang.....1.11                      | Sydney (N. S. W.).....99   |
| Burma......86          | Hungary......34        | Peru.....1.25                        | Tangier.....45             |
| Callao (Peru).....1.25 | India......86          | Philippine Is. (Luzon, Manila, etc.) | Tasmania.....99            |
| Cairo (Egypt).....61   | Ireland.....19.32      | Other islands.....1.76               | Trinidad.....98            |
| Cape Colony (S. Af.)   | Italy.....32           | Porto Rico......75                   | Turkey (Europe).....37     |
| Ceylon......88         | Jamaica......48        | Portugal.....1.76                    | Turkey (Asia).....47       |
| Chile.....1.25         | Japan.....1.76         | Queensland......99                   | Uruguay.....1.00           |
| China.....1.60         | Java.....1.23          | Roumania......36                     | Venezuela.....1.50 to 1.60 |
| Cochin China.....1.35  | Korea (Seoul).....1.76 | Russia (Europe)......43              | Vera Cruz,\$1.75, 10 wds.  |
| Colon......97          | Malta......36          | Russia (Asia, West).....1.00         | Victoria (Aus.).....99     |
| Cyprus......56         | Martinique.....1.00    | Russia (Asia, East)......56          |                            |
| Demerara.....1.44      | Matanzas......20       |                                      |                            |

TELEGRAPH AND TELEPHONE STATISTICS.

THE WESTERN UNION TELEGRAPH COMPANY.

Statement exhibiting the mileage of lines operated, number of offices, number of messages sent, receipts, expenses, and profits for 1870, 1875, 1880, and 1890, and each year from 1895 to 1902 inclusive:

| YEAR.     | Miles of Poles and Cables. | Miles of Wire. | Offices. | Messages.  | Receipts.      | Expenses.      | Profits.       |
|-----------|----------------------------|----------------|----------|------------|----------------|----------------|----------------|
| 1870..... | 54,109                     | 112,191        | 3,972    | 9,157,646  | \$7,138,737.96 | \$4,910,773.42 | \$2,227,965.54 |
| 1875..... | 72,833                     | 179,496        | 6,565    | 17,153,710 | 9,564,574.60   | 6,335,414.77   | 3,229,157.83   |
| 1880..... | 85,645                     | 253,534        | 9,077    | 29,215,509 | 12,782,894.53  | 6,948,956.74   | 5,833,937.79   |
| 1890..... | 163,917                    | 478,997        | 19,382   | 55,878,762 | 25,387,028.91  | 15,074,303.81  | 7,312,725.10   |
| 1895..... | 189,714                    | 802,651        | 21,360   | 59,307,315 | 29,218,019.18  | 16,076,629.97  | 6,141,389.21   |
| 1897..... | 189,818                    | 826,829        | 21,725   | 58,760,444 | 29,612,796.28  | 16,714,756.10  | 5,897,980.18   |
| 1897..... | 189,818                    | 841,002        | 21,769   | 58,151,684 | 29,638,859.16  | 16,906,656.03  | 5,732,203.13   |
| 1898..... | 189,847                    | 874,420        | 22,210   | 62,173,749 | 29,915,792.78  | 17,825,581.52  | 6,090,151.26   |
| 1899..... | 189,856                    | 904,633        | 22,285   | 61,398,157 | 29,954,312.05  | 18,085,579.19  | 5,868,732.86   |
| 1900..... | 193,589                    | 983,153        | 22,900   | 63,167,783 | 34,758,569.55  | 18,592,205.87  | 6,165,363.68   |
| 1901..... | 193,589                    | 972,766        | 23,238   | 65,657,049 | 26,354,150.85  | 19,668,902.63  | 6,685,248.17   |
| 1902..... | 196,115                    | 1,029,984      | 23,567   | 69,374,883 | 28,073,095.10  | 20,780,766.21  | 7,292,328.89   |

The average toll per message in 1868 was 104.7; in 1869 was 31.2; in 1890 was 32.4; in 1891 was 32.5; in 1892 was 31.6; in 1893 was 31.2; in 1894 was 30.5; in 1895 was 30.7; in 1896 was 30.9; in 1897 was 30.5; in 1898 was 30.1; in 1899 was 30.8; in 1900 was 30.8; in 1901 was 30.9; in 1902 was 31.0. The average cost per message to the company in 1868 was 63.4; in 1869 was 22.4; in 1890 was 22.7; in 1891 was 23.2; in 1892 was 22.3; in 1893 was 22.7; in 1894 was 23.3; in 1895 was 23.3; in 1896 was 24.0; in 1897 was 24.3; in 1898 was 24.7; in 1899 was 25.1; in 1900 was 25.1; in 1901 was 25.1; in 1902 was 25.7.

The Postal Telegraph Cable Company also transacts business over a portion of the United States, but the company declines to furnish information of its wire mileage, etc.

GROWTH OF THE TELEGRAPH SERVICE IN THE WORLD.

Number of messages, 1870: Norway, 466,700; Sweden, 590,300; Denmark, 513,623; Germany, 8,207,800; Netherlands, 1,837,800; Belgium, 1,995,800; France, 5,663,800; Switzerland, 1,629,235; Spain, 1,050,000; Italy, 2,189,000; Austria, 3,388,249; Hungary, 1,489,000; United States, 9,187,646; Great Britain and Ireland, 9,650,000.

Number of messages, 1900-1901: Norway, 2,267,915; Sweden, 2,643,742; Denmark, 2,317,979; Germany, 46,008,794; Netherlands, 5,893,872; Belgium, 14,411,487; France, 48,144,151; Switzerland, 3,272,345; Spain, 5,058,104; Italy, 9,064,424; Austria, 15,057,176; Hungary, 14,370,439; Russia, 18,565,867; United States (1902), 85,000,000; Great Britain and Ireland (1901), 89,576,961.

TELEPHONE STATISTICS.

The following are the latest statistics made public by the American (Bell) Telephone Company, which at present practically monopolizes the telephone business of the United States. The figures are for January 1 of each year. (See references to independent telephone companies in "Electrical Progress in 1902.")

|                                | 1899.   | 1900.   | 1901.   | 1902.   |                     | 1899.   | 1900.     | 1901.     | 1902.     |
|--------------------------------|---------|---------|---------|---------|---------------------|---------|-----------|-----------|-----------|
| Exchanges.....                 | 1,126   | 1,239   | 1,348   | 1,411   | Mls. of wire sub'ne | 2,973   | 3,404     | 4,203     | 4,200     |
| Branch offices.....            | 1,008   | 1,187   | 1,427   | 1,594   | Total miles of wire | 772,989 | 1,016,777 | 1,354,202 | 1,729,019 |
| Miles of wire on poles.....    | 396,508 | 509,036 | 627,897 | 823,193 | Total circuits..... | 338,293 | 422,620   | 508,262   | 592,467   |
| Miles of wire on build'gs..... | 15,239  | 15,087  | 16,833  | 17,947  | Total employes..... | 19,688  | 25,741    | 32,837    | 40,864    |
| Miles of wire underground      | 358,184 | 489,250 | 705,269 | 883,679 | Total stations..... | 465,180 | 632,946   | 800,880   | 1,020,647 |

The number of instruments in the hands of licensees under rental at the beginning of 1902 was 2,255,606. The number of exchange connections daily in the United States is 7,531,761, or a total per year of over 2,425,000,000. The average number of daily calls per subscriber is 7.4. The capital of the company is \$104,650,600. The long-distance company had January 1, 1902, 14,886 miles of pole line and cable, and 198,684 miles of wire.

Telephone messages: Austria-Hungary (1900), 132,563,953; Russia (1900), 97,565,867; Germany (1900), 690,956,867; France (1900), 164,912,842; Great Britain (1901), 723,246,368; United States (1902), 2,700,000,000.

## Railroad Statistics.

MILEAGE, ASSETS, LIABILITIES, EARNINGS, EXPENDITURES, AND TRAFFIC OF SURFACE STEAM RAILROADS IN THE UNITED STATES.

This table was compiled from "Poor's Manual of Railroads of the United States for 1902."

|                                        |                  |                                  |                 |
|----------------------------------------|------------------|----------------------------------|-----------------|
| Mileage of Railroads.....              | 195,886.90       | Miles of Railroad Operated.....  | 194,974.96      |
| Second Tracks and Sidings.....         | 70,105.45        | Passenger Train Mileage.....     | 391,543,705     |
| Total Track.....                       | 265,992.35       | Freight " ".....                 | 505,465,619     |
| Steel Rails in Track.....              | 246,811.60       | Mixed " ".....                   | 20,812,955      |
| Iron Rails in Track.....               | 19,180.75        | Total.....                       | 917,825,312     |
| Locomotive Engines, Number..           | 39,729           | Passengers Carried.....          | 600,485,790     |
| Cars, Passenger.....                   | 27,144           | Passenger Mileage.....           | 17,789,669,925  |
| Baggage, Mail, etc.....                | 8,667            | Tons of Freight Moved.....       | 1,084,066,451   |
| Freight.....                           | 1,409,472        | Freight Mileage.....             | 148,959,303,492 |
| Total Cars.....                        | 1,445,283        | <i>Traffic Earnings.</i>         |                 |
| <i>Liabilities.</i>                    |                  | Passengers.....                  | \$360,702,686   |
| Capital Stock.....                     | \$5,978,796,249  | Freight.....                     | 1,126,267,652   |
| Bonded Debt.....                       | 6,035,469,741    | Miscellaneous.....               | 125,478,488     |
| Unfunded Debt.....                     | 312,225,536      | Total Traffic Revenue.....       | \$1,612,448,826 |
| Current Accounts.....                  | 456,798,012      | Net Earnings.....                | \$520,294,727   |
| Sinking and Other Funds.....           | 143,670,983      | Receipts from Other Sources..... | 68,368,814      |
| Total Liabilities.....                 | \$12,926,960,521 | Total Available Revenue.....     | \$588,663,541   |
| <i>Assets.</i>                         |                  | <i>Payments.</i>                 |                 |
| Cost of Railroad and Equipment         | \$10,717,752,155 | Interest on Bonds.....           | \$215,191,176   |
| Other Investments.....                 | 1,976,548,412    | Other Interest.....              | 7,327,334       |
| Sundry Assets.....                     | 390,112,441      | Dividends on Stock.....          | 132,162,935     |
| Current Accounts.....                  | 223,616,024      | Miscellaneous.....               | 36,235,397      |
| Total Assets.....                      | \$13,308,029,032 | Rentals—Interest.....            | 39,127,204      |
| Excess of Assets over Liabilities..... | \$381,068,511    | Dividends.....                   | 24,724,348      |
|                                        |                  | Miscellaneous.....               | 22,586,954      |
|                                        |                  | Total Payments.....              | \$477,355,347   |
|                                        |                  | Surplus.....                     | \$111,308,194   |

### COMPARATIVE STATISTICS OF RAILROADS IN THE UNITED STATES, 1891-1901.

| YEAR. | Miles Operated. | Capital Stock.  | Bonded Debt.    | Gross Earnings. | Net Earnings. | Interest Paid. | Dividends Paid. |
|-------|-----------------|-----------------|-----------------|-----------------|---------------|----------------|-----------------|
| 1891. | 164,324         | \$4,809,176,651 | \$5,235,295,074 | \$1,138,024,459 | \$356,209,880 | \$231,259,810  | \$90,719,757    |
| 1892. | 170,668         | 4,920,555,225   | 5,463,611,204   | 1,204,915,204   | 358,638,520   | 232,569,089    | 95,662,412      |
| 1893. | 173,433         | 5,080,032,904   | 5,570,292,613   | 1,222,618,290   | 364,591,109   | 239,616,284    | 95,337,681      |
| 1894. | 175,508         | 5,075,629,070   | 5,665,734,249   | 1,080,305,015   | 322,539,276   | 237,620,367    | 85,278,669      |
| 1895. | 179,887         | 5,231,373,852   | 5,712,052,517   | 1,105,284,207   | 327,505,716   | 242,943,243    | 83,175,774      |
| 1896. | 180,881         | 5,290,730,567   | 5,426,074,969   | 1,125,632,025   | 332,333,756   | 242,415,494    | 81,364,854      |
| 1897. | 181,133         | 5,453,782,046   | 5,411,058,525   | 1,132,866,626   | 338,170,195   | 231,046,819    | 82,630,989      |
| 1898. | 184,194         | 5,581,522,858   | 5,635,363,594   | 1,249,558,724   | 389,666,474   | 237,133,099    | 94,937,526      |
| 1899. | 186,280         | 5,742,181,181   | 5,644,858,027   | 1,336,096,379   | 423,941,689   | 239,178,913    | 109,032,252     |
| 1900. | 191,511         | 5,804,346,250   | 5,758,592,754   | 1,501,695,378   | 483,247,526   | 244,447,806    | 140,343,653     |
| 1901. | 195,886         | 5,978,796,249   | 6,035,469,741   | 1,612,448,826   | 520,294,727   | 261,645,714    | 156,887,283     |

### SUMMARY OF RAILWAY MILEAGE IN THE UNITED STATES.

(From Statistical Report of the Interstate Commerce Commission.)

| YEAR.     | MILEAGE ON JUNE 30, OF YEARS MENTIONED. |             |            | Increase Over Preceding Year. | Miles of Line per 100 Sq. Miles.* | Miles of Line per 10,000 Inhabitants.† |
|-----------|-----------------------------------------|-------------|------------|-------------------------------|-----------------------------------|----------------------------------------|
|           | Official.                               | Unofficial. | Total.     |                               |                                   |                                        |
| 1901..... | 196,075.07                              | 1,162.37    | 197,237.44 | 3,891.66                      | 6.64                              | 25.52                                  |
| 1900..... | 192,940.67                              | 405.11      | 193,345.78 | 4,051.12                      | 6.51                              | 25.44                                  |
| 1899..... | 188,277.49                              | 1,017.17    | 189,294.66 | 2,898.34                      | 6.37                              | 25.44                                  |
| 1898..... | 185,370.77                              | 1,025.55    | 186,396.32 | 1,967.85                      | 6.28                              | 25.40                                  |
| 1897..... | 182,919.82                              | 1,508.65    | 184,428.47 | 1,651.84                      | 6.21                              | 25.59                                  |
| 1896..... | 181,153.77                              | 1,622.86    | 182,776.63 | 2,119.16                      | 6.15                              | 25.82                                  |
| 1895..... | 179,175.51                              | 1,481.96    | 180,657.47 | 1,948.92                      | 6.08                              | 26.00                                  |
| 1894..... | 176,602.61                              | 2,105.94    | 178,708.55 | 2,247.48                      | 6.02                              | 26.22                                  |

\* On basis of 2,970,038 square miles, which covers "land surface" only, and excludes Alaska.

† On basis of 77,294,575 population for 1901, which is reached by adding to population of the United States in 1900 75,994,575 (which excludes Alaska and persons in the military and naval service stationed abroad), an estimated annual increase of 1,300,000 for 1901.

‡ Excludes 21,80 miles in Alaska.

## Principal Railroad Systems of United States and Canada

WITH A SYNOPSIS OF LAST ANNUAL REPORT OF INCOME AND EXPENDITURE AS SUBMITTED TO "THE WORLD ALMANAC" BY THE RAILROAD COMPANIES.

| SYSTEMS, LOCATION, AND FINANCIAL DATA.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Divisions, Mileage, and Operating Express.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | General Officers.                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Atchison, Topeka and Santa Fe Ry. System.</b><br><b>—"Santa Fe Route."</b><br>[Illinois, Iowa, Missouri, Kansas, Nebraska, Colorado, Indian Territory, Texas, New Mexico, Arizona, California, Oklahoma.]<br><i>for year ending June 30, 1902.</i><br>Total earnings.....\$59,135,055<br>Operating expenses 36,272,432<br>Net earnings.....\$22,862,623<br>Other income..... 1,140,858<br>Total net income.\$24,003,511<br>Total payments..... 21,058,837<br>Surplus..... \$2,944,674                                          | <b>Atchison, Topeka and Santa Fe Ry., 4,843.61 m.; Atchison, Topeka and Santa Fe Ry. Coast Lines, 1,292.78 m.; Gulf, Colorado and Santa Fe Ry., 1,201.83 m.; Southern California Ry., 478.33 m.; Grand Cañon Ry., 66.65 m.; Santa Fe, Prescott and Phoenix Ry., 227.70 m.; Southern Kansas Ry. of Texas, 129.17 m.; Pecos System, 370.24 m.; Gulf, Beaumont and Kansas City Ry., 73.59 m. Total mileage, 8,683.90.</b><br><b>EXPRESS Co.—Wells, Fargo &amp; Co.</b>                                                                                       | <b>President, E. P. Ripley, Chicago, Ill.; 1st Vice-President, E. D. Kenna, Chicago, Ill.; 2d Vice-President, Paul Morton, Chicago, Ill.; 3d Vice-President, J. W. Kendrick, Chicago, Ill.; General Manager, H. U. Mudge, Topeka, Kan.; Secretary, E. Wilder, Topeka, Kan. General Offices, Chicago, Ill., and Topeka, Kan.; New York Offices, 59 Cedar Street, 377 Broadway.</b> |
| <b>Atlantic Coast Line.</b><br>[Virginia, North Carolina, South Carolina, Florida, Kentucky, Indiana, Illinois, Tennessee, Alabama, Louisiana, Mississippi.]<br><i>for year ending June 30, 1902.</i><br>(Report of Plant System.)<br>Total earnings.....\$8,937,843<br>Operating expenses 6,250,641<br>Net earnings.... \$2,687,202<br>Other income..... 181,172<br>Total net income.\$2,868,374<br>Total payments.... 1,838,789<br>Surplus..... \$1,029,585<br><i>This line now controls the Louisville and Nashville R. R.</i> | <b>Norfolk-Rocky Mount, 116 m.; Sumter Br., 121 m.; Wadesboro and Gibson Brs., 102 m.; Augusta and Pagnalls Brs., 213 m.; Richmond, Wilmington and Charleston, 691 m.; Sanford Div., 118 m.; Charleston, S. C. to Port Tampa, Fla., 535 m.; Waycross, Ga., to Tampa, Fla., 332 m.; Montgomery-Waycross Line, 314 m.; Jacksonville-Lakeland Line, 229 m.; Sanford-St. Petersburg Line, 152 m.; Albany-Brunswick Line, 169 m.; branch lines, 1,057 m. Total mileage, 4,249. Charleston and Western Carolina Ry., 342 m.</b><br><b>EXPRESS Co.—Southern.</b> | <b>President, R. G. Erwin; 1st Vice-President, Alex. Hamilton, Petersburg, Va.; 2d Vice-President, C. S. Gadsden, Charleston, S. C.; 3d Vice-President and Traffic Manager, T. M. Emerson; 4th Vice-President and General Manager, J. R. Kenly; Secretary, H. L. Borden, General Offices, Wilmington, N. C.; New York Offices, 353 and 1161 Broadway.</b>                         |
| <b>Baltimore &amp; Ohio R. R.</b><br>[New Jersey, Pennsylvania, Delaware, Maryland, District of Columbia, Virginia, West Virginia, Ohio, Illinois, Indiana, Kentucky, Missouri.]<br><i>for year ending June 30, 1902.</i><br>Total earnings.....\$51,178,060<br>Operating expenses 32,898,563<br>Net earnings.... \$18,289,497<br>Other income..... 2,390,107<br>Total net income.\$20,579,604<br>Interest, rents, etc. 19,661,101<br>Surplus..... \$918,503                                                                      | <b>Lines east of Ohio River, 1,935.64 m.; lines west of Ohio River, 1,503.09 m.; Baltimore and Ohio Southwestern Division, 981.01 m. Total mileage, 4,419.74.</b><br><b>EXPRESS Co.—United States. On Ohio River Div., Adams.</b>                                                                                                                                                                                                                                                                                                                         | <b>President, L. F. Loree; 1st Vice-President, Oscar G. Murray; General Manager, G. L. Potter; Manager Passenger Traffic, D. B. Martin; Manager Freight Traffic, C. S. Wight; Secretary, C. W. Woolford. General Offices, Baltimore, Md.; New York Office, 2 Wall Street. General Offices B. &amp; O. S. W. Div. (Cincinnati, O.; New York Office, 2 Wall Street.</b>             |
| <b>Baltimore and Ohio Southwestern R. R.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Now part of Baltimore and Ohio R. R.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Bangor and Aroostook Railroad.</b><br>[Maine.]<br><i>for year ending June 30, 1902.</i><br>Total earnings..... \$1,708,936<br>Operating expenses 1,101,854<br>Net earnings.... \$607,082<br>Total payments.... 551,821<br>Surplus..... \$55,251                                                                                                                                                                                                                                                                                | <b>Oldtown to Van Buren, Me., 221 m.; Milo Junction to Greenville, 48.8 m.; Ashland Br., 42.8 m.; Fort Fairfield Br., 13.2 m.; Katabdin Iron Works Br., 13 m.; Limestone Br., 15.9 m.; Patten Br., 6.9 m. Total mileage, 361.5.</b><br><b>EXPRESS Co.—American.</b>                                                                                                                                                                                                                                                                                       | <b>President, F. W. Cram; Vice-President, A. A. Bungeigh. General Offices, Bangor, Me.</b>                                                                                                                                                                                                                                                                                        |
| <b>Boston and Albany R. R.</b><br>[Massachusetts, New York.]<br><i>Earnings, expenses, etc., reported by New York Central and Hudson River R. R. Co., Lessee.</i>                                                                                                                                                                                                                                                                                                                                                                 | <b>Main Line, Boston, Mass., to Albany, N. Y., 202 m.; Ware River Br., 49 m.; Athol Br., 45 m.; Pittsfield and North Adams Br., 19 m.; Hudson and Chatham Br., 18 m.; Milford Br., 12 m.; Webster Br., 11 m.; other branches, 39 m. Total mileage, 394.</b><br><b>EXPRESS Co.—Adams; American,</b>                                                                                                                                                                                                                                                        | <b>The Boston and Albany R. R. is leased to the New York Central and Hudson River R. R.</b><br><b>Second Vice-President, Edgar Van Etten; General Manager, W. H. Barnes. General Offices, Boston, Mass.</b>                                                                                                                                                                       |

| SYSTEMS, LOCATION, AND FINANCIAL DATA.                                                                                                                                                                                                                                                                                                                                                                                                                | Divisions, Mileage, and Operating Express.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | General Officers.                                                                                                                                                                                                                                                                                                      |
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| <p><b>Boston and Maine Railroad.</b><br/>[New York, Massachusetts, Vermont, New Hampshire, Maine, Quebec.]<br/><i>For year ending June 30, 1902.</i><br/>Total earnings.....\$31,840,694<br/>Operating expenses 22,433,151<br/>Net earnings.....\$9,407,543<br/>Other income..... 589,901<br/>Total net income. \$9,997,444<br/>Total payments... 8,210,717<br/>Balance.....\$1,786,727<br/>Dividends..... 1,764,359<br/>Surplus..... \$22,368</p>    | <p>Western Div. (Boston to Portland), 115.31 m.; Eastern Div. (Boston to Portland), 108.29 m.; Conway Jct., Me., to Intervale Junc., N. H., 73.37 m.; Worcester, Mass., to Portland, Me., 148.34 m.; Boston, Mass., to Groveton, N. H., 222.32 m.; Concord, N. H., to White River Jct., Vt., 69.50 m.; White River Jct., Vt., to Lennoxville, P. Q., 142.25 m.; N. Cambridge Jct. to Northampton, Mass., 98.77 m.; Springfield, Mass., to Keene, N. H., 74 m.; Boston to Rotterdam Jct. and Troy, 250.98 m.; Ashburnham Jct. to Bellows Falls, 53.85 m.; other branches, 968.52 m. Total mileage, 2,265.50.</p> <p>EXPRESS Co.—American; National.</p> | <p>President, Lucius Tuttle; 1st Vice-President and General Manager, T. A. Mackinnon; 2d Vice-President and General Traffic Manager, W. F. Berry; Freight Traffic Manager, M. T. Donovan; Asst. General Manager, Frank Barr. General Offices, Boston, Mass.</p>                                                        |
| <p><b>Buffalo, Rochester and Pittsburgh Railway.</b><br/>[New York and Pennsylvania.]<br/><i>For year ending June 30, 1902.</i><br/>Total earnings....\$6,292,583<br/>Operating expenses 3,632,004<br/>Net earnings.....\$2,660,579<br/>Other income..... 123,712<br/>Total net income \$2,784,291<br/>Total payments.... 2,810,809<br/>Deficit..... \$26,518</p>                                                                                     | <p>Main Line and branches, 284.29 m.; leased lines, 87.45 m.; trackage rights, 100.34 m. Total mileage, 472.08.</p> <p>EXPRESS Co.—American.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <p>President, Arthur G. Yates, Rochester, N. Y.; Vice-President, Adrian Iselin, Jr., New York; Secretary, John H. Hocart, New York. General Offices, Rochester, N. Y.; New York Office, 36 Wall Street.</p>                                                                                                            |
| <p><b>Burlington, Cedar Rapids and Northern Railway.</b></p>                                                                                                                                                                                                                                                                                                                                                                                          | <p>Now part of Chicago, Rock Island and Pacific Ry.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <p>President, C. J. Booth; Secretary, A. W. Fleck; General Manager, E. J. Chamberlin. General Offices, Ottawa, Ont.</p>                                                                                                                                                                                                |
| <p><b>Canada Atlantic Railway.</b><br/>[Quebec and Ontario.]<br/><i>For year ending June 30, 1902.</i><br/>Total earnings....\$1,816,946<br/>Operating expenses 1,247,925<br/>Net earnings.....\$569,021<br/>Other income..... 31,401<br/>Total net income \$600,422<br/>Fixed charges not reported.</p>                                                                                                                                              | <p>Swanton to Parry Sound, 409.7 m.; branches, 53.4 m. Total mileage, 468.1.</p> <p>EXPRESS Co.—Canadian.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <p>President, Wm. Mackenzie, Toronto, Ont.; Vice-President, D. D. Mann, Toronto, Ont.; Traffic Manager, Geo. H. Shaw, Winnipeg, Man.; Secretary, J. M. Smith, Toronto, Ont.</p>                                                                                                                                        |
| <p><b>Canadian Northern Ry.</b><br/>[Manitoba, Saskatchewan, Ontario, Minnesota.]<br/>Financial accounting not obtainable when ALMANAC went to press.</p>                                                                                                                                                                                                                                                                                             | <p>Main Line: West, 394 m.; Emerson, Brandon, and Hartney Branches, 265 m. Main Line: East, 429 m.; Duluth Extension, 86 m.; other branches, 89 m. Total mileage, 1,273.</p> <p>EXPRESS Co.—Dominion; Northern Pacific.</p>                                                                                                                                                                                                                                                                                                                                                                                                                            | <p>Chairman of the Board, W. C. Van Horne; President, T. G. Shaughnessy; Secretary, Charles Drinkwater; 2d Vice-President and General Manager, D. McNICOLL; 3d Vice-President, I. G. Ogden; 4th Vice-President, G. M. Bosworth. General Offices, Montreal, Quebec; New York Offices, 59 Wall Street, 353 Broadway.</p> |
| <p><b>Canadian Pacific Railway.</b><br/>[New Brunswick, Maine, Vermont, Quebec, Ontario, Michigan, Manitoba, Assiniboia, Saskatchewan, Alberta, British Columbia.]<br/><i>For year ending June 30, 1902.</i><br/>Total earnings....\$37,503,053<br/>Operating expense 23,417,141<br/>Net earnings.....\$14,085,912<br/>Other income..... 958,825<br/>Total net income \$15,044,738<br/>Total payments.... 11,981,665<br/>Surplus..... \$3,063,073</p> | <p>Eastern Div., 1,278.6 m.; Ontario Div., 729.4 m.; Atlantic Div., 689.1 m.; Western Div., 3,967.6 m.; Pacific Div., 952 m.; Lake Superior Div., 979.8 m. Total mileage, 8,646.5.</p> <p>Length of Main Line, Montreal to Vancouver, 2,905 m.</p> <p>Steamship lines: Vancouver, B. C., to Japan, China, Honolulu, H. I., Australia, Sydney, N. S. W.; Slooan Lake Line; Upper Lake Line; Lake Okanagan Line; Columbia and Kootenay Line.</p> <p>EXPRESS Co.—Dominion.</p>                                                                                                                                                                            | <p>President, Chas. M. Hays; Vice-President and General Manager, E. H. Fitzhugh. General Offices, St. Albans, Vt.; New York Office, 355 Broadway.</p>                                                                                                                                                                  |
| <p><b>Central Vermont Ry.</b><br/>[Connecticut, Massachusetts, Vermont, Quebec.]<br/><i>For year ending June 30, 1902.</i><br/>Total earnings....\$3,406,433<br/>Operating expenses 2,746,130<br/>Net earnings.....\$660,301<br/>Other income..... 10,560<br/>Total net income. \$670,861<br/>Total payments.... 667,762<br/>Surplus..... \$3,099</p>                                                                                                 | <p>Southern Div., 173.5 m.; Northern Div., 357.5 m. Total mileage, 531.</p> <p>EXPRESS Co.—American.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <p>President, Chas. M. Hays; Vice-President and General Manager, E. H. Fitzhugh. General Offices, St. Albans, Vt.; New York Office, 355 Broadway.</p>                                                                                                                                                                  |



| SYSTEMS, LOCATION, AND FINANCIAL DATA.                                                                                                                                                                                                                                                                                                                                                                                                                          | Divisions, Mileage, and Operating Express.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | General Officers.                                                                                                                                                                                                                                                                                       |
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| <p><b>Central of Georgia Railway.</b><br/>[Georgia and Alabama.]<br/>For year ending June 30, 1902.<br/>Total earnings.....\$7,750,691<br/>Operating expenses. 5,531,038<br/>Net earnings.....\$2,219,653<br/>Other income..... 291,874<br/>Total net income \$2,421,327<br/>Total payments... 2,398,886<br/>Surplus..... \$122,941</p>                                                                                                                         | <p>Columbus-Andalusia, 138 m.; Griffin-Chattanooga, 198 m.; Macon-Athens, 102 m.; Savannah-Atlanta, 295 m.; Birmingham-Macon, 256 m.; Ft. Valley-Montgomery, 194 m.; Smithville-Sellersville, 153 m.; other branches, 490 m. Total mileage, 1,844.<br/>EXPRESS Co.—Southern.</p>                                                                                                                                                                                                                                                                   | <p>President, John M. Egan; Vice-President and Traffic Manager, W. A. Winburn. General Offices, Savannah, Ga.; New York Office, 317 Broadway.</p>                                                                                                                                                       |
| <p><b>Central Railroad of New Jersey.</b><br/>[New York, New Jersey, Pennsylvania.]<br/>For year ending Dec. 31, 1901.<br/>Total earnings.....\$17,306,930<br/>Operating expenses 9,261,719<br/>Net earnings..... \$8,055,211<br/>Other receipts..... 669,376<br/>Total net income. \$8,724,587<br/>Total payments... 5,501,104<br/>Surplus..... \$3,223,483</p>                                                                                                | <p>New York to Scranton, 191.67 m.; Newark Br., 10.07 m.; South Br., 15.78 m.; Perth Amboy Br., 23.98 m.; High Bridge Br., 57.22 m.; Lehigh and Lackawanna Br., 37.43 m.; sundry branches in New Jersey, 11.92 m.; sundry branches in Pennsylvania, 109.35 m.; New Jersey Southern Div., 176.45 m.; Freehold and Atlantic Highlands Div., 24.47 m.; New York and Long Branch R. R., 38.04 m. Total mileage, 635.78.<br/>EXPRESS Co.—United States. On New York and Long Branch R. R., Adams; United States.</p>                                    | <p>Chairman Executive Committee, J. R. Maxwell; President, George F. Baer; Vice-President, R. W. De Forest; Secretary, G. O. Waterman. General Offices, 143 Liberty Street, New York.</p>                                                                                                               |
| <p><b>Chesapeake &amp; Ohio Ry.</b><br/>[Virginia, West Virginia, Kentucky, Ohio.]<br/>For year ending June 30, 1902.<br/>Total earnings.....\$16,524,378<br/>Operating expenses 10,398,492<br/>Net earnings.....\$6,125,886<br/>Other income..... 136,431<br/>Total net income \$6,262,317<br/>Total payments..... 6,248,013<br/>Surplus..... \$14,304</p>                                                                                                     | <p>Main Line, 664.1 m.; Louisville Line, 208.4 m.; James River Line, 231.8 m.; Washington Line, 93.5 m.; Greenbrier Line, 95.5 m.; other branches, 343.3 m. Total mileage, 1,636.6.<br/>EXPRESS Co.—Adams.</p>                                                                                                                                                                                                                                                                                                                                     | <p>President, Geo. W. Stevens; Vice-President, Decatur Axtell; Secretary, C. E. Wellford; General Manager, C. E. Doyle. General Offices, Richmond, Va.; New York Office, 362 Broadway.</p>                                                                                                              |
| <p><b>Chicago and Alton Ry.</b><br/>[Illinois and Missouri.]<br/>For year ending June 30, 1902<br/>Total earnings.....\$9,225,739<br/>Operating expenses 6,565,919<br/>Net earnings.....\$2,659,820<br/>Other income..... 2,517<br/>Total net income. \$2,859,337<br/>Total payments... 2,789,757<br/>Surplus..... \$69,580</p>                                                                                                                                 | <p>Chicago to East St. Louis, 279.95 m.; Coal City Line, 24.79 m.; Dwight to Washington and Lacon, 80.50 m.; Roodhouse to Kansas City, 251.17 m.; Bloomington to Wann, via Jacksonville, Godfrey, and Upper Alton, 158.20 m.; Mexico to Cedar City, 50.10 m.; St. Louis, Peoria &amp; Nor. Ry., 57.56 m. Total mileage, 902.27.<br/>EXPRESS Co.—United States.</p>                                                                                                                                                                                 | <p>President, S. M. Felton, Chicago, Ill.; Vice-President, W. D. Cornish, New York; Secretary, Alex. Millar, New York. General Offices, Chicago, Ill.; New York Office, 120 Broadway.</p>                                                                                                               |
| <p><b>Chicago and Eastern Illinois Railroad—“Evansville Route.”</b><br/>[Indiana and Illinois.]<br/>For year ending June 30, 1902.<br/>Total earnings.....\$6,277,493<br/>Operating expenses. 3,699,732<br/>Net earnings..... \$2,577,761<br/>Other income..... 249,146<br/>Total net income. \$2,826,907<br/>Total payments... 2,826,907</p>                                                                                                                   | <p>Main Line, 590.89 m.; branch lines, 123.70 m.; trackage rights, 23.09 m. Total mileage, 737.68.<br/>EXPRESS Co.—American.</p>                                                                                                                                                                                                                                                                                                                                                                                                                   | <p>Chairman of the Board, H. H. Porter, New York; President, M. J. Carpenter; Vice-President, O. S. Lyford; Vice-President and Treasurer, C. W. Hillard; Secretary, A. M. Smith. General Offices, Chicago, Ill.</p>                                                                                     |
| <p><b>Chicago and Northwestern Railway.</b>—“The Northwestern Line.”<br/>[Michigan, Illinois, Iowa, Wisconsin, Nebraska, Minnesota, North Dakota, South Dakota, Wyoming.]<br/>For year ending May 31, 1902.*<br/>Total earnings.....\$46,644,121<br/>Operating expenses 30,005,642<br/>Net earnings.....\$16,638,479<br/>Other income..... 577,080<br/>Total net income. \$17,215,558<br/>Interest &amp; dividends, 15,867,256<br/>Surplus..... \$1,248,302</p> | <p>Wisconsin Div., 324.55 m.; Galena Div., 490.76 m.; Iowa Div., 560.73 m.; Madison Div., 509.27 m.; Minnesota and Dakota Div., 1,302.41 m.; Peninsula Div., 464.44 m.; Iowa and Minnesota Div., 326.75 m.; Northern Iowa Div., 357.17 m.; Ashland Div., 836.58 m.; Northern Wisconsin Div., 332.72 m.; Sioux City Div., 416.15 m. Total mileage, 5,921.53; Chicago, St. Paul, Minn. &amp; O. Ry., 1,590.61 m.; Fremont, Elkhorn &amp; M. V. R. R., 1,362.84 m. Grand total mileage C. &amp; N. W. System, 8,874.98.<br/>EXPRESS Co.—American.</p> | <p>President, Marvin Hughitt, Chicago, Ill.; Vice-President and Secretary, E. E. Osborn, New York City; 2d Vice-President, M. M. Kirkman; 3d Vice-President, H. R. McCullough; General Manager, William A. Gardner. General Offices, Chicago, Ill.; New York Offices, 62 Wall Street, 461 Broadway.</p> |

\* Exclusive of Chicago, St. Paul, Minn. & O. Ry. and Fremont, Elkhorn & M. V. R. R.

| SYSTEMS, LOCATION, AND FINANCIAL DATA.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Divisions, Mileage, and Operating Express.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | General Officers.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
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| <p><b>Chicago, Burlington and Quincy Railway.</b>—<b>"Burlington Route."</b><br/>                     [Illinois, Wisconsin, Minnesota, Iowa, Missouri, Nebraska, Kansas, Colorado, Wyoming, South Dakota, Montana.]<br/> <i>For year ending June 30, 1902.</i><br/>                     Total earnings.....\$3,795,245<br/>                     Operating expenses 35,682,875<br/>                     Net earnings..... \$18,112,370<br/>                     Other income..... 340,265<br/>                     Total net income \$18,453,175<br/>                     Total payments..... 17,189,786<br/>                     Surplus..... \$1,263,389</p> | <p>Lines in Illinois, 1,448.11 m.; in Iowa, 812.19 m.; in Missouri, 153.97 m.; in Wisconsin, 223.10 m.; in Minnesota, 38.45 m. Total mileage, 2,676.42. The "Burlington Route" also comprises the following railroads: Burlington and Missouri River R. R. in Nebraska, 4,195.69 m.; Missouri lines, 1,082.93 m.; Burlington and Western Ry., 123.20 m.; Keokuk and Western R. R., 355.03 m. Total mileage of Burlington System, 8,433.32.<br/>                     EXPRESS Co.—Adams.</p>                                  | <p>President, Geo. B. Harris; 1st Vice-President, Darius Miller, 2d Vice-President, Howard Elliott; Secretary, H. E. Jarvis, Burlington, Iowa; General Manager, F. A. Delano; Passenger Traffic Manager, P. S. Eustis; Freight Traffic Manager, Thomas Miller, General Offices, Chicago, Ill.; New York Office, 379 Broadway.<br/>                     General Offices of Burlington and Western Ry. at Burlington, Iowa.<br/>                     General Offices of Burlington and Missouri River R. R. in Nebraska, at Omaha, Neb.<br/>                     General Offices of K. and W. R. R., at Keokuk, Iowa.</p> |
| <p><b>Chicago Great Western Railway.</b>—<b>"Maple Leaf Route."</b><br/>                     [Illinois, Iowa, Minnesota, Missouri, Kansas.]<br/> <i>For year ending June 30, 1902.</i><br/>                     Total earnings..... \$7,549,688<br/>                     Operating expenses 5,489,458<br/>                     Net earnings..... \$2,060,230<br/>                     Total payments..... 545,382<br/>                     Surplus..... \$1,514,848</p>                                                                                                                                                                                       | <p>Minneapolis to Chicago, 430 m.; Oelwein to Kansas City, 357 m.; Fort Dodge Br., 130 m.; Hampton Br., 91 m.; DeKalb Br., 6 m.; Cedar Falls Br., 7 m.; Mankato and Red Wing Line, 94 m.; Mantorville Br., 8 m.; Zumbrota Line, 25 m.; Winona and Osage Line, 120 m. Total mileage, 1,268.<br/>                     EXPRESS Co.—Wells, Fargo &amp; Co.</p>                                                                                                                                                                  | <p>President, A. B. Stickney; Vice-President, Ansel Oppenheim; General Manager, S. C. Stickney; Secretary, R. C. Wright. General Offices, St. Paul, Minn., and Chicago, Ill.; New York Offices, 31 Nassau Street, 319 Broadway.</p>                                                                                                                                                                                                                                                                                                                                                                                     |
| <p><b>Chicago, Indianapolis and Louisville Ry.</b>—<b>"Monon Route."</b><br/>                     [Indiana, Illinois, Kentucky.]<br/> <i>For year ending June 30, 1902.</i><br/>                     Total earnings..... \$4,581,158<br/>                     Operating expenses 2,853,133<br/>                     Net earnings..... \$1,728,025<br/>                     Other income..... 129,447<br/>                     Total net income \$1,857,472<br/>                     Total payments... 971,296<br/>                     Surplus..... \$886,176</p>                                                                                             | <p>Indianapolis, Ind., to Chicago, Ill., 183.5 m.; Lafayette and Louisville Line, 235.3 m.; Michigan City Div., 59 m.; French Lick Br., 18 m.; Switz City Br., 41.4 m. Total mileage, 537.2.<br/>                     EXPRESS Co.—American.</p>                                                                                                                                                                                                                                                                             | <p>President and General Manager, W. H. McDoel, Chicago, Ill.; Vice-President, A. J. Thomas, New York; Secretary, J. A. Hilton, New York. General Offices, Chicago, Ill.; New York Office, 80 Broadway.</p>                                                                                                                                                                                                                                                                                                                                                                                                             |
| <p><b>Chicago, Milwaukee and St. Paul Railway.</b><br/>                     [Illinois, Wisconsin, Michigan, Minnesota, Iowa, Missouri, South Dakota, North Dakota.]<br/> <i>For year ending June 30, 1902.</i><br/>                     Total earnings..... \$45,613,124<br/>                     Operating expenses 30,196,895<br/>                     Net earnings..... \$15,416,229<br/>                     Other income..... 424,314<br/>                     Total net income \$15,850,543<br/>                     Total payments..... 12,794,705<br/>                     Surplus..... \$3,055,838</p>                                               | <p>Lines in Illinois, 346.56 m.; in Wisconsin, 1,682.41 m.; in Iowa, 1,792.90 m.; in Minnesota, 1,114.89 m.; in North Dakota, 118.21 m.; in South Dakota, 1,224.05 m.; in Missouri, 140.27 m.; in Michigan, 158.94 m. Total mileage, 6,578.21.<br/>                     EXPRESS Co.—United States.</p>                                                                                                                                                                                                                      | <p>Chairman, Roswell Miller, New York; President, A. J. Earling, Chicago, Ill.; 3d Vice-President, A. C. Bird, Chicago; General Manager, H. R. Williams, Chicago; Secretary, P. M. Myers, Milwaukee, Wis. General Offices, Chicago, Ill., and Milwaukee, Wis.; New York Offices, 30 Broad Street, 381 Broadway.</p>                                                                                                                                                                                                                                                                                                     |
| <p><b>Chicago, Rock Island and Pacific Railway.</b><br/>                     [Illinois, Iowa, Minnesota, South Dakota, Missouri, Nebraska, Kansas, Oklahoma Ter., Indian Ter., Colorado, Tennessee, Arkansas.]<br/> <i>For year ending Mch. 31, 1902.</i><br/>                     Total earnings..... \$28,385,846<br/>                     Operating expenses 18,254,725<br/>                     Net earnings..... \$10,131,121<br/>                     Other income..... 948,849<br/>                     Total net income \$11,079,970<br/>                     Total payments... 6,106,929<br/>                     Surplus..... \$4,973,041</p>       | <p>Illinois Div., 353.51 m.; Iowa Div., 470.98 m.; Missouri Div., 492.49 m.; Nebraska Div., 446.39 m.; Kansas Div., 474.30 m.; Colorado Div., 535.02 m.; Oklahoma Div., 467.32 m.; Des Moines Valley Div., 498.76 m.; El Paso Div., 350.03 m.; Cedar Rapids Div., 707.37 m.; Iowa Falls Div., 659.60 m. Total mileage, 5,455.77. Choctaw, Oklahoma &amp; Gulf R. R., 759 m.<br/>                     EXPRESS Co.—United States, Wells, Fargo &amp; Co. between Santa Rosa and El Paso and on Choctaw, O. &amp; G. R. R.</p> | <p>President, W. B. Leeds; 1st Vice-President, H. A. Parker; 2d Vice-President, Robert Mather; 3d Vice-President, J. M. Johnson; General Manager, C. A. Goodnow; Secretary, George H. Crosby. General Offices, Chicago, Ill.; New York Offices, 13 William Street, 401 Broadway.</p>                                                                                                                                                                                                                                                                                                                                    |
| <p><b>Choctaw, Oklahoma &amp; Gulf Railroad.</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <p>Now part of Chicago, Rock Island and Pacific Ry.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

| SYSTEMS, LOCATION, AND FINANCIAL DATA.                                                                                                                                                                                                                                                                                                                                                                                                          | Divisions, Mileage, and Operating Express.                                                                                                                                                                                                                                                                                                                                    | General Officers.                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
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| <p><b>Cincinnati, Hamilton &amp; Dayton Railway.</b><br/>[Ohio and Indiana.]<br/>For year ending June 30, 1902.<br/>Total earnings..... \$6,352,164<br/>Operating expenses 4,334,056<br/>Net earnings..... \$2,018,108<br/>Total payments..... 1,460,069<br/>Surplus..... \$558,039</p>                                                                                                                                                         | <p>Cincinnati and Toledo Line, 202.03 m.; Indianapolis Div., 98.90 m.; Wellston Div., 188 m.; Delphos Div., 98.27 m.; Cincinnati and Dayton R. R., 14 m.; North Baltimore Div., 21 m.; Findlay Div., 17.60 m.; Piqua and Troy Br. R. R., 8.30 m.; Home Ave. R. R., 3.50 m. Total mileage, 651.60.<br/>EXPRESS Co.—United States.</p>                                          | <p>President, M. D. Woodford; Vice-President, Eugene Zimmerman; General Manager, C. G. Waldo; Secretary, F. H. Short. General Offices, Cincinnati, O.</p>                                                                                                                                                                                                                                                                                                                  |
| <p><b>Cleveland, Cincinnati, Chicago and St. Louis Railway.—“Big Four Route.”</b><br/>[Ohio, Indiana, Michigan, Illinois.]<br/>For year ending June 30, 1902.<br/>Total earnings..... \$18,717,071<br/>Operating expenses 13,744,920<br/>Net earnings..... \$4,972,151<br/>Other income..... 78,360<br/>Total net income \$5,050,511<br/>Total payments..... 5,019,538<br/>Surplus..... \$30,973</p>                                            | <p>Cleveland-Indianapolis Div., 341 m.; Mt. Gilead Short Line, 2 m.; Cincinnati-Sandusky Div., 320 m.; St. Louis Div., 266 m.; Chicago Div., 321 m.; Cairo Div., 270 m.; Peoria and Eastern Div., 352 m.; White Water Div., 70 m.; Michigan Div., 302 m.; Kankakee and Seneca Div., 42 m. Total mileage, 2,287.<br/>EXPRESS Co.—American.</p>                                 | <p>President, M. E. Ingalls; Vice-President, J. D. Layng; New York; General Manager, C. E. Schaff; Secretary, E. F. Osborn. General Offices, Cincinnati, O.; New York Office, Grand Central Station.</p>                                                                                                                                                                                                                                                                   |
| <p><b>Colorado and Southern Railway.—“The Colorado Road.”</b><br/>[Colorado, Wyoming, New Mexico, Texas.]<br/>For year ending June 30, 1902.<br/>Total earnings..... \$5,590,326<br/>Operating expenses 4,044,244<br/>Net earnings..... \$1,546,082<br/>Other income..... 40,429<br/>Total net income \$1,576,511<br/>Total payments..... 949,752<br/>Balance..... \$626,759<br/>1st pref. dividend..... 255,000<br/>Surplus..... \$371,759</p> | <p>Pueblo Dist., 134.05 m.; Trinidad Dist., 115.95 m.; New Mexico Dist., 166.30 m.; Clear Creek Dist., 65.49 m.; Ft. Collins Dist., 145.10 m.; Platte Cañon Dist., 102.19 m.; Leadville Dist., 74.20 m.; Gunnison Dist., 164.51 m.; Wyoming Dist., 153.68 m. Total mileage, 1,120.57.<br/>Fort Worth and Denver City Ry., 452.9 m.<br/>EXPRESS Co.—Wells, Fargo &amp; Co.</p> | <p>Chairman of the Board, G. M. Dodge, New York; President and General Manager, Frank Trumbull; Secretary, Harry Brouner, New York. General Offices, Denver, Col.; New York Offices, 74 and 398 Broadway.<br/>Fort Worth and Denver City Ry.—President, Frank Trumbull, Denver, Col.; Vice-President and Traffic Manager, D. B. Keeler, Fort Worth, Tex.; Secretary, George Strong, Fort Worth, Tex. General Offices, Fort Worth, Tex.; New York Office, 398 Broadway.</p> |
| <p><b>Colorado Midland Railway.</b><br/>[Colorado.]<br/>For year ending June 30, 1902.<br/>Total earnings..... \$2,162,285<br/>Operating expenses 1,669,419<br/>Net earnings..... \$492,866<br/>Other income..... 41,615<br/>Total net income \$534,481<br/>Total payments..... 514,457<br/>Surplus..... \$20,024</p>                                                                                                                           | <p>Colorado Springs, Col., to Grand Junction, Col., 303 m.; Aspen Br., 18 m.; Jerome Park R. R., 15 m. Total mileage, 336.<br/>EXPRESS Co.—Wells, Fargo &amp; Co.</p>                                                                                                                                                                                                         | <p>President, Frank Trumbull; Vice-President, G. W. Kramer; General Manager, C. H. Schlacks. General Offices, Denver, Col.</p>                                                                                                                                                                                                                                                                                                                                             |
| <p><b>Delaware and Hudson Railroad.</b><br/>[Pennsylvania, New York, Vermont.]<br/>For year ending Dec. 31, 1901.<br/>Total earnings..... \$23,497,455<br/>Operating expenses 21,894,707<br/>Net earnings..... \$1,602,748<br/>Total payments..... 6,682,041<br/>Surplus..... \$920,707</p>                                                                                                                                                     | <p>Pennsylvania Div., 130.60 m.; Saratoga Div., 191.80 m.; Champlain Div., 151.08 m.; Albany and Susquehanna Div., 187.35 m. Total mileage, 660.83.<br/>EXPRESS Co.—National.</p>                                                                                                                                                                                             | <p>President, R. M. Olyphant; Vice-President, David Willcox; 2d Vice-President, H. G. Young, Albany, N. Y.; Secretary, F. M. Olyphant, New York. General Offices, 21 Cortlandt Street, New York.</p>                                                                                                                                                                                                                                                                       |
| <p><b>Delaware, Lackawanna and Western Railroad.</b><br/>[New York, New Jersey, Pennsylvania.]<br/>For year ending Dec. 31, 1901.<br/>Total earnings..... \$50,625,848<br/>Operating expenses 40,007,171<br/>Net earnings..... \$10,618,677<br/>Other income..... 322,204<br/>Total net income \$10,941,035<br/>Total payments..... 9,744,981<br/>Surplus..... \$1,196,054</p>                                                                  | <p>Main Line, 115 m.; Buffalo Div., 214 m.; Morris and Essex Div., 120 m.; Bloomsburg Div., 80 m.; Syracuse and Binghamton Div., 81 m.; Cayuga Div., 35 m.; Utica Div., 105 m.; Sussex R. R., 30 m.; Oswego and Syracuse Div., 35 m.; other branches, 86 m.; Bangor and Portland R. R., 46 m. Total mileage, 947.<br/>EXPRESS Co.—United States.</p>                          | <p>Chairman of the Board, Samuel Sloan; President, W. H. Truesdale; Vice-Presidents, B. D. Caldwell and E. E. Loomis; Secretary, Frederick F. Chambers. General Offices, 26 Exchange Place, New York.</p>                                                                                                                                                                                                                                                                  |

| SYSTEMS, LOCATION, AND FINANCIAL DATA.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Divisions, Mileage, and Operating Express.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | General Officers.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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| <p><b>Denver and Rio Grande Railroad.</b><br/>[Colorado and New Mexico.]<br/>For year ending June 30, 1902.<br/>Including Rio Grande Wes. R. R.<br/>Total earnings.....\$17,036,828<br/>Operating expenses 10,331,642<br/>Net earnings.....\$6,705,286<br/>Other income.....165,761<br/>Total net income. \$6,871,047<br/>Total payments.... 6,508,425<br/>Surplus.....\$362,624</p>                                                                                                                                                                   | <p>Denver to Grand Junction. 449.56 m.; Salida to Grand Junction, 209.15 m.; Cuchara Junction to Silverton, 328.04 m.; Antonito to Santa Fe, 135.09 m.; Pueblo to Trinidad, 91.17 m.; other branches, 605.13 m. Total mileage, 1,708.19.<br/>EXPRESS Co.—Denver &amp; Rio Grande.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <p>Chairman of the Board, George J. Gould, New York; President, Edward T. Jeffery; Vice-President and General Manager, Russell Harding; Manager, J. M. Herbert; Secretary, Stephen Little, New York. General Offices, Denver, Col.; New York Offices, 195 and 333 Broadway.</p>                                                                                                                                                                                                                                                                                                                                                                 |
| <p><b>Detroit and Mackinac Railroad.</b><br/>[Michigan.]<br/>For year ending June 30, 1902.<br/>Total earnings.....\$562,191<br/>Operating expenses 580,291<br/>Net earnings.....\$21,900<br/>Total payments.... 163,176<br/>Surplus.....\$118,724</p>                                                                                                                                                                                                                                                                                                 | <p>South Div., 126 m.; North Div., 50.2 m.; Valentine Lake Br., 25.7 m.; Prescott Div., 11.8 m.; Rose City Div., 31.8 m.; Lincoln Br., 19.9 m. Total mileage, 265.4.<br/>EXPRESS Co.—American.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <p>President and General Manager, J. D. Hawks; Vice-President, G. M. Crocker; Secretary, A. H. Gillard, New York. General Offices, Detroit, Mich.; New York Office, 23 Wall Street.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <p><b>Detroit Southern R. R.</b><br/>[Michigan and Ohio.]<br/>For year ending June 30, 1902.<br/>Total earnings.....\$1,239,905<br/>Operating expenses 995,110<br/>Net earnings.....\$244,795<br/>Total payments.... 318,000<br/>Deficit.....\$73,205</p>                                                                                                                                                                                                                                                                                              | <p>Detroit, Mich., to Cornella, O., 350 m.; Columbus and Cincinnati Div., 24 m. Total mileage, 374.<br/>EXPRESS Co.—National; United States.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <p>President, Samuel Hunt, Detroit, Mich.; Vice-President, F. J. Lisman, New York.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <p><b>Duluth, South Shore and Atlantic Railway.</b><br/>—“The Marquette Route.”<br/>[Michigan, Wisconsin, Minnesota.]<br/>For year ending June 30, 1902.<br/>Total earnings.....\$2,690,569<br/>Operating expenses 1,688,813<br/>Net earnings.....\$1,001,751<br/>Other income.....6,255<br/>Total net income. \$1,008,006<br/>Total payments.... 987,703<br/>Surplus.....\$20,303</p>                                                                                                                                                                 | <p>Main Line, 517.44 m.; other branches, 47.70 m. Total mileage, 565.14.<br/>EXPRESS Co.—Western.<br/>This road is now controlled by the Canadian Pacific Ry.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <p>President, Samuel Thomas, New York; 1st Vice-President, T. G. Shaghnassy, Montreal, Can.; 2d Vice-President and General Manager, W. F. Fitch, Marquette, Mich.; Secretary, George H. Church, New York. General Offices, Marquette, Mich.; New York Office, 44 Wall Street.</p>                                                                                                                                                                                                                                                                                                                                                               |
| <p><b>Errie Railroad.</b><br/>[New York, New Jersey, Pennsylvania, Ohio, Indiana, Illinois.]<br/>For year ending June 30, 1902.<br/>Total earnings.....\$40,294,433<br/>Operating expenses 23,176,600<br/>Net earnings.....\$12,717,833<br/>Other income.....1,945,207<br/>Total net income \$14,663,040<br/>Total payments.... 11,715,136<br/>Surplus.....\$2,947,904</p>                                                                                                                                                                             | <p><i>Errie Division:</i> New York Div., 204 m.; Delaware Div., 128 m.; Susquehanna Div., 140 m.; Jefferson Div., 43 m.; Tioga Div., 67 m.; Rochester Div., 144 m.; Buffalo Div., 188 m.; Allegheny Div., 128 m.; Bradford Div., 117 m.; Wyoming Div., 59 m.<br/><i>Ohio Division:</i> Meadville Div., 225 m.; Cincinnati Div., 197 m.; Mahoning Div., 167 m.; Lima Div., 127 m.; Chicago Div., 142 m.<br/>Greenwood Lake Div., 52 m.; Northern R. R. of New Jersey, 26 m. Total mileage of Erie R. R., 2,154.<br/>EXPRESS Co.—Wells, Fargo &amp; Co.</p>                                                                                                                                                                                   | <p>President, F. D. Underwood; 1st Vice-President, Geo. M. Cumming; 2d Vice-President and Secretary, J. A. Middleton; 3d Vice-President, D. Willard. General Offices, 21 Cortlandt Street, New York.<br/>Chicago and Erie R. R.—President, F. D. Underwood; Secretary, D. Bosman. General Offices, 21 Cortlandt Street, New York.</p>                                                                                                                                                                                                                                                                                                           |
| <p><b>“Frisco System.”—St. Louis and San Francisco R. R.—Kansas Cit., Memphis and Birmingham R. R.—Fort Worth and Rio Grande Ry.—Red River, Texas and Southern Ry.</b><br/>[Missouri, Kansas, Arkansas, Indian Ter., Oklahoma Ter., Texas, Tennessee, Mississippi, Alabama.]<br/>For year ending June 30, 1902.<br/>Total earnings.....\$21,620,383<br/>Operating expenses 13,472,470<br/>Net earnings.....\$8,148,412<br/>Other income.....197,160<br/>Total net income. \$8,345,572<br/>Total payments.... 6,872,374<br/>Surplus.....\$1,472,198</p> | <p>Eastern Div.: St. Louis to Paris, Tex., and branches, 890 m.<br/>Southwestern Div.: Monett to Sherman and Oklahoma, 403 m.<br/>Western Div.: Pierce City, Mo., to Ellsworth, Kan., and branches, 533 m.<br/>Northern Div.: Kansas City to Springfield, Mo., via Ft. Scott, Kan., and Clinton, Mo.; Ft. Scott to Afton, I. T., and branches, 620 m.<br/>Southern Div.: Springfield, Mo., to Memphis, Tenn., and K. C., M. &amp; B. R. to Birmingham, Ala., and branches, 675 m.<br/>Fort Worth and Rio Grande Ry., Ft. Worth to Brownwood, Tex., 141 m.<br/>Red River, Texas and Southern Ry., Sherman to Ft. Worth, 86 m.<br/>EXPRESS Co.—Northern Div., Adams; Southern Div., Southern; all other divisions, Wells, Fargo &amp; Co.</p> | <p><i>Frisco System:</i> President, B. F. Yoakum; Vice-President and General Manager, B. L. Winchell; Vice-President and General Auditor, A. Douglas; Vice-President and Assistant General Manager, C. H. Beggs; Secretary and Treasurer, F. H. Hamilton; Assistant Secretary and Assistant Treasurer, J. S. Ford, New York. General Offices, St. Louis, Mo.; New York Office, 25 Broad Street.<br/><i>Ft. Worth and Rio Grande Ry.:</i> President, B. F. Yoakum; Vice-President and General Superintendent, L. B. Comer; Secretary and Auditor, J. S. Jones. General Offices, Fort Worth, Tex.; New York Offices, Broad Exchange Building.</p> |

| SYSTEMS, LOCATION, AND FINANCIAL DATA.                                                                                                                                                                                                                                                                                                                                                     | Divisions, Mileage, and Operating Express.                                                                                                                                                                                                           | General Officers.                                                                                                                                                                                                                                                                                               |
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| <b>Florida East Coast Railway.</b><br>[Florida.]<br>No financial report of this road obtainable. Road owned by Flagler interests.                                                                                                                                                                                                                                                          | Jacksonville to Miami, 266 m.; Titusville Br., 47 m.; Orange City Junction Br., 27.4 m.; Mayport Div., 26 m.; other branches, 7.6 m. Total mileage, 474. Also connects with Steamship Lines from Miami to Key West, Havana.<br>EXPRESS Co.—Southern. | President, H. M. Flagler, New York; Vice-President and General Manager, J. R. Parrott; 2d Vice-President, R. W. Parsons, New York; 3d Vice-President, J. E. Ingraham; Traffic Manager, J. P. Beckwith; Secretary, J. C. Salter, New York. General Offices, St. Augustine, Fla.; New York Office, 26 Broadway.   |
| <b>Georgia Railroad.</b><br>[Georgia.]<br>For year ending June 30, 1902.<br>Total earnings.... \$1,986,757<br>Operating expenses 1,840,528<br>Net earnings..... \$646,229<br>Other income..... 116,166<br>Total net income \$762,395<br>Total payments.... 616,559<br>Surplus..... \$145,840                                                                                               | Augusta, Ga., to Atlanta, Ga., 171 m.; Macon Br., 78 m.; Athens Br., 40 m.; Washington Br., 18 m.; White Plains Br., 14 m. Total mileage, 321.<br>EXPRESS Co.—Southern.                                                                              | General Manager, Thos. K. Scott, General Offices, Augusta, Ga.; New York Office, 353 Broadway.                                                                                                                                                                                                                  |
| <b>Georgia Southern and Florida Ry.—“Suwannee River Route.”</b><br>[Georgia and Florida.]<br>For year ending June 30, 1902.<br>Total earnings.... \$1,250,875<br>Operating expenses 955,909<br>Net earnings..... \$294,969<br>Other income..... 14,088<br>Total net income \$309,057<br>Total payments.... 267,610<br>Surplus..... \$41,447                                                | Macon, Ga., to Palatka, Fla., 285 m.<br>EXPRESS Co.—Southern.                                                                                                                                                                                        | President, Samuel Spencer, New York; Vice-President, Wm. C. Shaw; Secretary, Ben. C. Smith. General Offices, Macon, Ga.                                                                                                                                                                                         |
| <b>Grand Rapids and Indiana Railway.</b><br>[Indiana and Michigan.]<br>For year ending Dec. 31, 1901.<br>Total earnings.... \$2,871,782<br>Operating expenses 2,171,956<br>Net earnings..... \$699,826<br>Other income..... 886<br>Total net income.. \$700,712<br>Total payments.... 678,764<br>Surplus..... \$21,062                                                                     | Richmond, Ind., to Mackinaw City, Mich., 460 m.; Traverse City Div., 26 m.; Muskegon Div., 40 m.; Manistee Br., 12 m.; Harbor Springs Br., 8 m.; Lake City Br., 16 m. Total mileage, 562.<br>EXPRESS Co.—Adams.                                      | President, James McCrea, Pittsburgh, Pa.; Vice-President, W. R. Shelby; General Manager, J. H. P. Hughart; Secretary, R. R. Metheany. General Offices, Grand Rapids, Mich.                                                                                                                                      |
| <b>Grand Trunk Railway.</b><br>[Maine, New Hampshire, Vermont, Quebec Ontario, Illinois, Indiana, Michigan.]<br>For year ending Dec. 31, 1901.<br>Total earnings.... \$29,142,648<br>Operating expenses 20,681,857<br>Net earnings..... \$8,460,791<br>Other income..... 879,979<br>Total net income \$9,340,770<br>Total payments.... 9,249,280<br>Surplus..... \$91,490                  | Eastern Div., 953.49 m.; Middle Div., 1,494.53 m.; Northern Div., 895.66 m.; Western Div., 838.53 m. Total mileage, 4,182.21.<br>EXPRESS Co.—Canadian. On Grand Trunk Western Ry., National.                                                         | President, C. Rivers Wilson, London, Eng.; 2d Vice-President and General Manager, Chas. M. Hays, General Offices, Montreal, Quebec; New York Office, 290 Broadway.                                                                                                                                              |
| <b>Great Northern Railway.</b><br>[Minnesota, North Dakota, South Dakota, Iowa, Nebraska, Montana, Idaho, Washington.]<br>For year ending June 30, 1902.<br>Total earnings.... \$28,397,134<br>Operating expenses 15,128,137<br>Net earnings.... \$13,268,997<br>Other income..... 2,816,468<br>Total net income \$16,085,465<br>Total payments.... 13,968,465<br>Surplus..... \$2,116,990 | Great Northern Ry., 4,526 m.; Montana Central Ry., 260 m.; Wilmar and Sioux Falls Ry., 437 m.; Duluth, Watertown and Pacific Ry., 70 m. Total mileage, 5,293.<br>EXPRESS Co.—Great Northern.                                                         | President, J. J. Hill; Vice-President, James N. Hill; 2d Vice-President, R. I. Farrington; 3d Vice-President and Secretary, E. T. Nichols, New York; 4th Vice-President, J. W. Blabon; General Traffic Manager, F. B. Clarke. General Offices, St. Paul, Minn.; New York Offices, 27 Pine Street, 413 Broadway. |
| <b>Houston and Texas Central Railroad.</b><br>[Texas.]<br>Financial report included in Southern Pacific Co.                                                                                                                                                                                                                                                                                | Main Line, 237.8 m.; Western Br., 114.6 m.; Waco Br., 54.4 m.; Austin Div., 99.2 m.; Ft. Worth Br., 52.7 m.; Lancaster Br., 4.2 m. Total mileage, 602.9.<br>EXPRESS Co.—Wells, Fargo & Co.                                                           | President, Chas. H. Tweed, New York; Vice-President, Chas. H. Markham; Manager, Jeff. N. Miller; Secretary, W. H. Field. General Offices, Houston, Tex.; New York Offices, 23 Broad Street and 349 Broadway.                                                                                                    |

| SYSTEMS, LOCATION, AND FINANCIAL DATA.                                                                                                                                                                                                                                                                                                                                                                                                              | Divisions, Mileage, and Operating Express.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | General Officers.                                                                                                                                                                                                                                                                                                                                                                                        |
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| <p><b>Hocking Valley Railway.</b><br/>[Ohio.]<br/>For year ending June 30, 1902.<br/>Total earnings.....\$5,316,532<br/>Operating expenses. 3,229,331<br/>Net earnings.....\$2,087,191<br/>Other income..... 504,548<br/>Total net income.\$2,591,739<br/>Total payments.... 989,367<br/>Balance.....\$1,602,372<br/>Dividends..... 872,648<br/>Surplus..... \$729,724</p>                                                                          | <p>Toledo, O., to Pomeroy, O., 256.8 m.; Athens Br., 26.9 m.; Jackson Br., 17.3 m.; other branches, 43.7 m. Total mileage, 344.7.<br/>EXPRESS Co.—American on Toledo Div.; Adams on other divisions.</p>                                                                                                                                                                                                                                                                                                                                                                                 | <p>President, N. Monsarrat; 1st Vice-President, R. W. Hickox, Cleveland, O.; 2d Vice-President, J. H. Hoyt, Cleveland, O.; Secretary and Treasurer, W. N. Cott; Assistant Secretary and Treasurer, A. H. Gillard, New York. General Offices, Columbus, O.</p>                                                                                                                                            |
| <p><b>Illinois Central Railroad.</b><br/>[Illinois, Indiana, Wisconsin, Iowa, Minnesota, South Dakota, Kentucky, Tennessee, Mississippi, Louisiana, Missouri, Alabama.]<br/>For year ending June 30, 1902.<br/>Total earnings.....\$40,821,030<br/>Operating expenses 28,014,340<br/>Net earnings.....\$12,806,690<br/>Other income..... 3,551,805<br/>Total net income.\$16,358,495<br/>Total payments.... 16,314,535<br/>Surplus.....\$43,960</p> | <p>Illinois Central R. R., 705.50 m.; Kankakee and Southwestern R. R., 131.26 m.; Chicago and Springfield R. R., 111.47 m.; Chicago, Havana and Western R. R., 131.62 m.; Rantoul R. R., 74.43 m.; Chicago, Madison and Northern R. R., 231.30 m.; St. Louis Div. (St. L., A. &amp; T. H. R. R.), 239.04 m.; Chicago and Texas R. R., 78.70 m.; Western lines, 757.52 m.; Chicago, St. Louis and N. O. R. R., 666.16 m.; Kentucky Western Railway, 18.40 m.; other branches, 1,138.50 m. Total mileage, 4,283.90.<br/>Yazoo and Miss. Val. R. R., 1,178 m.<br/>EXPRESS Co.—American.</p> | <p>President, Stuyvesant Fish, New York; Vice-President, J. C. Wel-ling; 2d Vice-President, J. T. Harahan; 3d Vice-President and Secretary, A. G. Hackstaff, New York. General Offices, Chicago, Ill.; New York Office, 214 Broadway.<br/>General Offices Yazoo and Missis-sippi Valley R. R., Memphis, Tenn., and Chicago, Ill.</p>                                                                     |
| <p><b>Intercolonial Railway.</b><br/>[Nova Scotia, New Brun-swick, Quebec.]<br/>For year ending June 30, 1901.<br/>Total earnings.....\$1,972,236<br/>Operating expenses. 5,460,233<br/>Deficit..... \$490,187</p>                                                                                                                                                                                                                                  | <p>Halifax and Montreal Line, 836.73 m.; St. John Br., 89.22 m.; Truro and Sydney Line, 214.17 m.; Oxford and Pictou Br., 69.10 m.; other branches, 105.45 m. Total mileage, 1,314.67.<br/>EXPRESS Co.—Canadian; Dominion.</p>                                                                                                                                                                                                                                                                                                                                                           | <p>General Manager, D. Pottinger. General Offices, Moncton, N. B.</p>                                                                                                                                                                                                                                                                                                                                    |
| <p><b>International and Great Northern Railroad.</b><br/>[Texas.]<br/>For year ending Dec. 31, 1901.<br/>Total earnings..... \$8,148,092<br/>Operating expenses 3,820,655<br/>Net earnings.....\$1,327,437<br/>Other income..... 11,956<br/>Total net income.\$1,339,393<br/>Total payments.... 1,221,249<br/>Surplus..... \$118,144</p>                                                                                                            | <p>Gulf Div., 283 m.; Columbia Br., 50 m.; Fort Worth Div., 222.2 m.; San Antonio Div., 415 m.; other branches, 78 m. Total mileage, 1,047.<br/>EXPRESS Co.—Pacific.</p>                                                                                                                                                                                                                                                                                                                                                                                                                 | <p>President, George J. Gould, New York; 1st Vice-President, Frank J. Gould, New York; 2d Vice-President and General Manager, L. T. Rice; Secretary, A. R. Howard; Assistant Secretary, H. B. Henson, New York. General Offices, Palestine, Tex.; New York Offices, 195 and 391 Broad-way.</p>                                                                                                           |
| <p><b>Iowa Central Railway.</b><br/>[Iowa and Illinois.]<br/>For year ending June 30, 1902.<br/>Total earnings..... \$2,543,623<br/>Operating expenses 2,025,846<br/>Net earnings..... \$517,502<br/>Other income..... 69,379<br/>Total net income.\$586,881<br/>Total payments... 583,916<br/>Surplus..... \$2,965</p>                                                                                                                             | <p>Albia, Ia., to Northwood, Ia., 189.32 m.; Oskaloosa, Ia., to Mississippi River, 96.90 m.; Mississippi River to Iowa Junction, Ill., 89.20 m.; other branches, 164.21 m. Total mileage, 539.63.<br/>EXPRESS Co.—Adams.</p>                                                                                                                                                                                                                                                                                                                                                             | <p>President, Edwin Hawley, New York; Vice-President, F. H. Davis, New York; Vice-Presi- dent and General Manager, L. F. Day, Minneapolis, Minn.; Sec- retary, A. C. Doan, New York; Traffic Manager, J. N. Tittmore. General Offices, Marshalltown, Ia.; New York Office, 25 Broad Street.</p>                                                                                                          |
| <p><b>Kansas City Southern Railway.</b><br/><b>Texarkana and Fort Smith Railway.</b><br/>"Port Arthur Route."<br/>[Missouri, Kansas, Arkansas, Indian Ter., Louisiana, Texas.]<br/>For year ending June 30, 1902.<br/>Total earnings..... \$5,560,621<br/>Operating expenses 3,821,637<br/>Net earnings..... \$1,738,984<br/>Fixed charges not reported when ALMANAC was being printed.</p>                                                         | <p>Kansas City, Mo., to Port Arthur, Tex., 786 m.; Fort Smith Br., 16 m.; Lake Charles Br., 23 m. Total mileage, 825.<br/>EXPRESS Co.—Wells, Fargo &amp; Co.</p>                                                                                                                                                                                                                                                                                                                                                                                                                         | <p>Kansas City Southern Ry.—Presi- dent, S. R. Knott; Vice-Presi- dent, George J. Gould, New York; Secretary, Alex. Millar, New York; General Manager, J. A. Edson. General Offices, Kansas City, Mo.<br/>Texarkana and Fort Smith Ry.— President, S. R. Knott. Kansas City, Mo.; 1st Vice-President, W. L. Estes; 2d Vice-President, J. A. Edson, Kansas City, Mo. General Offices, Texarkana, Tex.</p> |

| SYSTEMS, LOCATION, AND FINANCIAL DATA.                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Divisions, Mileage, and Operating Express.                                                                                                                                                                                                                                                                                                                                                                                                                                                              | General Officers.                                                                                                                                                                                                                                                                                                                                                                                                              |
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| <p><b>Lake Erie and Western Railroad.</b>—“Natural Gas Route.”<br/>[Ohio, Indiana, Illinois.]<br/>For year ending Dec. 31, 1901.<br/>Total earnings.....\$4,533,204<br/>Operating expenses.....3,359,801<br/>Net earnings.....\$1,143,403<br/>Other income.....30,543<br/>Total net income.....\$1,173,946<br/>Total payments.....1,143,350<br/>Surplus.....\$31,596</p>                                                                                                                       | <p>Main Line, 415.47 m.; Indianapolis and Michigan City Div., 161.16 m.; Fort Wayne and Connorsville Div., 108.57 m.; Rushville Br., 24.24 m.; Minster Br., 9.52 m.; Northern Ohio Ry., 161.75 m. Total mileage, 880.65.<br/>EXPRESS Co.—United States.<br/>This road is controlled by Lake Shore &amp; Mich. Southern Ry.</p>                                                                                                                                                                          | <p>President, W. H. Newman, New York; Vice-President, W. C. Brown, New York; Vice-President and Secretary, Chas. F. Cox, New York; General Manager, P. S. Blodgett, Cleveland, O.; General Offices, Grand Central Station, New York; Cleveland, O., and Indianapolis, Ind.</p>                                                                                                                                                 |
| <p><b>Lake Shore and Michigan Southern Railway</b><br/>[New York, Pennsylvania, Ohio, Michigan, Indiana, Illinois.]<br/>For year ending June 30, 1902.<br/>Total earnings.....\$29,473,001<br/>Operating expenses.....20,385,924<br/>Net earnings.....\$9,086,077<br/>Other income.....1,862,933<br/>Total net income.....\$10,949,010<br/>Total payments.....7,457,234<br/>Surplus.....\$3,491,776</p>                                                                                        | <p>Eastern Div., 208 m.; Toledo Div., 138 m.; Michigan Div., 273 m.; Western Div., 101 m.; Air Line Div., 143 m.; Franklin Div., 138 m.; Detroit Div., 189 m.; Lansing Div., 226 m. Total mileage, 1,366.<br/>EXPRESS Co.—Buffalo to Cleveland, American; Buffalo to Chicago, United States.</p>                                                                                                                                                                                                        | <p>Chairman of the Board, Chauncey M. Depew, New York; President, W. H. Newman, New York; Vice-President and Secretary, E. D. Worcester, New York; Vice-President, W. C. Brown, New York; General Manager, P. S. Blodgett, Cleveland, O.; General Superintendent, W. H. Marshall, Cleveland, O.; General Traffic Manager, G. J. Grammer, Cleveland, O. General Offices, Grand Central Station, New York, and Cleveland, O.</p> |
| <p><b>Lehigh Valley Railroad.</b><br/>[New York, New Jersey, Pennsylvania.]<br/>For year ending June 30, 1902.<br/>Total earnings.....\$24,272,254<br/>Operating expenses.....19,652,118<br/>Net earnings.....\$4,620,136<br/>Other income.....1,079,367<br/>Total net income.....\$5,699,503<br/>Total payments.....7,032,280<br/>Deficit.....\$1,332,777</p>                                                                                                                                 | <p>New York Div., 38.48 m.; New Jersey Div., 80.18 m.; Lehigh Div., 107.65 m.; Mahanoy and Hazleton Divs., 172.50 m.; Wyoming Div., 185.65 m.; Penna. and New York Divs., 327.23 m.; Auburn Div., 302.14 m.; Buffalo Div., 128.23 m. Total mileage, 1,342.09.<br/>EXPRESS Co.—United States.</p>                                                                                                                                                                                                        | <p>President, Alfred Walter; Secretary, John R. Fanshawe; General Traffic Manager, H. H. Kingston, New York. General Offices, Philadelphia, Pa.; New York Office, 26 Cortland Street.</p>                                                                                                                                                                                                                                      |
| <p><b>Long Island Railroad.</b><br/>[Long Island, New York.]<br/>For year ending June 30, 1902.<br/>Total earnings.....\$5,883,607<br/>Operating expenses.....4,111,550<br/>Net earnings.....\$1,772,057<br/>Other income.....332,687<br/>Total net income.....\$2,104,744<br/>Total payments.....1,560,489<br/>Surplus.....\$544,255<br/>This road is now owned by the Pennsylvania R. R.</p>                                                                                                 | <p>Main Line—Long Island City to Greenport, 94.74 m.; Long Island City to Port Washington, 18.29 m.; Long Island City to Montauk, 115.13 m.; branches owned, 86.26 m.; branches leased, 69.82 m.; New York and Rockaway Beach Ry., 11.74 m. Total mileage, 395.93.<br/>EXPRESS Co.—Long Island.</p>                                                                                                                                                                                                     | <p>President, W. H. Baldwin, Jr. General Offices, Long Island City, New York, and 123 Broadway, New York.</p>                                                                                                                                                                                                                                                                                                                  |
| <p><b>Louisville and Nashville Railroad.</b><br/>[Kentucky, Indiana, Illinois, Virginia, Tennessee, Alabama, Florida, Louisiana, Mississippi.]<br/>For year ending June 30, 1902.<br/>Total earnings.....\$30,712,257<br/>Operating expenses.....20,902,458<br/>Net earnings.....\$9,809,819<br/>Other income.....1,001,022<br/>Total net income.....\$10,810,841<br/>Total payments.....8,960,534<br/>Surplus.....\$1,850,307<br/>This road is now part of the Atlantic Coast Line System</p> | <p>Cincinnati to Louisville, 114 m.; Louisville to Nashville, 187 m.; Nashville to New Orleans, 625 m.; Memphis Junction to Memphis, 259 m.; St. Louis to Nashville, 320 m.; Louisville to Lexington, 94 m.; other branches, 1,850 m. Total mileage, 3,444.<br/>EXPRESS Co.—Adams Express for places north of Nashville, Guthrie, and Henderson. Southern Express for places on Henderson Division from Henderson to Nashville; the Memphis Line, Guthrie to Memphis, and lines south of Nashville.</p> | <p>President, Milton H. Smith, Louisville, Ky.; Chairman of Board, August Belmont, New York; 1st Vice-President, W. D. Hines, Louisville, Ky.; 2d Vice-President, _____; 3d Vice-President, W. J. Dickinson, Louisville, Ky.; Secretary, J. H. Ellis; General Manager, G. E. Evans; Traffic Manager, C. B. Compton. General Offices, Louisville, Ky.; New York Offices, 120 Broadway.</p>                                      |
| <p><b>Michigan Central R.R.</b><br/>[New York, Ontario, Michigan, Ohio, Indiana, Illinois.]<br/>For year ending Dec. 31, 1901.<br/>Total earnings.....\$18,490,274<br/>Operating expenses.....14,745,964<br/>Net earnings.....\$3,744,310<br/>Other income.....69,739<br/>Total net income.....\$3,814,049<br/>Total payments.....3,790,272<br/>Surplus.....\$23,777</p>                                                                                                                       | <p>Main Line, Buffalo to Chicago, 535.4 m.; Toledo Div., 59.6 m.; St. Clair Div., 66.4 m.; Grand Rapids Div., 94.5 m.; Mackinac Div., 182.3 m.; Air Line Div., 103.7 m.; Saginaw Div., 115.3 m.; Bay City Div., 108.6 m.; Saginaw Bay and N. W. Div., 50.7 m.; other branches, 319.09 m. Total mileage, 1,635.48.<br/>EXPRESS Co.—American.</p>                                                                                                                                                         | <p>Chairman of the Board, Chauncey M. Depew, New York; President, H. B. Ledyard, Detroit, Mich.; Vice-President and Secretary, E. D. Worcester, New York. General Offices, Grand Central Station, New York; Chicago, Ill.; Detroit, Mich.</p>                                                                                                                                                                                  |

| SYSTEMS, LOCATION, AND FINANCIAL DATA.                                                                                                                                                                                                                                                                                                                                                                                                   | Divisions, Mileage, and Operating Express.                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | General Officers.                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
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| <p><b>Maine Central Railroad.</b><br/>[Maine, New Hampshire, Vermont, Quebec.]<br/>For year ending June 30, 1902.<br/>Total earnings..... \$6,194,304<br/>Operating expenses 4,552,260<br/>Net earnings..... \$1,642,044<br/>Other income..... 153,857<br/>Total net income \$1,795,901<br/>Total payments.... 1,435,303<br/>Balance..... \$360,598<br/>Dividends, etc..... 298,566<br/>Surplus..... \$62,032</p>                        | <p>Portland to Vanceboro, via Augusta, 250.90 m.; Cumberland Junction to Skowhegan, 91.20 m.; Bath to Lewiston and Farmington, 76.30 m.; Belfast Br., 33.13 m.; Dexter Br., 30.77 m.; Mt. Desert Br. (including Steam Ferry), 48.83 m.; Portland to Lunenburg, 109.10 m.; Quebec Junction to Lime Ridge, 108.18 m.; Bath to Rockland (including Steam Ferry), 48.99 m.; branches, 26.73 m. Total mileage, 824.13.<br/>EXPRESS Co.—American.</p>                                                                  | <p>President, Lucius Tuttle; Vice-President and General Manager, George F. Evans. General Offices, Portland, Me.</p>                                                                                                                                                                                                                                                                                                                                                                |
| <p><b>Minneapolis &amp; St. Louis Railroad.</b>—“Albert Lea Route.”<br/>[Minnesota, Iowa, S. Dakota.]<br/>For year ending June 30, 1902.<br/>Total earnings..... \$5,540,840<br/>Operating expenses 2,094,720<br/>Net earnings..... \$3,446,120<br/>Other income..... 137,684<br/>Total net income \$3,583,804<br/>Total payments.... 1,386,980<br/>Surplus..... \$196,824</p>                                                           | <p>Albert Lea and Southern Divs., 261.36 m.; Western and Pacific Divs., 216.87 m.; Southwestern Div., 153.50 m. Total mileage, 631.73.<br/>EXPRESS Co.—United States.</p>                                                                                                                                                                                                                                                                                                                                        | <p>President, Edwin Hawley, New York; Vice-President and General Manager, L. F. Day; Secretary, Jos. Gaskell. General Offices, Minneapolis, Minn.; New York Office, 25 Broad Street.</p>                                                                                                                                                                                                                                                                                            |
| <p><b>Minneapolis, St. Paul and Sault Ste. Marie Railway.</b>—“Soo Line.”<br/>[Michigan, Wisconsin, Minnesota, North Dakota, South Dakota.]<br/>For year ending June 30, 1902.<br/>Total earnings..... \$6,222,387<br/>Operating expenses 2,941,627<br/>Net earnings..... \$3,280,760<br/>Other income..... 35,203<br/>Total net income \$3,315,963<br/>Fixed charges..... 2,029,462<br/>Surplus..... \$1,286,501</p>                    | <p>Wisconsin and Peninsula Div., 490.1 m.; Minnesota Div., 549.8 m.; Bismarck Br., 214.2 m.; Rapid River Br., 24.4 m.; Polk County Extension, 22.4 m.; Barron Br., 18.3 m.; Rice Lake and Birchwood Br., 22.8 m.; Missouri River Br., 70.3 m.; St. Croix Falls Br., 4 m.; St. Paul Br., 5.3 m. Total mileage, 1,421.6.<br/>EXPRESS Co.—Western.</p>                                                                                                                                                              | <p>President, Thomas Lowry; Vice-President, John Martin; 2d Vice-President and General Manager, E. Pennington; Secretary, C. F. Clement. General Offices, Minneapolis, Minn.; New York Office, 69 Wall Street, 353 Broadway.</p>                                                                                                                                                                                                                                                    |
| <p><b>Missouri, Kansas and Texas Railway.</b>—“The Katy Route.”<br/>[Missouri, Kansas, Indian Territory, Texas.]<br/>For year ending June 30, 1902.<br/>Total earnings..... \$16,391,400<br/>Operating expenses 11,547,206<br/>Net earnings..... \$4,844,194<br/>Other income..... 33,813<br/>Total net income \$4,878,007<br/>Total payments.... 3,969,067<br/>Surplus..... \$908,940</p>                                               | <p>Missouri, Kansas &amp; Texas: St. Louis to Denison, 658 m.; Kansas City to Stevens, 173 m.; Hannibal to Franklin Junction, 105 m.; Junction City to Parsons, 157 m.; other branches, 232 m.<br/>Missouri, Kansas &amp; Texas Ry. of Texas: Denison to Houston (via Greenville, Dallas, and Hillsboro), 445 m.; Denison to Hillsboro (via Fort Worth), 149 m.; Smithville to San Antonio, 102 m.; Greenville to Shreveport, 171 m.; other branches, 388 m. Total mileage, 2,580.<br/>EXPRESS Co.—American.</p> | <p>General Officers of the System—President, Henry C. Rouse, New York; Vice-President and General Manager, A. A. Allen, St. Louis, Mo.; Traffic Manager, C. Halle, St. Louis, Mo.; Vice-President, Chas. G. Hedge, New York; Secretary, S. Halline, New York; Officers of Missouri, Kansas &amp; Texas Ry. Co. of Texas—Vice-President and General Manager, A. A. Allen, St. Louis, Mo.; 2d Vice-President, J. N. Simpson, Dallas, Tex.; Secretary, G. M. Lindsay, Dallas, Tex.</p> |
| <p><b>Missouri Pacific Railway.</b><br/>[Missouri, Kansas, Nebraska, Colorado, Indian Territory, Arkansas, Louisiana.]<br/>For year ending Dec. 31, 1901. (Including Iron Mountain Line.)<br/>Total earnings..... \$36,661,694<br/>Operating expenses 23,615,515<br/>Net earnings..... \$13,046,579<br/>Other income..... 2,473,431<br/>Total net income \$15,519,010<br/>Total payments.... 14,450,899<br/>Surplus..... \$1,068,111</p> | <p>Missouri Pacific Ry., 1,594 m.; Missouri Pacific Ry. Independent Br. Lines, 1,895 m.; St. Louis, Iron Mountain and Southern Ry., 1,774 m.; Central Br. Ry., 388 m. Total mileage, 4,651.<br/>EXPRESS Co.—Pacific.</p>                                                                                                                                                                                                                                                                                         | <p>President, George J. Gould, New York; 1st Vice-President, Frank Jay Gould, New York; 2d Vice-President, C. G. Warner, St. Louis, Mo.; 3d Vice-President and General Manager, R. Harding, St. Louis, Mo.; Secretary, A. H. Calef, New York. General Offices, St. Louis, Mo.; New York Offices, 195 and 391 Broadway.</p>                                                                                                                                                          |



| SYSTEMS, LOCATION, AND FINANCIAL DATA.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Divisions, Mileage, and Operating Express.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | General Officers.                                                                                                                                                                                                                                                                                                                                                                                                                |
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| <p><b>Mobile and Ohio R.R.</b><br/>[Missouri, Illinois, Kentucky, Tennessee, Mississippi, Alabama.]<br/><i>For year ending June 30, 1902.</i><br/>Total earnings.....\$6,509,488<br/>Operating expenses 4,849,186<br/>Net earnings.....\$2,020,302<br/>Other income.....110,364<br/>Total net income.\$2,130,666<br/>Total payments...2,006,617<br/>Surplus.....\$124,049</p>                                                                                                                                                                                                                                                  | <p>Main Line, St. Louis, Mo., to Mobile, Ala., 644 m.; Aberdeen Br., 9 m.; Starkville Br., 11 m.; Artesia, Miss., to Montgomery, Ala., 181.2 m.; Blocton Br., 13 m.; Columbus, Ky., Br., 1.3 m.; Millstadt Br., 7 m. Total mileage, 866.5. Mobile and Bay Shore Ry., 42.2 m.</p>                                                                                                                                                                                                                                                                                                                                                                       | <p>Chairman of the Board, W. Butler Duncan, New York; President, Samuel Spencer, New York; 1st Vice-President, A. B. Andrews, Raleigh, N. C.; 2d Vice-President, W. W. Finley, Washington, D. C.; General Manager, C. S. Clarke, St. Louis, Mo.; Secretary, Henry Tacon, Mobile, Ala. General Offices, Mobile, Ala.; St. Louis, Mo.; New York Office, 180 Broadway.</p>                                                          |
| EXPRESS Co.—Southern.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <p><b>Nashville, Chattanooga and St. Louis Railway.</b><br/>—“Lookout Mountain Route.”<br/>[Georgia, Alabama, Tennessee, Kentucky.]<br/><i>For year ending June 30, 1902.</i><br/>Total earnings.....\$7,992,530<br/>Operating expenses 5,622,114<br/>Net earnings.....\$2,370,416<br/>Other income.....18,130<br/>Total net income.\$2,388,546<br/>Total payments.....1,863,835<br/>Surplus.....\$524,711</p>                                                                                                                                                                                                                 | <p>Main Line, 320.21 m.; McMinnville Br., 69.54 m.; Sequatchie Valley R. R., 63.13 m.; Tracy City Br., 20.73 m.; Centreville Br., 65.94 m.; Shelbyville Br., 8.1 m.; Lebanon Br., 29.21 m.; Western and Atlantic R. R., 136.82 m.; Rome R. R., 18.15 m.; Huntsville and Gadsden Line, 80.21 m.; Fayetteville and Columbia Br., 86.47 m.; Paducah and Memphis Div., 254.20 m.; Middle Tenn. and Ala. Div., 36.98 m.; West Nashville Br., 6.26 m. Total mileage, 1,195.86.</p>                                                                                                                                                                           | <p>President, J. W. Thomas; General Manager, J. W. Thomas, Jr.; Traffic Manager, H. F. Smith; Secretary, J. H. Ambrose. General Offices, Nashville, Tenn.; New York Office, 120 Broadway. General Offices of Western and Atlantic R. R., Atlanta, Ga.</p>                                                                                                                                                                        |
| EXPRESS Co.—Southern.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <p><b>New York, Chicago and St. Louis Railroad.</b><br/>—“Nickel Plate Road.”<br/>[New York, Pennsylvania, Ohio, Indiana, Illinois.]<br/><i>For year ending Dec. 31, 1901.</i><br/>Total earnings.....\$7,465,484<br/>Operating expenses 4,891,752<br/>Net earnings.....\$2,593,732<br/>Other income.....32,293<br/>Total net income.\$2,626,023<br/>Fixed charges.....2,587,051<br/>Surplus.....\$38,932</p>                                                                                                                                                                                                                  | <p>Buffalo, N. Y., to Chicago, Ill., 523 m.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <p>Chairman of the Board, Chauncey M. Depew, New York; President, W. H. Canniff, Cleveland, O.; Secretary, Chas. F. Cox, New York. General Offices, Cleveland, O.; New York Offices, Grand Central Station.</p>                                                                                                                                                                                                                  |
| EXPRESS Co.—National.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <p><b>New York Central and Hudson River Railroad.</b><br/>[New York, New Jersey, Pennsylvania, Massachusetts.]<br/><i>For year ending June 30, 1902.</i><br/>(For entire system east of Buffalo, except Dunkirk, Allegheny Valley and Pittsburgh R. R.)<br/>Total earnings.....\$70,903,568<br/>Operating expenses 46,863,489<br/>Net earnings.....\$24,040,399<br/>Other income.....4,876,023<br/>Total net income.\$28,916,402<br/>Total payments...20,899,684<br/>Balance.....88,016,718<br/>Dividends.....5,961,411<br/>Surplus.....\$2,055,307<br/>Special appropriation, etc.....1,750,000<br/>Surplus.....\$305,307</p> | <p>New York Central and Hudson River R.R., 810.25 m.; West Shore R. R., 478.97 m.; New York and Harlem R. R., 136.60 m.; Rome, Watertown and Ogdensburg R. R., 624.45 m.; Dunkirk, Allegheny Valley and Pittsburgh R. R., 90.60 m.; Beech Creek R. R., 159.69 m.; Mohawk and Malone Ry., 182.22 m.; Carthage and Adirondack Ry., 45.85 m.; New York and Putnam R. R., 58.83 m.; Fall Brook Ry., 91.51 m.; Pine Creek Ry., 74.96 m.; Syracuse, Geneva and Corning Ry., 64.27 m.; Wallkill Valley R. R., 32.88 m.; other branches, 31.17 m.; Boston and Albany R. R. (for express and mileage see Boston and Albany R. R.). Total mileage, 3,319.58.</p> | <p>Chairman of the Board, Chauncey M. Depew; President, William H. Newman; 1st Vice-President, E. V. W. Rossiter; 2d Vice-President, Edgar Van Etten, Boston, Mass.; 3d Vice-President, W. C. Brown; Secretary, E. D. Worcester; Comptroller, J. Carstensen; Traffic Manager, Nathan Guilford; General Superintendent, A. H. Smith. General Offices, Grand Central Station, Fourth Avenue and Forty-second Street, New York.</p> |
| EXPRESS Co.—American. National Express on West Shore R. R.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <p><b>New York, Ontario and Western Railway.</b><br/>[New York, Pennsylvania.]<br/><i>For year ending June 30, 1902.</i><br/>Total earnings.....\$5,456,696<br/>Operating expenses 4,157,554<br/>Net earnings.....\$1,298,942<br/>Other income.....511,975<br/>Total net income.\$1,810,917<br/>Total payments...1,151,957<br/>Surplus.....\$658,960</p>                                                                                                                                                                                                                                                                       | <p>Main Line, Cornwall, N. Y., to Oswego, N. Y., 271.75 m.; Delhi Br., 16.84 m.; Wharton Valley R.R., 6.80 m.; New Berlin Br., 22.38 m.; Utica Div., 31.30 m.; Rome Br., 12.78 m.; Scranton Div., 54.05 m.; Ellenville Br., 7.80 m.; Pecksport Ry., 3.69 m.; Weehawken, N. J., to Cornwall, N. Y. (trackage rights), 53.07 m.; Ellenville and Kingston R. R. (building), 28.14 m. Total mileage, 507.60.</p>                                                                                                                                                                                                                                           | <p>President, Thomas P. Fowler; Vice-President, J. B. Kerr; General Manager, J. E. Childs; Secretary, R. D. Rickard. General Offices 56 Beaver Street, New York.</p>                                                                                                                                                                                                                                                             |
| EXPRESS Co.—Adams.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                  |

**SYSTEMS, LOCATION, AND FINANCIAL DATA.**

**New York, New Haven and Hartford Railroad.**

[Massachusetts, Rhode Island, Connecticut, New York.]  
*For year ending June 30, 1902.*  
 Total earnings.....\$43,521,087  
 Operating expenses 31,273,873  
 Net earnings.....\$12,248,214  
 Other income..... 613,060  
 Total net income.\$12,860,274  
 Total payments.... 12,477,982  
 Surplus.....\$882,292

**New York, Susquehanna & Western Railroad.**

[New Jersey and New York.]  
*For year ending June 30, 1902.*  
 Total earnings....\$2,583,927  
 Operating expenses 1,470,582  
 Net earnings.....\$1,113,345  
 Other income.... 32,621  
 Total net income.\$1,145,966  
 Total payments.... 924,607  
 Surplus.....\$221,359

**Norfolk and Western Railway.**

[Maryland, West Virginia, Virginia, North Carolina, Ohio.]  
*For year ending June 30, 1902.*  
 Total earnings.....\$17,552,205  
 Operating expenses 10,136,228  
 Net earnings.....\$7,415,977  
 Other income..... 74,895  
 Total net income.\$7,490,872  
 Total payments.... 7,308,799  
 Surplus.....\$182,073

**Northern Pacific Ry.**

[Wisconsin, Minnesota, North Dakota, Montana, Idaho, Washington, Oregon.]  
*For year ending June 30, 1902.*  
 Total earnings....\$41,287,379  
 Operating expenses 21,288,413  
 Net earnings.....\$20,098,966  
 Other income..... 3,843,765  
 Total net income.\$23,942,731  
 Total payments.... 19,395,444  
 Surplus.....\$4,547,287

**Oregon Short Line Railroad.**

[Utah, Wyoming, Idaho, Montana, Oregon, Nevada.]  
 This road is now part of the Union Pacific System.

**Pennsylvania Railroad.**

[New York, New Jersey, Pennsylvania, Delaware, Maryland, District of Columbia, Ohio, Indiana, Illinois.]  
*For year ending Dec. 31, 1901.*  
 (Lines East of Pittsburgh.)  
 Total earnings....\$101,329,795  
 Operating expenses 65,259,543  
 Net earnings.....\$36,070,252  
 Other income..... 8,584,914  
 Total net income.\$44,655,166  
 Total payments.... 44,655,166  
 By net profit on stock sales, etc.\$10,361,929  
 Extra expenditures..... 8,536,757  
 Surplus.....\$1,825,172

**Divisions, Mileage, and Operating Express.**

New York Div., 116 m.; Hartford Div., 156 m.; Highland Div., 171 m.; Midland Div., 148 m.; Air Line Div., 55 m.; Northampton Div., 137 m.; Naugatuck Div., 61 m.; Berkshire Div., 187 m.; Worcester Div., 195 m.; Plymouth Div., 279 m.; Taunton Div., 229 m.; Providence Div., 77 m.; Shore Div., 198 m. Total mileage, 2,008.  
 Marine District is composed of the Fall River Line, Norwich Line, Stonington Line, and New Haven Line.  
 EXPRESS Co.—Adams (probably).

Main Line, Jersey City, N. J., to Stroudsburg, Pa., 101 m.; Wilkes-Barre and Eastern R. R., 65 m.; Middletown Div., 34.2 m.; other branches, 35.8 m. Total mileage, 235.9.  
 EXPRESS Co.—Wells, Fargo & Co.

Main Line, 408 m.; Cincinnati Div., 126 m.; Shenandoah Div., 239 m.; Durham Div., 116 m.; North Carolina Div., 63 m.; Virginia and Ohio Line, 415 m.; Clinch Valley Div., 105 m.; Winston-Salem Div., 122 m.; branches, 91 m. Total mileage, 1,685.  
 EXPRESS Co.—Southern.

St. Paul, Minn., to Portland, Ore., 2,056 m.; other divisions and branches, 2,981 m. Total mileage, 5,037.  
 This company connects with the North Pacific S. S. Line from Tacoma, Wash., to Victoria, China, and Japan, and from Seattle, Wash., to Victoria, V. I.  
 EXPRESS Co.—Northern Pacific.

Lines in Utah, 553.34 m.; in Wyoming, 111.36 m.; in Idaho, 831.03 m.; in Montana, 182.96 m.; in Oregon, 15.41 m.; in Nevada, 40.47 m. Total mileage, 1,734.57.  
 EXPRESS Co.—Pacific.

Pennsylvania R. R., 1,781 m.; United R. R. of New Jersey, 474 m.; Philadelphia and Erie R. R., 601 m.; Northern Central Ry., 391 m.; Philadelphia, Wilmington and Baltimore R. R., 669 m.; West Jersey and Sea Shore R. R., 329 m.; Cumberland Valley R. R., 163 m.; Buffalo and Allegheny Valley Div., 809 m.; Baltimore, Chesapeake and Atlantic Ry., 89 m.; Long Island R. R., 396 m.; New York and Long Branch R. R., 98 m.; Pennsylvania lines west of Pittsburgh, 4,741 m. Total mileage, 10,486.  
 EXPRESS Co.—Adams.

**General Officers.**

President, John M. Hall; Vice-President, Wm. D. Bishop, Sr.; General Manager, W. E. Chamberlain, Boston. General Offices, New Haven, Ct.; New York Offices, Grand Central Station; Marine District, Pier 19, North River.

Chairman of the Board, E. B. Thomas; President, F. D. Underwood; 1st Vice-President, G. M. Cumming; 2d Vice-President and Secretary, J. A. Middleton; 3d Vice-President, D. Willard. General Offices, 21 Cortlandt Street, New York.

President, F. J. Kimball, Philadelphia; Vice-President and General Manager, L. E. Johnson, Roanoke, Va.; Secretary, A. J. Hemphill, Philadelphia, Pa. General Offices, Roanoke, Va.; New York Offices, 40 Exchange Place and 398 Broadway.

President, C. S. Mellen; Vice-President, D. S. Lamont, New York; 2d Vice-President, J. M. Hannaford; General Manager, Thomas Cooper; Secretary, G. H. Earl, New York. General Offices, St. Paul, Minn.; New York Offices, 49 Wall Street and 319 Broadway.

President, Edward H. Harriman, New York; Vice-President and General Manager, W. H. Bancroft, Salt Lake City; Vice-President, Wm. D. Cornish, New York; Secretary, Alex. Millar, New York. General Offices, Salt Lake City, Utah; New York Offices, 120 and 287 Broadway.

President, A. J. Cassatt; 1st Vice-President, John P. Green; 2d Vice-President, Chas. E. Pugh; 3d Vice-President, S. M. Prevost; 4th Vice-President, Samuel Rea; General Manager, J. B. Hutchinson; Secretary, Lewis Neilson. General Offices, Broad Street Station, Philadelphia; New York Offices, 128 and 1196 Broadway and 1 Astor House.

SYSTEMS, LOCATION, AND FINANCIAL DATA.

Divisions, Mileage, and Operating Express.

General Officers.

**Oregon Railroad and Navigation Co.**  
[Oregon, Washington, Idaho.]  
This road is now part of the Union Pacific System.

Portland, Ore., to Huntington, Ore., 405 m.; Spokane Div., 245 m.; other branches, 474 m. Total mileage, 1,124.

Steamer Lines: Portland, Ore., to San Francisco, Cal.; Portland to Astoria, Independence, and Dayton, Ore.; Portland to China and Japan.

EXPRESS Co.—Pacific; Portland, Ore., to San Francisco—Wells, Fargo & Co.

**Pere Marquette Railroad.**

[Michigan, Ohio, Indiana.]  
For year ending Dec. 31, 1901.  
Total earnings.....\$9,201,175  
Operating expenses 7,110,211  
Net earnings.....\$2,090,964  
Total payments.....1,929,334  
Surplus.....\$161,630

Chicago, Grand Rapids and Petoskey Line, 349 m.; New Buffalo Br., 38 m.; Muskegon Div., 106 m.; Big Rapids Div., 51 m.; Detroit-Grand Rapids Line, 153 m.; Saginaw and Bay City Line, 143 m.; Kalkaska Br., 33 m.; Grand Ledge-Big Rapids Line, 109 m.; Toledo-Ludington Line, 306 m.; Port Huron Div., 90 m.; Port Austin Div., 110.6 m.; Almont Br., 34 m.; other branches, 107 m.; Saginaw, Tuscola and Huron R. R., 78 m. Total mileage, 1,705.6.

EXPRESS Co.—American.

**Philadelphia and Reading Railway.**

[New Jersey, Pennsylvania, Delaware.]  
For year ending June 30, 1902.  
Total earnings.....\$29,515,535  
Operating expenses, 16,516,496  
Net earnings.....\$12,999,039  
Total payments.... 11,772,626  
Surplus.....\$1,226,413

Reading Div., 309.82 m.; Philadelphia Div., 42.92 m.; New York Div., 142.69 m.; Lebanon Div., 146.44 m.; Shamokin Div., 226.11 m.; Wilmington and Columbia Div., 135.35 m.; other lines operated separately, 464.90 m. Total mileage, 1,468.23.

EXPRESS Co.—United States

**Pittsburgh and Western Railway.**

Now part of Baltimore and Ohio System.

**Plant System.**

Now part of the Atlantic Coast Line.

**Queen and Crescent Route.**

[Ohio, Kentucky, Tennessee, Georgia, Alabama, Mississippi, Louisiana.]  
For year ending June 30, 1902.  
(C., N. O. & T. P. Ry.)  
Total earnings.....\$5,660,404  
Operating expenses, 4,239,593  
Net earnings.....\$1,420,811  
Other income..... 25,849  
Total net income.\$1,446,660  
Total payments..... 1,237,525  
Surplus.....\$209,135

Comprising the following lines: Cincinnati, New Orleans and Texas Pacific Ry. 338 m.; New Orleans and Northeastern R. R., 196 m.; Alabama and Vicksburg Ry., 142 m.; Vicksburg, Shreveport and Pacific Ry., 171 m.; Alabama Great Southern R. R., 309.41 m. Total mileage, 1,156.41.

EXPRESS Co.—Southern; for places in Ohio and Kentucky on C. N. O. & T. P. Ry., Adams.

**Rio Grande Western Railway.**

[Colorado and Utah.]  
Financial report included in Denver and Rio Grande R. R.

Grand Junction, Col., to Ogden, Utah, 328.40 m.; San Pete and Sevier Br., 132.51 m.; Tintic Br., 43.73 m.; Pleasant Valley Br., 31.43 m.; Bingham Br., 14.26 m.; Little Cottonwood Br., 10.06 m.; Provo Canon Br., 26 m.; Sunnyside Br., 17.96 m.; Park City Br., 31.47 m.; other branches, 42.16 m. Total mileage, 670.88.

EXPRESS Co.—Wells, Fargo & Co.

Chairman of the Board, E. H. Harriman, New York; President, A. L. Mohler; Secretary, W. W. Cotton. General Offices, Portland, Ore.; New York Offices, 120 and 287 Broadway.

Chairman of the Board, W. W. Crapo, New Bedford, Mass.; President, C. M. Heald; Vice-Presidents, M. T. Cox, New York, and J. M. Graham, Boston; Secretary, Chas. Merriam, Boston; General Manager, S. T. Crapo; Traffic Manager, A. Patriarche. General Offices, Detroit, Mich.

President, George F. Baer; First Vice-President, Theodore Voorhees; 2d Vice-President, C. E. Henderson; Secretary, W. R. Taylor. General Offices, Philadelphia, Pa.

C., N. O. & T. P. Ry.—Chairman of Board, H. F. Shoemaker, New York; President, Samuel Spencer, New York; Secretary, W. A. Shoemaker, Cincinnati, O.; General Manager, W. J. Murphy, Cincinnati, O.

Ala. G. S. R. R.—President, Samuel Spencer, 80 Broadway, New York; 1st Vice-President, A. B. Andrews, Raleigh, N. C.; 2d Vice-President, W. W. Finley, Washington, D. C.; General Manager, W. J. Murphy, Cincinnati, O.

N. O. & N. E., A. & V., and V., S. & P. Rs.—President and General Manager, C. C. Harvey, New Orleans, La.; Secretary, John F. Brent, New Orleans, La.

Chairman of the Board, George J. Gould, New York; President, E. T. Jeffery, New York; 1st Vice-President and General Manager, Russell Harding; Secretary, Stephen Little, New York. General Offices, Denver, Col.; New York Office, 195 Broadway.

| SYSTEMS, LOCATION, AND FINANCIAL DATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Divisions, Mileage, and Operating Express.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | General Officers.                                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Rutland Railroad.</b><br>[Vermont and New York.]<br><i>For year ending June 30, 1902.</i><br>Total earnings..... \$2,134,861<br>Operating expenses 1,371,291<br>Net earnings..... \$763,090<br>Other income..... 159,925<br>Total net income..... \$923,015<br>Total payments.... 921,329<br>Surplus..... \$1,686                                                                                                                                                                                                       | White Creek, Vt., to Canada Line, Que., 161.40 m.; Chatham, N. Y., to Bennington, Vt., 57.30 m.; Bennington, Vt., to No. Bennington, 4.50 m.; Bellows Falls, Vt., to Rutland, Vt., 52.53 m.; Alburgh, Vt., to Ogdensburg, N. Y., 121.60 m.; Canada Line to Noyan Jct., Que., 3.40 m.; Leicester Jct., Vt., to Addison Jct., N. Y., 15.60 m. Total mileage, 416.33.<br>EXPRESS Co.—National; Rouse's Point to Ogdensburg, American.                                                                                                                                                                                                                                                                                                        | President, W. Seward Webb, New York; General Manager, George T. Jarvis. General Offices, Rutland, Vt.                                                                                                                                                                                                                                                                                                   |
| <b>San Antonio and Aransas Pass Railway.</b><br>[Texas.]<br><i>For year ending Dec. 30, 1901.</i><br>Total earnings..... \$2,618,377<br>Operating expenses 1,887,136<br>Net earnings..... \$731,241<br>Other income..... 4,263<br>Total net income..... \$735,504<br>Total payments.... 1,106,014<br>Deficit..... \$370,510                                                                                                                                                                                                | Houston, Tex., to San Antonio, Tex., 238 m.; Kenedy, Tex., to Corpus Christi, Tex., 88 m.; Rockport Br., 21 m.; Lockhart Br., 55 m.; Alice Br., 43 m.; Waco Br., 171 m.; Kerrville Br., 71 m. Total mileage, 637.<br>EXPRESS Co.—Wells, Fargo & Co.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | President, Wm. D. Cornish, New York; Vice-President and General Manager, M. D. Monserrate; Secretary, Reagan Houston. General Offices; San Antonio, Tex.; New York Office, 120 Broadway.                                                                                                                                                                                                                |
| <b>Seaboard Air Line.</b><br>[Virginia, North Carolina, South Carolina, Georgia, Florida, Alabama.]<br><i>For year ending June 30, 1902.</i><br>Total earnings..... \$11,579,815<br>Operating expenses, 8,144,319<br>Net earnings..... \$3,435,596<br>Fixed charges not reported.                                                                                                                                                                                                                                          | First Div., 365.84 m.; Second Div., 336.67 m.; Third Div., 395.26 m.; Fourth Div., 734.70 m.; Fifth Div., 702 m. Total mileage, 2,584.47.<br>EXPRESS Co.—Southern.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | President John S. Williams, Richmond, Va.; Vice-President and General Manager, J. M. Barr; 3d Vice-President, J. W. Middendorf; 4th Vice-President, V. E. McBee; Secretary, D. C. Porteous. General Offices, Portsmouth, Va.; New York Offices, 15 Wall Street, 387 and 1183 Broadway.                                                                                                                  |
| <b>Southern Railway.</b><br>[District of Columbia, Virginia, North Carolina, South Carolina, Georgia, Alabama, Mississippi, Tennessee, Kentucky, Illinois, Indiana, Missouri.]<br><i>For year ending June 30, 1902.</i><br>Total earnings..... \$37,713,243<br>Operating expenses 26,846,836<br>Net earnings..... \$10,866,412<br>Other income..... 824,509<br>Total net income..... \$11,689,921<br>Total payments.... 8,089,023<br>Balance..... \$3,600,899<br>Pref. dividends.... 1,600,000<br>Surplus..... \$2,100,899 | Eastern District: Washington Div., 343.86 m.; Danville Div., 639.45 m.; Charlotte Div., 413.48 m.; Richmond Div., 282.85 m.; Norfolk Div., 437.20 m.; Asheville Div., 489.57 m.; Savannah Div., 788.25 m.; Charleston Div., 439.17 m. Western District: Knoxville Div., 555.74 m.; Knoxville and Augusta R. R., 26.21 m.; Memphis Div., 332.03 m.; Atlanta Div., 710.29 m.; Birmingham Div., 575.79 m.; Mobile Div., 572.50 m.; St. Louis Div., 374.18 m.; Louisville Div., 139.73 m. Total mileage, 7,107.35.<br>EXPRESS Co.—Southern.                                                                                                                                                                                                   | President, Samuel Spencer, New York; 1st Vice-President, A. B. Andrews, Raleigh, N. C.; 2d Vice-President, W. W. Finly; 3d Vice-President, ———; 4th Vice-President, J. M. Culp; General Manager, C. H. Ackers; Secretary, R. D. Lankford, New York. General Offices, Washington, D. C.; New York Offices, 80, 271, 1185 Broadway.                                                                       |
| <b>Southern Pacific Company.—“Sunset, Ogden and Shasta Routes.”</b><br>[Louisiana, Texas, New Mexico, Arizona, California, Nevada, Oregon, Utah.]<br><i>For year ending June 30, 1902.</i><br>Total earnings..... \$83,543,821<br>Operating expenses, 56,781,001<br>Net earnings..... \$26,762,820<br>Other income..... 3,617,383<br>Total net income..... \$30,380,203<br>Total payments.... 31,375,080<br>Deficit..... \$994,877                                                                                         | Pacific System: Central Pacific R. R., 1,359.30 m.; Oregon and California R. R., 655.76 m.; Southern Pacific R. R. of California, 2,395.14 m.; Southern Pacific R. R. of Arizona, 392.90 m.; Southern Pacific R. R. of New Mexico, 167.45 m.; Sonora Ry. of Mexico, 262.60 m.; South Pacific Coast Ry., 101.10 m. Atlantic System: Louisiana Western R. R., 140.67 m.; Morgan's Louisiana and Texas R. R., 323.77 m.; Galveston, Harrisburg and San Antonio Ry., 918.16 m.; Texas and New Orleans R. R., 326.17 m.; Gulf, Western Texas and Pacific Ry., 111.20 m.; Houston, East and West Texas Ry., 190.69 m.; Carson and Colorado Ry., 299.62 m.; branch lines, 830.20 m. Total rail mileage, 8,750.<br>EXPRESS Co.—Wells, Fargo & Co. | Chairman of the Board, Charles H. Tweed, New York; President, E. H. Harriman, New York; Vice-President, H. E. Huntington, San Francisco, Cal.; 2d Vice-President (vacant); 3d Vice-President, J. C. Stubbs, San Francisco, Cal.; 4th Vice-President and General Manager, J. Kruttschnitt, San Francisco, Cal. General Offices, San Francisco, Cal.; New York Offices, 23 Broad Street and 349 Broadway. |

| SYSTEMS, LOCATION, AND FINANCIAL DATA.                                                                                                                                                                                                                                                                                                                                                                    | Divisions, Mileage, and Operating Express.                                                                                                                                                                                                                                                                                                                                                                                                                                     | General Officers.                                                                                                                                                                                                                                                                                                         |
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| <p><b>St. Joseph and Grand Island Railway.</b><br/>[Missouri, Kansas, and Nebraska.]<br/><i>For year ending June 30, 1902.</i><br/>Total earnings.....\$1,349,790<br/>Operating expenses..... 852,384<br/>Net earnings..... \$497,406<br/>Total payments..... 479,706<br/>Surplus..... \$17,700</p>                                                                                                       | <p>Kansas City, Kan., to Grand Island, Neb., 313 m.<br/>EXPRESS Co.—Wells, Fargo &amp; Co.</p>                                                                                                                                                                                                                                                                                                                                                                                 | <p>President, Wm. L. Bull, New York; Vice-President, Henry Budge, New York; Secretary, W. S. Wilson, New York; 2d Vice-President and General Manager, Raymond Dupuy, St. Joseph, Mo. General Offices, St. Joseph, Mo.; New York Office, 38 Broad Street.</p>                                                              |
| <p><b>St. Louis and San Francisco Railroad.</b></p>                                                                                                                                                                                                                                                                                                                                                       | <p>See "Frisco System."</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                           |
| <p><b>St. Louis Southwestern Railway System.—"Cotton Belt Route."</b><br/>[Missouri, Arkansas, Louisiana, Texas.]<br/><i>For year ending June 30, 1902.</i><br/>Total earnings.....\$7,267,259<br/>Operating expenses..... 5,175,966<br/>Net earnings..... \$2,094,193<br/>Other income..... 89,018<br/>Total net income.....\$2,183,211<br/>Total payments..... 1,455,022<br/>Surplus..... \$728,189</p> | <p><i>St. Louis Southwestern Ry.:</i> Main Line, 419 m.; Stuttgart Br., 34.8 m.; New Madrid Br., 5.2 m.; Little Rock Br., 44.4 m.; Shreveport Br., 61.8 m.; Gray's Point Br., 67.7 m. Total mileage, 652.9.<br/><i>St. Louis Southwestern Ry. of Texas:</i> Main Line, 304.9 m.; Sherman Br., 52.2 m.; Fort Worth Br., 155 m.; Hillsboro Br., 41.9 m.; Lufkin Br., 90 m.; Dallas Br., 25.2 m. Total mileage, 669.2. Grand total mileage, 1,302.1.<br/>EXPRESS Co.—Pacific.</p> | <p>President, Edwin Gould, New York; Vice-President and General Manager, F. H. Britton, St. Louis, Mo.; Freight Traffic Manager, H. E. Farrell, St. Louis, Mo.; Secretary, G. Erbeling, New York. General Offices, St. Louis, Mo., and 195 Broadway, New York. General Offices St. L. S. W. Ry. of Texas, Tyler, Tex.</p> |
| <p><b>Terre Haute &amp; Indianapolis Railroad.—"Vandalia Line."</b><br/>[Indiana, Illinois, Missouri.]<br/><i>For year ending Oct. 31, 1902.</i><br/>Total earnings.....\$1,770,832<br/>Operating expenses..... 1,100,827<br/>Net earnings..... \$670,005<br/>Other income..... 26,822<br/>Total net income..... \$696,827<br/>Total payments..... 254,362<br/>Surplus..... \$442,465</p>                 | <p>Indianapolis, Ind., to St. Louis, Mo., 240 m.; Terre Haute and Logansport Ry., 182 m.; Peoria Div., 174 m.; Centre Point Div., 8 m.; Logansport and Toledo Ry., 94 m. Total mileage, 700.<br/>EXPRESS Co.—Adams.</p>                                                                                                                                                                                                                                                        | <p>Receiver, V. T. Malott, Indianapolis, Ind.; President, James McCrea, Pittsburgh, Pa.; General Manager, H. I. Miller, St. Louis, Mo.; Secretary, George E. Farrington, Terre Haute, Ind.; Secretary T. H. and L. Ry. and L. and T. Ry., S. B. Leggett, Pittsburgh, Pa.</p>                                              |
| <p><b>Texas and Pacific Railway.</b><br/>[Louisiana, Arkansas, and Texas.]<br/><i>For year ending Dec. 31, 1901.</i><br/>Total earnings.....\$11,769,941<br/>Operating expenses..... 8,034,450<br/>Net earnings..... \$3,735,491<br/>Other income..... 363,134<br/>Total net income.....\$4,098,625<br/>Total payments..... 3,772,548<br/>Surplus..... \$326,077</p>                                      | <p>Texarkana to El Paso, 860 m.; Texarkana to Fort Worth, via Sherman, 244 m.; Marshall to New Orleans, 361 m.; branches, 242 m. Total mileage, 1,707.<br/>EXPRESS Co.—Pacific.</p>                                                                                                                                                                                                                                                                                            | <p>President, George J. Gould; 2d Vice-President, Frank J. Gould, New York; 1st Vice-President and General Manager, L. S. Thorne, Dallas, Tex.; Secretary, C. E. Satterlee, New York. General Offices, 195 Broadway, New York, and Dallas, Tex.</p>                                                                       |
| <p><b>Toledo and Ohio Central Railway, and Kanawha and Michigan Ry. "Ohio Central Lines."</b><br/>[Ohio and West Virginia.]<br/><i>For year ending June 30, 1902.</i><br/>(Toledo and Ohio Cent. Ry.)*<br/>Total earnings.....\$2,877,659<br/>Operating expenses..... 2,278,476<br/>Net earnings..... \$599,182<br/>Total payments..... 459,577<br/>Surplus..... \$139,605</p>                            | <p>Toledo, O., to Gauley, W. Va., 361 m.; Toledo to Thurston, O., 148 m.; Buckingham Br., 9 m.; Peoria to St. Mary's, O., 58 m. Total mileage, 576.<br/>EXPRESS Co.—United States.</p>                                                                                                                                                                                                                                                                                         | <p>Chairman of Board, Decatur Axtell, Richmond, Va.; President, N. Monsarrat, Columbus, O.; 1st Vice-President, T. &amp; O. C. Ry., Chas. G. Hickox, Cleveland, O.; 1st Vice-President, K. &amp; M. Ry., R. W. Hickox, Cleveland, O.; 2d Vice-President and Secretary, J. M. Ferris, General Offices, Toledo, O.</p>      |

\* Kanawha and Michigan Ry.—Total earnings, \$1,096,353; operating expenses, \$856,359; net earnings, \$240,000; total payments, \$133,645; surplus, \$116,354.

| SYSTEMS, LOCATION, AND FINANCIAL DATA.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Divisions, Mileage, and Operating Express.                                                                                                                                                                                                                                                                                                                                                                       | General Officers.                                                                                                                                                                                                                                             |
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| <p><b>Toledo, St. Louis and Western Railroad.</b>—<br/>                     "Clover Leaf Route."<br/>                     [Ohio, Indiana, Illinois, Missouri.]<br/>                     For year ending June 30, 1902.<br/>                     Total earnings.....\$2,640,880<br/>                     Operating expenses. 1,915,433<br/>                     Net earnings..... \$725,447<br/>                     Other income..... 9,643<br/>                     Total net income. \$735,090<br/>                     Total payments..... 679,400<br/>                     Surplus..... \$55,690</p>                                                                                                                         | <p>Toledo, O., to St. Louis, Mo., 453 m.<br/>                     EXPRESS Co.—National.</p>                                                                                                                                                                                                                                                                                                                      | <p>Chairman of the Board, W. A. Read, New York; President, Benjamin Norton, Toledo, O.; Vice-President, Henry Budge, New York; Secretary, Jos. H. Seaman, New York; General Traffic Manager, C. D. Whitney, Toledo, O.</p>                                    |
| <p><b>Union Pacific Railroad.</b>—<br/>                     "Overland Route."<br/>                     [Kansas, Nebraska, Iowa, Colorado, Wyoming, Utah, Missouri.]<br/>                     For year ending June 30, 1902.<br/>                     (Including Union Pacific, Oregon Ry. &amp; Nav. Co., and Oregon Short Line.)<br/>                     Total earnings.....\$47,500,280<br/>                     Operating expenses 25,559,227<br/>                     Net earnings.... \$21,941,053<br/>                     Other income..... 4,580,602<br/>                     Total net income\$26,521,655<br/>                     Total payments.... 20,205,694<br/>                     Surplus..... \$6,315,961</p> | <p>Nebraska Div., 977.46 m.; Kansas Div., 992.64 m.; Colorado Div., 459.90 m.; Wyoming Div., 511.84 m.<br/>                     Total mileage, 2,941.84.<br/>                     EXPRESS Co.—Pacific.<br/>                     This road also controls the Oregon Ry. and Nav. Co. and the Oregon Short Line.</p>                                                                                               | <p>President, Horace G. Burt, Omaha, Neb.; Vice-President, Wm. D. Cornish, New York; General Manager, E. Dickinson, Omaha, Neb.; Secretary, Alexander Millar, New York. General Offices, Omaha, Neb.; New York Offices, 120 and 287 Broadway.</p>             |
| <p><b>Wabash Railroad.</b><br/>                     [Ontario, Canada, Ohio, Indiana, Michigan, Illinois, Missouri, Iowa.]<br/>                     For year ending June 30, 1902.<br/>                     Total earnings.....\$19,053,493<br/>                     Operating expenses 13,847,435<br/>                     Net earnings..... \$5,206,058<br/>                     Other income..... 317,288<br/>                     Total net income \$5,523,346<br/>                     Interest and rentals 5,321,883<br/>                     Surplus..... \$201,463</p>                                                                                                                                                    | <p>Buffalo Div., 275.3 m.; Eastern Div., 358.8 m.; Detroit Div., 272 m.; Middle Div., 744.9 m.; Western Div., 716.4 m. Total mileage, 2,367.3.<br/>                     EXPRESS Co.—Pacific.</p>                                                                                                                                                                                                                 | <p>Chairman of the Board, O. D. Ashley, New York; President, Joseph Ramsey; Vice-President, Edgar T. Welles, New York; Secretary, J. C. Otteson, New York. General Offices, St. Louis, Mo.; New York Offices, 195 and 387 Broadway.</p>                       |
| <p><b>Western Maryland Railroad.</b><br/>                     [Maryland, Pennsylvania, West Virginia.]<br/>                     For year ending Sept. 30, 1901.<br/>                     Total earnings.....\$3,119,473<br/>                     Operating expenses 1,334,756<br/>                     Net earnings..... \$784,717<br/>                     Other income..... 32,957<br/>                     Total net income.. \$817,674<br/>                     Total payments.... 468,834<br/>                     Surplus..... \$348,840</p>                                                                                                                                                                               | <p>Main Line, 260 m.; other branches, 23 m. Total mileage, 283.<br/>                     EXPRESS Co.—Adams.</p>                                                                                                                                                                                                                                                                                                  | <p>President, W. S. Pierce, New York; Vice-President and General Manager, F. S. Landstreet; Secretary, J. T. M. Barnes. General Offices, Baltimore, Md.</p>                                                                                                   |
| <p><b>Wheeling and Lake Erie Railroad.</b><br/>                     [Ohio.]<br/>                     For year ending June 30, 1901.<br/>                     Total earnings.....\$2,954,105<br/>                     Operating expenses. 2,076,514<br/>                     Net earnings..... \$877,591<br/>                     Other income..... 44,058<br/>                     Total net income. \$921,649<br/>                     Total payments..... 774,639<br/>                     Surplus..... \$146,950</p>                                                                                                                                                                                                          | <p>Toledo Div., 221 m.; Cleveland Div., 144 m.; Chagrin Falls Br., 8 m.; Ohio River Div., 13 m.; Huron Div., 15 m.; Carrollton Br., 48.1 m. Total mileage, 449.1.<br/>                     EXPRESS Co.—Pacific.</p>                                                                                                                                                                                              | <p>Chairman of the Board, M. T. Herrick; President, J. Ramsey, Jr.; General Manager, R. Blickensderfer; Vice-President, A. W. Kreech, New York; Secretary, J. H. Dowland; Assistant Secretary, George V. Turner, New York. General Offices, Cleveland, O.</p> |
| <p><b>Wisconsin Central Ry.</b><br/>                     [Illinois, Wisconsin, Michigan, Minnesota.]<br/>                     For year ending June 30, 1902.<br/>                     Total earnings.....\$6,041,702<br/>                     Operating expenses. 3,883,373<br/>                     Net earnings..... \$2,158,037<br/>                     Other income..... 30,654<br/>                     Total net income. \$2,188,751<br/>                     Total payments.... 1,833,636<br/>                     Surplus..... \$355,115</p>                                                                                                                                                                            | <p>Main Line, Chicago, Ill., to Minneapolis, Minn., 472.20 m.; Ashland Div., 174.99 m.; Portage Br., 70.75 m.; Montello Br., 7.68 m.; Marshfield Br., 22.44 m.; Eau Claire Br., 11.16 m.; Milwaukee Br., 27.60 m.; Manitowoc Div., 44.18 m.; NeKooza Br., 32.61 m.; spurs to industries, 101.40 m.; other main line branches, 12.17 m. Total mileage, 977.13.<br/>                     EXPRESS Co.—National.</p> | <p>Chairman of the Board, Wm. L. Bull, New York; President, H. F. Whitcomb, Milwaukee, Wis.; General Offices, Milwaukee, Wis.; General Eastern Agent's Office, 261 Broadway, New York.</p>                                                                    |

**LONDON'S UNDERGROUND RAILROADS.**

| METROPOLITAN RAILWAY.  |           |
|------------------------|-----------|
| Year 1901.             |           |
| Gross earnings.....    | £820,000  |
| Expenses.....          | 417,000   |
| Net earnings.....      | £403,000  |
| Miscellaneous.....     | 28,000    |
| Total.....             | £431,000  |
| Total charges.....     | 304,000   |
| Net profit.....        | £127,000  |
| Ordinary dividend..... | *129,000  |
| Train mileage.....     | 3,192,000 |
| Ordinary stocks.....   | 5,732,000 |
| *24 per cent.          |           |

| METROPOLITAN DISTRICT RAILWAY.         |          |
|----------------------------------------|----------|
| Year 1901.                             |          |
| Gross earnings.....                    | £380,628 |
| Expenses.....                          | 226,280  |
| Net earnings.....                      | £154,348 |
| Miscellaneous.....                     | 30,099   |
| Net income.....                        | £184,447 |
| Debitenture, interest, rents, etc..... | 151,074  |
| Net profit.....                        | £33,373  |

**MANHATTAN ELEVATED RAILROAD (NEW YORK).**

| Year ending Sept. 30, 1902. |              |
|-----------------------------|--------------|
| Gross earnings.....         | \$11,067,746 |
| Operating expenses...       | 5,545,295    |
| Net earnings.....           | \$5,522,451  |
| Other income.....           | 515,800      |
| Total income.....           | \$6,038,151  |
| Interest and taxes....      | 2,712,089    |
| Balance.....                | \$3,326,062  |
| Dividends, 4 p. c.....      | 1,920,000    |
| Surplus.....                | \$1,406,062  |

**Railway Employes in the United States.**

COMPARATIVE SUMMARY OF EMPLOYES AND AVERAGE DAILY COMPENSATION. (From Statistical Report of the Interstate Commerce Commission.)

| CLASS.                            | 1901.     |                        | 1900.     |                        | 1899.    |                        | 1898.    |                        | AVERAGE DAILY COMPENSATION |       |       |
|-----------------------------------|-----------|------------------------|-----------|------------------------|----------|------------------------|----------|------------------------|----------------------------|-------|-------|
|                                   | Num-ber.  | Per 100 miles of line. | Num-ber.  | Per 100 miles of line. | Num-ber. | Per 100 miles of line. | Num-ber. | Per 100 miles of line. | 1901.                      | 1900. | 1899. |
| General officers.....             | 4,780     | 2                      | 4,916     | 3                      | 4,832    | 3                      | 4,956    | 3                      | 10.97                      | 10.45 | 10.03 |
| Other officers.....               | 4,223     | 3                      | 4,669     | 2                      | 4,294    | 2                      | 3,925    | 2                      | 5.56                       | 5.22  | 5.18  |
| General office clerks.....        | 34,778    | 18                     | 32,265    | 17                     | 29,371   | 16                     | 26,845   | 15                     | 2.19                       | 2.19  | 2.20  |
| Station agents.....               | 32,264    | 17                     | 31,610    | 16                     | 30,787   | 16                     | 30,699   | 17                     | 1.77                       | 1.75  | 1.74  |
| Other stationmen.....             | 94,847    | 49                     | 89,851    | 47                     | 83,910   | 45                     | 78,603   | 43                     | 1.59                       | 1.60  | 1.60  |
| Enginemen.....                    | 45,292    | 23                     | 42,837    | 22                     | 39,970   | 21                     | 37,939   | 20                     | 2.78                       | 3.75  | 3.72  |
| Firemen.....                      | 47,166    | 24                     | 44,130    | 23                     | 41,152   | 22                     | 38,935   | 21                     | 2.16                       | 2.14  | 2.10  |
| Conductors.....                   | 32,092    | 16                     | 29,957    | 16                     | 28,232   | 15                     | 26,876   | 15                     | 3.17                       | 3.17  | 3.13  |
| Other trainmen.....               | 84,493    | 43                     | 74,274    | 39                     | 69,497   | 37                     | 66,968   | 36                     | 2.00                       | 1.96  | 1.94  |
| Machinists.....                   | 34,638    | 18                     | 32,831    | 17                     | 30,377   | 16                     | 28,832   | 16                     | 2.32                       | 2.30  | 2.29  |
| Carpenters.....                   | 48,946    | 25                     | 46,686    | 24                     | 42,501   | 23                     | 40,374   | 22                     | 2.06                       | 2.04  | 2.03  |
| Other shopmen.....                | 120,550   | 62                     | 114,773   | 60                     | 103,937  | 55                     | 99,717   | 54                     | 1.75                       | 1.73  | 1.72  |
| Section foremen.....              | 33,817    | 17                     | 33,085    | 17                     | 31,690   | 17                     | 30,771   | 17                     | 1.71                       | 1.68  | 1.68  |
| Other trackmen.....               | 239,166   | 122                    | 226,799   | 118                    | 201,708  | 107                    | 184,494  | 100                    | 1.23                       | 1.22  | 1.18  |
| Switchmen, flagmen, watchmen.     | 47,576    | 24                     | 50,789    | 26                     | 48,686   | 26                     | 47,124   | 25                     | 1.74                       | 1.80  | 1.77  |
| Telegraph operators, dispatchers. | 26,606    | 14                     | 25,218    | 13                     | 23,944   | 13                     | 22,488   | 12                     | 1.98                       | 1.96  | 1.93  |
| Employes - acc't float'g equipm't | 7,423     | 4                      | 7,597     | 4                      | 6,775    | 4                      | 6,349    | 3                      | 1.97                       | 1.92  | 1.89  |
| All other employes and laborers.  | 131,722   | 67                     | 125,386   | 65                     | 107,261  | 57                     | 98,673   | 53                     | 1.69                       | 1.71  | 1.68  |
| Total.....                        | 1,071,169 | 548                    | 1,017,653 | 529                    | 928,924  | 495                    | 874,558  | 474                    |                            |       |       |

**Railroad Accidents in the United States.**

(From Statistical Report of the Interstate Commerce Commission.)

| YEAR ENDING JUNE 30. | EMPLOYES. |          | PASSENGERS. |          | OTHER PERSONS. |          | TOTAL.  |          |
|----------------------|-----------|----------|-------------|----------|----------------|----------|---------|----------|
|                      | Killed.   | Injured. | Killed.     | Injured. | Killed.        | Injured. | Killed. | Injured. |
| 1894.....            | 1,825     | 23,422   | 324         | 3,034    | 4,300          | 5,433    | 6,447   | 31,889   |
| 1895.....            | 1,811     | 25,696   | 170         | 2,375    | 4,155          | 5,677    | 6,136   | 33,748   |
| 1896.....            | 1,861     | 29,969   | 181         | 2,873    | 4,406          | 5,845    | 6,448   | 38,687   |
| 1897.....            | 1,693     | 27,667   | 222         | 2,795    | 4,522          | 6,269    | 6,437   | 36,731   |
| 1898.....            | 1,468     | 31,761   | 221         | 2,945    | 4,680          | 6,176    | 6,859   | 40,882   |
| 1899.....            | 2,210     | 34,923   | 239         | 3,442    | 4,674          | 6,255    | 7,123   | 44,620   |
| 1900.....            | 2,550     | 36,843   | 249         | 4,128    | 5,066          | 6,549    | 7,865   | 50,320   |
| 1901.....            | 2,675     | 41,142   | 282         | 4,988    | 5,498          | 7,209    | 8,455   | 53,339   |

The total number of passengers carried in 1901 was 607,378,121, as against 576,865,250 in 1900, 523,176,508 in 1899, 501,066,681 in 1898, 489,445,193 in 1897, 511,772,737 in 1896, and 507,421,362 in 1895.

| KIND OF ACCIDENT.                                   | EMPLOYES. |          | PASSENGERS. |          | OTHER PERSONS. |          |
|-----------------------------------------------------|-----------|----------|-------------|----------|----------------|----------|
|                                                     | Killed.   | Injured. | Killed.     | Injured. | Killed.        | Injured. |
| Coupling or uncoupling.....                         | 198       | 2,768    | .....       | .....    | .....          | .....    |
| Collisions.....                                     | 348       | 2,089    | 55          | 1,458    | 50             | 185      |
| Derailments.....                                    | 187       | 1,066    | 55          | 750      | 33             | 92       |
| Parting of trains.....                              | 22        | 425      | .....       | 78       | 6              | 23       |
| Locomotives or cars breaking down.                  | 29        | 193      | .....       | 52       | 3              | 6        |
| Falling from trains, locomotives, or cars.....      | 463       | 3,821    | 42          | 420      | 476            | 689      |
| Jumping on or off trains, locomotives, or cars..... | 136       | 2,550    | 65          | 778      | 511            | 1,529    |
| Struck by trains, locomotives, or cars.....         | 824       | 1,431    | 30          | 382      | 4,105          | 3,613    |
| Overhead obstructions.....                          | 56        | 509      | .....       | .....    | .....          | .....    |
| Other causes.....                                   | 230       | 6,607    | 30          | 895      | 274            | 777      |
| Total.....                                          | 2,493     | 21,519   | 277         | 4,813    | 5,458          | 6,914    |

Two hundred and twenty-seven persons were killed and 20,093 injured in handling traffic, tools, machinery, supplies, etc., and in getting on or off locomotives or cars at rest and from other causes.

## NOTABLE FAST RUNS OF PASSENGER TRAINS FOR LONG DISTANCES.

| DATE.        | Railroad.                              | Terminals.                            | INCLUSIVE.       |                    |                     | Stops. |
|--------------|----------------------------------------|---------------------------------------|------------------|--------------------|---------------------|--------|
|              |                                        |                                       | Distance, Miles. | Time, H. M.        | Miles per Hour.     |        |
| May, 1848.   | Great Western (England).....           | London—Didcot.....                    | 53.25            | 0.47               | 68                  | ..     |
| July, 1885.  | West Shore.....                        | East Buffalo—Frankfort.....           | 201.7            | 4.00               | 50.4                | ..     |
| Aug., 1888.  | London, N.W. & Caledonian.....         | London—Edinburgh.....                 | 400              | 7.38               | 52.4                | 3      |
| Sept., 1891. | New York Central & H. R.....           | New York—East Buffalo.....            | 436.32           | 7.19.5             | 59.56               | 8      |
| Nov., 1892.  | New York Central & H. R.*.....         | Syracuse—Utica.....                   | 51.67            | 0.46               | 67.98               | 0      |
| Nov., 1892.  | New York Central & H. R.*.....         | Chittenango—Schenectady.....          | 116.16           | 1.00               | 63.68               | 0      |
| May, 1893.   | New York Central & L. S.....           | New York—Chicago.....                 | 964              | 19.57              | 48.20               | 10     |
| Aug., 1894.  | Plant System, Atlantic Coast Line..... | Jacksonville—Richmond.....            | 661.5            | 12.51              | 51.48               | 26     |
| Aug., 1894.  | Plant System, A. C. L., Pa. R.R.....   | Jacksonville—Washington.....          | 760.9            | 15.49              | 49.37               | 34     |
| April, 1895. | Pennsylvania.....                      | Camden—Atlantic City.....             | 58.3             | 0.45 $\frac{1}{2}$ | 76.50               | 0      |
| Aug., 1895.  | London & Northwestern.....             | London—Aberdeen.....                  | 540              | 8.32               | 63.28 $\frac{1}{2}$ | 3      |
| Sept., 1895. | New York Central & H. R.....           | New York—Buffalo.....                 | 436.50           | 6.47               | 64.33 $\frac{1}{2}$ | 2      |
| Sept., 1895. | N. Y. Central "World Flyer".....       | Albany—Syracuse.....                  | 148              | 2.10               | 68.3                | 0      |
| Oct., 1895.  | Lake Shore & Mich. Southern.....       | Chicago—Buffalo.....                  | 510              | 8.1                | 65.7 $\frac{1}{2}$  | 5      |
| Feb., 1897.  | Chicago, Burlington & Quincy.....      | Chicago—Denver.....                   | 1,025            | 18.52              | 56.74               | 20     |
| Mar., 1897.  | Central R. R. of New Jersey.....       | Jersey City—Washington.....           | 231              | 4.8                | 60                  | (a)    |
| April, 1897. | Lehigh Val. Black Diamond Exp.....     | Alpine, N. Y.—Geneva Junc., N. Y..... | 43.96            | 0.33               | 80                  | 0      |
| Aug., 1897.  | Union Pacific.....                     | North Platte—Omaha.....               | 291              | 4.39               | 63.49               | ..     |
| May, 1898.   | Chicago & Alton.....                   | Willow Spring—Springfield.....        | 168.1            | 2.46               | 60.7                | 0      |
| July, 1898.  | Lehigh Val. Black Diamond Exp.....     | Sayre—Buffalo.....                    | 177              | 2.59               | 59.22               | 2      |
| May, 1900.   | Burlington Route.....                  | Burlington—Chicago.....               | 205.8            | 3.08 $\frac{1}{2}$ | 65.55               | 0      |
| Dec., 1900.  | Burlington & Mo. River.....            | Ravenna—Seneca.....                   | 130              | 2.5                | 66                  | (b)    |
| Mar., 1901.  | Sav., Fla. & Wes. (Plant System).....  | Fleming—Jacksonville.....             | 149              | 2.10               | 68.8                | 1      |
| Mar., 1902.  | Burlington Route.....                  | Clyde—Mendota.....                    | 74.3             | 1.5                | 68.68               | 0      |
| Mar., 1902.  | Burlington Route.....                  | Eckley—Wray.....                      | 14.8             | 0.9                | 98.7                | 0      |
| Aug., 1902.  | "20th Century Ltd." on L. Shore.....   | Kendallville—Toledo.....              | 91               | 1.15               | 72.8                | 0      |

\* By "Empire State Express." † Including stops. ‡ Excluding stops. § Excluding stops, or 63.61 miles per hour including stops. || Made the trip from Chicago to New York, 952 miles, in 17 hours 45 minutes 23 seconds (or 54.20 miles per hour including ten stops). (a) Including "slow-ups" for taking water, changing engines, etc. (b) A delay of 7 minutes at Anselmo should be deducted from running time.

## FASTEST RECORDED RUNS FOR SHORT DISTANCES.

| DATE.       | Railroad.                  | Terminals.                            | Distance, Miles. | Time, m. s. | Miles per Hour. |
|-------------|----------------------------|---------------------------------------|------------------|-------------|-----------------|
| July, 1890. | Phil. & Reading.....       | Skillmans—Belle Meade.....            | 4.1              | 2.30        | 98.4            |
| Aug., 1891. | Phil. & Reading.....       | Somerset.....                         | 1                | 0.39.8      | 90.5            |
| Nov., 1892. | Central of New Jersey..... | Fanwood—Westfield, N. J.....          | 1                | 0.37        | 97.3            |
| May, 1893.  | N. Y. Central & H. R.....  | Grimesville.....                      | 1                | 0.35        | 102.8           |
| May, 1893.  | N. Y. Central & H. R.....  | Crittenden—"Empire State Exp.".....   | 1                | 0.32        | 112.5           |
| Aug., 1895. | Pennsylvania.....          | Landover—Anacosta.....                | 5.1              | 3.00        | 102             |
| Jan., 1899. | Burlington Route.....      | Siding—Arion.....                     | 2.4              | 1.20        | 108             |
| Mar., 1901. | Plant System.....          | Run from Fleming to Jacksonville..... | 5                | 2.30        | 120             |

In June, 1902, the New York Central R. R. began running the "20th Century Limited" between New York and Chicago (964.82 miles) in 20 hours, or 48.24 miles an hour. The Pennsylvania R. R. also put into operation "The Pennsylvania Special," between New York and Chicago (906.8 miles from Jersey City to Chicago, in 19 hours 42 minutes, or 20 hours from New York), or 46.1 miles an hour. The fastest time on record for a distance of over 440 miles was made by the Lake Shore and Michigan Southern R. R. from Chicago to Buffalo, in October, 1895. The fastest long-distance run less than 440 miles was on the New York Central R. R. September 11, 1895, from New York to Buffalo, 436 1-2 miles, in 407 minutes actual time. Average speed, 64 1-3 miles an hour, with two stops and 28 slow-ups.

The fastest regular trains in the United States, for a shorter distance, are believed to be the New York Central "Empire State Express," between New York and Albany, 143 miles in 160 minutes, and those between Washington and Baltimore, on the Baltimore and Ohio Railroad, 40 miles in 45 minutes, a speed of 33.33 miles an hour. The run from Washington to New York, 225.3 miles, is made in 5 hours. Deducting 12 minutes for the Jersey City Ferry and 10 minutes for the Canton Ferry, the rate of speed is 48.6 miles per hour. The "Congressional Limited," on the Pennsylvania Railroad, makes the run from Jersey City to Washington in 4 hours 46 minutes, and the distance is 227 miles.

Fast running train on Philadelphia and Reading route (in Summer)—Camden to Atlantic City, 55.5 miles, in 44 $\frac{1}{2}$  minutes; average daily speed, 71.2 miles per hour. On August 15, 1898, on P. & R. and C. R. R. of N. J., "Royal Blue Line," between Elizabeth, N. J., and Jenkintown, a distance of 69 miles, in 61 minutes, including 2 "slow-ups," some of the miles being traversed in 38 seconds.

The quickest run between Jersey City and Washington, 231 miles, was made on the Central Railroad of New Jersey, March 2, 1897 (by a special train, bearing Vice-President-elect Hobart and party), in 4 hours 8 minutes, making the running time, including "slow-ups" for taking water, changing engines, etc., 60 miles an hour. This beat the time of the "Aunt Jack" train, made by the Madison Square Theatre Company March 10, 1890, which was 4 hours 18 minutes, each way, going and returning.

The fastest long-distance trains of the world, including all stops and slacks, are, according to the "Railroad Gazette," as follows:

| ROUTE.                    | Railways.                         | From          |                | Miles.            | Time—Hrs. Min. | Stops. | Inclusive Speed in Miles per Hour. |
|---------------------------|-----------------------------------|---------------|----------------|-------------------|----------------|--------|------------------------------------|
|                           |                                   | To            | To             |                   |                |        |                                    |
| Sud. Express.....         | Orleans and Midl.....             | Paris.....    | Bavonne.....   | 486 $\frac{1}{2}$ | 8 59           | 6      | 54.13                              |
| Empire State Express..... | N. Y. C. and H. R. R. R.....      | New York..... | Buffalo.....   | 440               | 8 15           | 4      | 53.33                              |
| East Coast.....           | Gt. N. and N. E. Railways.....    | London.....   | Edinburgh..... | 391 $\frac{1}{2}$ | 7 45           | 3      | 60.77                              |
| West Coast.....           | L. & N. W. and Caledonian Ry..... | London.....   | Glasgow.....   | 401 $\frac{1}{2}$ | 8 00           | 3      | 60.18                              |

Of long-distance runs in France one is made on the Northern Railway of France by the Paris-Calais express, which runs 185 miles in 184 $\frac{1}{2}$  minutes, or a fraction over a mile a minute, allowing for a stoppage of 2 $\frac{1}{2}$  minutes at Amiens.

Other notable long-distance fast runs: March 27-29, 1900—Atchison, Topeka and Santa Fe Railway, Los Angeles, Cal., to Chicago, Ill., 2,236 miles, in 58 hours, including stops, or 38.55 miles per hour. February 14-15, 1897—Pennsylvania Railroad and C., B. and Q., Jersey City to Denver, 1,937 miles, in 48 hours; average speed, 4.3 miles per hour. August 29-31, 1891—Canadian Pacific, Vancouver to Brockville, 2,802 miles, in 77 hours 9 minutes; average speed, 36.32 miles per hour.

A mail and newspaper train on the Pennsylvania covers the 1,058 miles between New York and St. Louis in 20 hours, an average running time of 52.9 miles an hour.

The Jarrett and Palmer special theatrical train, Jersey City to Oakland (San Francisco), 3,311 miles, June, 1876, made the fastest time between the oceans—83 hours 45 minutes, average speed, 39.53 miles per hour.



**Railroad Commissions.**

**INTERSTATE COMMERCE COMMISSION.**

WASHINGTON, D. C.

Martin A. Knapp, of New York, Chairman.  
Judson C. Clements, of Georgia.  
James D. Yeomans, of Iowa.  
Edward A. Moseley, Secretary.

Charles A. Prouty, of Vermont.  
Joseph W. Flier, of Illinois.

Martin S. Decker, Asst. Secretary.

**STATE RAILROAD COMMISSIONERS.**

**Alabama Railroad Commission**—Montgomery. John V. Smith, President, Montgomery; A. E. Caffee, Birmingham; W. C. Tunstall, Greensboro; V. C. Griffin, Secretary, Montgomery.

**Arkansas Railroad Commission**—Little Rock. J. G. Wallace, Chairman, Little Rock; Abner Gaines, Little Rock; Felix M. Hanley, Little Rock; Howard Robb, Secretary, Little Rock.

**California Railroad Commission**—San Francisco. E. B. Edson, Chairman, Gazette; C. S. Laumeister, San Francisco, Secretary, San Francisco. Wm. T. Sisson, Secretary, San Francisco.

**Colorado State Board of Equalization**—A. B. Gray, Secretary, Denver, Col.

**Connecticut Board of Railroad Commissioners**—Hartford. W. F. Willcox, Chairman, Chester; William O. Seymour, Ridgefield; O. R. Fyler, Torrington; Henry F. Billings, Clerk, Hartford.

**Florida Railroad Commissioners**—Tallahassee. Henry E. Day, Chairman, Gainesville; J. M. Bryan, Kissimmee; J. L. Morgan, White Springs; Royal C. Dunn, Secretary, Tallahassee.

**Georgia Railroad Commission**—Atlanta. S. R. Atkinson, Chairman, Atlanta; J. Pope Brown, Hawkinsville; G. G. Jordan, Columbus; J. D. Massey, Secretary, Atlanta.

**Idaho State Board of Equalization**—E. W. Jones, State Auditor and Secretary, Boise.

**Illinois Railroad and Warehouse Commission**—Springfield. James S. Neville, Chairman, Bloomington; Arthur L. French, Chapin; Isaac L. Ellwood, De Kalb; James McKinney, Aledo; Wm. Kilpatrick, Secretary, Springfield; Chas. J. Smith, Assistant Secretary.

**Indiana Board of Tax Commissioners**—Indianapolis. The Governor of the State, Chairman; the Secretary of State, the Auditor of State; John Wingate, Commissioner. Wingate; Parks M. Martin, Commissioner, Spencer.

**Iowa Board of Railroad Commissioners**—Des Moines. E. A. Dawson, Chairman, Waverly; D. J. Palmer, Washington; E. C. Brown, Sheldon; D. N. Lewis, Secretary, Des Moines.

**Kansas Railroad Commission**—Topeka. A. D. Walker, Chairman; J. C. O. Morse, J. N. Fike; W. H. Smith, Secretary.

**Kentucky Railroad Commission**—Frankfort. C. C. McChord, Chairman, Springfield; John C. Wood, Mt. Sterling; J. F. Dempsey, Madisonville; Murray R. Hubbard, Secretary, Frankfort.

**Louisiana Railroad Commission**—Baton Rouge. C. L. de Fuentes, Chairman, New Orleans; Overton Cade, Youngsville; W. L. Foster, Shreveport; W. M. Barrow, Secretary, Baton Rouge.

**Maine Railroad Commissioners**—Augusta. Joseph B. Peaks, Chairman, Dover; Parker Spofford, Bucksport; B. F. Chadbourne, Biddeford; E. C. Farrington, Clerk, Augusta.

**Massachusetts Board of Railroad Commissioners**—Boston. James F. Jackson, Chairman, Fall River; Clinton White, Melrose; George W. Bishop, Newtonville; William A. Crafts, Clerk, Boston; Fred. E. Jones, Accountant, Brookline.

**Maryland**—State Tax Commissioner, Buchanan Schley, Annapolis.

**Michigan Commissioner of Railroads**—Lansing. Chase S. Osborn; Chas. H. Chapman, Deputy Commissioner.

**Minnesota Railroad and Warehouse Commission**—St. Paul. Ira B. Mills, Chairman; Jos. G. Miller, C. F. Staples; A. C. Clausen, Secretary, St. Paul.

**Mississippi Railroad Commission**—Jackson. J. J. McInnis, Chairman, Meridian; J. C. Kincaannon, Tupelo, A. Q. May, Jackson; John A. Webb, Secretary, Jackson.

**Missouri Railroad and Warehouse Commission**—Jefferson City. T. J. Hennessey, Chairman; Wm. E. McCully, Joseph P. Rice; T. M. Bradbury, Secretary.

**Montana**—J. H. Calderhead, State Auditor, Helena.

**Nebraska State Board of Equalization**—Lincoln. Auditor Public Accounts, Lincoln.

**Nevada**—Eugene Howell, Secretary of State, Carson City.

**New Hampshire Railroad Commission**—Concord. Henry M. Putney, Chairman, Manchester; Francis C. Faulkner, Keene; Edward B. S. Sanborn, Clerk, Franklin Falls.

**New Jersey**—J. W. Morgan, Comptroller, Trenton.

**New York Board of Railroad Commissioners**—Albany. Ashley W. Cole, Chairman; F. M. Baker, George W. Dunn; E. C. McEntee, Assistant Secretary.

**North Carolina Corporation Commission**—Raleigh. Franklin McNeill, Chairman; Sam. L. Rogers, Dr. D. H. Abbott; H. C. Brown, Secretary.

**North Dakota Commissioners of Railroads**—Bismarck. C. J. Lord, Chairman, Cando; J. J. Youngblood, Fessenden; J. F. Shea, Wahpeton; C. C. Hammond, Secretary, Ashley.

**Ohio Commissioner of Railroads and Telegraphs**—Columbus. J. C. Morris, Commissioner, Columbus; Harry E. King, Chief Clerk, Columbus; W. O. Jackson, Chief Inspector.

**Oregon Railroad Commission**—Abolished by the Legislature. October, 1898.

**Pennsylvania Bureau of Railways**—Harrisburg. Isaac B. Brown, Superintendent.

**Rhode Island Railroad Commissioner**—Providence. E. L. Freeman.

**South Carolina Railroad Commissioners**—Columbia. J. C. Wilborn, Chairman, Old Point; C. W. Garris, Bamberg; J. H. Wharton, Waterloo; D. P. Duncan, Secretary, Columbia.

**South Dakota Railroad Commissioners**—Sioux Falls. W. G. Smith, Chairman, Sturgis; Alex. Kirkpatrick, Wissington; Frank Le Cocq, Jr., Harrison; William H. Stanley, Secretary, Sioux Falls; D. C. Ricker, Inspector, Sioux Falls.

**Tennessee Railroad Commissioners**—Nashville. N. W. Baptist, Chairman; J. N. McKenzie, Thos. L. Williams; Frank A. Vent, Secretary.

**Texas Railroad Commission**—Austin. John H. Reagan, Chairman; L. J. Storey, Allison Mayfield; E. R. McLean, Secretary.

**Vermont State Railroad Commissioners**—Montpelier. Jonathan Ross, Chairman, St. Johnsbury; James W. Boutwell, Montpelier; Henry S. Bingham, Bennington; E. M. Harvey, Clerk, Montpelier.

**Virginia Railroad Commission**—Richmond. James C. Hill, Chairman; E. G. Akers, Secretary.

**West Virginia**—Arnold C. Scherr, State Auditor, Charleston.

**Wisconsin Railroad Commissioner**—Madison. G. L. Rice; James S. Stack, Deputy Commissioner.

**Wyoming Board of Equalization**—Cheyenne. The State Treasurer, President; the State Auditor, Secretary; the Secretary of State, Member; F. J. Niswander, Clerk.

Railroad Traffic of the World.

| COUNTRIES.         | Miles of Railroad. | Cost of Roads and Equipments. | Passengers Carried.  | Tons of Freight Carried. | Receipts.              | Expenditures.          |
|--------------------|--------------------|-------------------------------|----------------------|--------------------------|------------------------|------------------------|
| Europe .....       | 175,000            | \$20,100,000,000              | 2,700,000,000        | 1,145,000,000            | \$1,800,000,000        | \$1,040,000,000        |
| America .....      | 250,000            | 15,800,000,000                | 700,000,000          | 1,250,000,000            | 1,800,000,000          | 1,300,000,000          |
| Africa .....       | 12,500             | 760,000,000                   | 36,000,000           | 11,000,000               | 65,000,000             | 34,000,000             |
| Asia .....         | 37,500             | 1,500,000,000                 | 248,000,000          | 42,000,000               | 120,000,000            | 60,500,000             |
| Australia .....    | 15,000             | 760,000,000                   | 62,000,000           | 13,500,000               | 55,000,000             | 33,000,000             |
| <b>Total .....</b> | <b>490,000</b>     | <b>\$38,920,000,000</b>       | <b>3,746,000,000</b> | <b>2,461,500,000</b>     | <b>\$3,840,000,000</b> | <b>\$2,427,500,000</b> |

These estimates are for 1900.

RAILROAD MILEAGE BY COUNTRIES.

The following statement by *Archiv für Eisenbahnwesen* represents the world's railway mileage at the end of 1900:

| Countries.                                   | Miles.         | Countries.                                                         | Miles.  | Countries.                                                | Miles.         |
|----------------------------------------------|----------------|--------------------------------------------------------------------|---------|-----------------------------------------------------------|----------------|
| All of Germany.....                          | 31,933         | Central America.....                                               | 718     | Portuguese India.....                                     | 51             |
| Austro-Hungary (including Bosnia, etc.)..... | 22,917         | Total, North America.....                                          | 221,519 | Malay Archipelago.....                                    | 273            |
| Great Britain and Ireland.....               | 21,864         | United States of Colombia.....                                     | 400     | China.....                                                | 26             |
| France.....                                  | 26,611         | Cuba.....                                                          | 1,134   | Korea.....                                                | 203            |
| Russia (including Finland).....              | 29,892         | Venezuela.....                                                     | 634     | Siam.....                                                 | 41             |
| Italy.....                                   | 9,810          | San Domingo.....                                                   | 117     | Cochin China, Pondicherry, Malacca, and Tonquin.....      | 238            |
| Belgium.....                                 | 3,944          | Brazil.....                                                        | 9,195   | <b>Total, Asia.....</b>                                   | <b>37,469</b>  |
| Netherlands (including Luxembourg).....      | 1,994          | Argentina.....                                                     | 10,171  | Egypt.....                                                | 2,087          |
| Switzerland.....                             | 2,351          | Paraguay.....                                                      | 157     | British South and Central Africa.....                     | 2,642          |
| Spain.....                                   | 8,300          | Uruguay.....                                                       | 1,141   | Natal.....                                                | 737            |
| Portugal.....                                | 1,476          | Chile.....                                                         | 2,850   | Rhodesia.....                                             | 1,203          |
| Denmark.....                                 | 1,865          | Pern.....                                                          | 1,036   | Orange River Colony.....                                  | 597            |
| Norway.....                                  | 1,236          | Bolivia.....                                                       | 621     | Mauritius, Reunion, Congo, Senegal, and other States..... | 2,298          |
| Sweden.....                                  | 7,034          | Ecuador.....                                                       | 186     | <b>Total, Africa.....</b>                                 | <b>12,501</b>  |
| Servia.....                                  | 359            | British Guiana.....                                                | 55      | Australasia.....                                          | 14,922         |
| Roumania.....                                | 1,925          | Jamaica, Barbados, Trinidad, Martinique, Porto Rico, Salvador..... | 657     | Recapitulation:                                           | 176,174        |
| Greece.....                                  | 605            | Total, South America & W. Indies.....                              | 28,357  | Europe.....                                               | 176,174        |
| Malayan Turkey, Bulgaria, and Roumelia.....  | 1,352          | British India.....                                                 | 23,758  | North America.....                                        | 221,519        |
| Malta, Jersey, Man.....                      | 88             | Ceylon.....                                                        | 297     | South America.....                                        | 28,357         |
| <b>Total, Europe.....</b>                    | <b>176,174</b> | Asia Minor and Syria.....                                          | 1,715   | Asia.....                                                 | 37,469         |
| United States.....                           | 193,304        | Russia (Transcaucasian District).....                              | 1,658   | Africa.....                                               | 12,501         |
| British North America.....                   | 17,831         | Siberia.....                                                       | 3,852   | Australasia.....                                          | 14,922         |
| Newfoundland.....                            | 641            | Persia.....                                                        | 34      | <b>Total.....</b>                                         | <b>490,962</b> |
| Mexico.....                                  | 9,065          | Dutch India.....                                                   | 1,301   |                                                           |                |
|                                              |                | Japan.....                                                         | 3,661   |                                                           |                |

Railway Mileage in the United States.

BY STATES AND TERRITORIES.

(From Report of Interstate Commerce Commission.)

| STATE OR TERRITORY.        | MILEAGE ON JUNE 30, 1901. |             |                | STATE OR TERRITORY.              | MILEAGE ON JUNE 30, 1901. |                 |                   |
|----------------------------|---------------------------|-------------|----------------|----------------------------------|---------------------------|-----------------|-------------------|
|                            | Official.                 | Unofficial. | Total Mileage. |                                  | Official.                 | Unofficial.     | Total Mileage.    |
| Alabama.....               | 4,361.83                  | 53.95       | 4,415.78       | New Jersey.....                  | 2,206.27                  | 50.08           | 2,256.35          |
| Alaska (see footnote)..... | .....                     | .....       | .....          | New Mexico.....                  | 1,770.23                  | .....           | 1,770.23          |
| Arizona.....               | 1,561.76                  | .....       | 1,561.76       | New York.....                    | 8,162.84                  | 3.13            | 8,165.97          |
| Arkansas.....              | 3,342.40                  | 106.44      | 3,448.84       | North Carolina.....              | 3,768.44                  | 83.50           | 3,851.94          |
| California.....            | 5,805.59                  | 32.50       | 5,838.09       | North Dakota.....                | 2,924.30                  | .....           | 2,924.30          |
| Colorado.....              | 4,743.54                  | .....       | 4,743.54       | Ohio.....                        | 8,833.81                  | 39.00           | 8,872.81          |
| Connecticut.....           | 1,026.12                  | .....       | 1,026.12       | Oklahoma.....                    | 1,008.52                  | .....           | 1,008.52          |
| Delaware.....              | 346.23                    | .....       | 346.23         | Oregon.....                      | 1,684.23                  | .....           | 1,684.23          |
| District of Columbia.....  | 31.75                     | .....       | 31.75          | Pennsylvania.....                | 10,480.85                 | 58.13           | 10,538.98         |
| Florida.....               | 3,272.09                  | 42.00       | 3,314.09       | Rhode Island.....                | 211.79                    | .....           | 211.79            |
| Georgia.....               | 5,722.61                  | 120.90      | 5,843.51       | South Carolina.....              | 2,960.97                  | 33.00           | 2,993.97          |
| Idaho.....                 | 1,333.30                  | .....       | 1,333.30       | South Dakota.....                | 2,952.05                  | .....           | 2,952.05          |
| Illinois.....              | 11,116.18                 | 2.60        | 11,118.78      | Tennessee.....                   | 3,208.84                  | 22.48           | 3,231.32          |
| Indiana.....               | 6,467.49                  | 128.41      | 6,595.90       | Texas.....                       | 10,189.04                 | 1.50            | 10,190.54         |
| Indian Territory.....      | 1,539.67                  | .....       | 1,539.67       | Utah.....                        | 1,571.43                  | .....           | 1,571.43          |
| Iowa.....                  | 9,376.27                  | 4.53        | 9,380.80       | Vermont.....                     | 1,060.17                  | .....           | 1,060.17          |
| Kansas.....                | 8,714.70                  | .....       | 8,714.70       | Virginia.....                    | 3,740.82                  | 69.30           | 3,810.12          |
| Kentucky.....              | 3,070.15                  | 47.32       | 3,117.47       | Washington.....                  | 2,982.77                  | 22.50           | 3,005.27          |
| Louisiana.....             | 2,950.95                  | 57.16       | 3,008.11       | West Virginia.....               | 2,334.13                  | 48.90           | 2,383.03          |
| Maine.....                 | 1,918.41                  | .....       | 1,918.41       | Wisconsin.....                   | 6,619.57                  | .....           | 6,619.57          |
| Maryland.....              | 1,383.20                  | .....       | 1,383.20       | Wyoming.....                     | 1,216.35                  | .....           | 1,216.35          |
| Massachusetts.....         | 2,117.80                  | .....       | 2,117.80       | <b>Grand total in U. S. 1901</b> | <b>196,075.07</b>         | <b>1,162.37</b> | <b>197,237.44</b> |
| Michigan.....              | 8,244.13                  | .....       | 8,244.13       | <b>Grand total in U. S. 1900</b> | <b>192,940.67</b>         | <b>405.11</b>   | <b>193,345.78</b> |
| Minnesota.....             | 7,020.06                  | 35.94       | 7,056.00       | <b>Grand total in U. S. 1899</b> | <b>188,277.49</b>         | <b>1,017.17</b> | <b>189,294.66</b> |
| Mississippi.....           | 3,044.12                  | .....       | 3,044.12       | <b>Grand total in U. S. 1898</b> | <b>185,370.77</b>         | <b>1,025.55</b> | <b>186,396.32</b> |
| Missouri.....              | 6,827.68                  | 99.10       | 6,926.78       | <b>Grand total in U. S. 1897</b> | <b>182,919.82</b>         | <b>1,508.65</b> | <b>184,428.47</b> |
| Montana.....               | 3,050.61                  | .....       | 3,050.61       | <b>Grand total in U. S. 1896</b> | <b>151,153.77</b>         | <b>1,622.86</b> | <b>152,776.63</b> |
| Nebraska.....              | 5,741.99                  | .....       | 5,741.99       | <b>Grand total in U. S. 1895</b> | <b>119,175.81</b>         | <b>1,481.96</b> | <b>120,657.77</b> |
| Nevada.....                | 911.35                    | .....       | 911.35         | <b>Grand total in U. S. 1894</b> | <b>176,602.61</b>         | <b>2,105.94</b> | <b>178,708.55</b> |
| New Hampshire.....         | 1,246.18                  | .....       | 1,246.18       |                                  |                           |                 |                   |

\* Excludes 21.80 miles in Alaska.

Canals.

STATEMENT showing the cost and date of construction, length, number of locks, and navigable depth of the principal canals of the United States used for commercial purposes.

| CANALS.                                    | Cost of Construction.* | When Completed | Len <sup>h</sup> miles. | No. of Locks. | Depth feet.† | Location.                                                     |
|--------------------------------------------|------------------------|----------------|-------------------------|---------------|--------------|---------------------------------------------------------------|
| Albemarle and Chesapeake.....              | \$1,641,363            | 1860           | 44                      | 1             | 7½           | Norfolk, Va., to Currituck Sound, N. C.                       |
| Augusta.....                               | 1,500,000              | 1847           | 9                       | 11            | 9            | Savannah River, Ga., to Augusta, Ga.                          |
| Black River.....                           | 3,581,954              | 1849           | 35                      | 109           | 4            | Rome, N. Y., to Lyons Falls, N. Y.                            |
| Cayuga and Seneca.....                     | 2,252,632              | 1839           | 25                      | 11            | 7            | Montezuma, N. Y., to Cayuga and Seneca Lakes, N. Y.           |
| Champlain.....                             | 4,044,000              | 1822           | 81                      | 32            | 6            | Whitehall, N. Y., to West Troy, N. Y.                         |
| Chesapeake and Delaware.....               | 3,730,230              | 1829           | 14                      | 3             | 9            | Chesapeake City, Md., to Delaware City, Del.                  |
| Chesapeake and Ohio.....                   | 11,290,327             | 1850           | 184                     | 73            | 6            | Cumberland, Md., to Washington, D. C.                         |
| Companys.....                              | 90,000                 | 1847           | 22                      | 1             | 6            | Mississippi River, La., to Bayou Black, La.                   |
| Delaware and Haritan.....                  | 4,886,749              | 1838           | 66                      | 14            | 7            | New Brunswick, N. J., to Trenton, N. J.                       |
| Delaware Division.....                     | 2,432,350              | 1830           | 60                      | 33            | 6            | Easton, Pa., to Bristol, Pa.                                  |
| Des Moines Rapids.....                     | 4,582,009              | 1877           | 7½                      | 3             | 5            | At Des Moines Rapids, Mississippi River.                      |
| Desnat Swamp.....                          | 2,300,000              | 1822           | 92                      | 7             | 6            | Connects Chesapeake Bay with Albemarle Sound.                 |
| Erie.....                                  | 52,540,800             | 1826           | 387                     | 72            | 7            | Albany, N. Y., to Buffalo, N. Y.                              |
| Fairfield.....                             | .....                  | .....          | 4½                      | None.         | .....        | Alligator River to Lake Mattimuskeet, N. C.                   |
| Galveston and Brazos.....                  | 340,000                | 1851           | 38                      | .....         | 3½           | Galveston, Tex., to Brazos River, Tex.                        |
| Hocking.....                               | 975,481                | 1843           | 42                      | 26            | 4            | Carroll, O., to Nelsonville, O.                               |
| Illinois and Michigan.....                 | 7,357,787              | 1848           | 102                     | 15            | 6            | Chicago, Ill., to La Salle, Ill.                              |
| Illinois and Mississippi.....              | 566,643                | 1895           | 4½                      | 3             | 7            | Around lower rapids of Rock Riv., Ill. Connects with Miss. R. |
| Lehigh Coal and Navigation Co.             | 4,455,000              | 1821           | 108                     | 57            | 16           | Coalport, Pa., to Easton, Pa.                                 |
| Louisville and Portland.....               | 5,578,631              | 1872           | 2½                      | 2             | .....        | At Falls of Ohio River, Louisville, Ky.                       |
| Miami and Erie.....                        | 3,062,680              | 1835           | 274                     | 93            | 5½           | Cincinnati, O., to Toledo, O.                                 |
| Morris.....                                | 6,000,000              | 1826           | 103                     | 33            | 5            | Easton, Pa., to Jersey City, N. J.                            |
| Muscle Shoals and Elk R. Shoals.           | 3,156,919              | 1869           | 16                      | 11            | 6            | Big Muscle Shoals, Tenn., to Elk River Shoals, Tenn.          |
| Newberne and Beaufort.....                 | .....                  | .....          | 3                       | None.         | .....        | Clubfoot Creek to Harlow Creek, N. C.                         |
| Ogeechee.....                              | 407,810                | 1840           | 16                      | 5             | 3            | Savannah River, Ga., to Ogeechee River, Ga.                   |
| Ohio.....                                  | 4,695,204              | 1835           | 317                     | 150           | 4            | Cleveland, O., to Portsmouth, O.                              |
| Oswego.....                                | 5,238,526              | 1828           | 38                      | 18            | 7            | Oswego, N. Y., to Syracuse, N. Y.                             |
| Pennsylvania.....                          | 7,731,750              | 1839           | 193                     | 71            | 6            | Columbia, Northumberland, Wilkes-Barre, Huntingdon, Pa.       |
| Portage Lake and Lake Super <sup>r</sup> . | 528,892                | 1873           | 25                      | None.         | 15           | From Keweenaw Bay to Lake Superior.                           |
| Port Arthur.....                           | .....                  | 1859           | 7                       | .....         | 26           | Port Arthur, Tex., to Gulf of Mexico.                         |
| Santa Fe.....                              | 70,000                 | 1860           | 10                      | .....         | 5            | Waldo, Fla., to Melrose, Fla.                                 |
| Sault Ste. Marie (ship canal).....         | 4,000,000              | 1895           | 3                       | 2             | 18           | Connects Lakes Superior and Huron at St. Mary's River.        |
| Schuykill Navigation Company               | 12,461,600             | 1826           | 108                     | 71            | 6½           | Mill Creek, Pa., to Philadelphia, Pa.                         |
| Sturgeon Bay and Lake Mich <sup>n</sup> .  | 99,661                 | 1881           | 1½                      | None.         | 15           | Between Green Bay and Lake Michigan.                          |
| St. Mary's Falls.....                      | 7,909,667              | 1896           | 15                      | 1             | 21           | Connects Lakes Superior and Huron at Sault Ste. Marie, Mich.  |
| Susquehanna and Tidewater.....             | 4,931,345              | 1840           | 45                      | 32            | 5½           | Columbia, Pa., to Havre de Grace, Md.                         |
| Walbonding.....                            | 607,269                | 1843           | 25                      | 11            | 4            | Rochester, O., to Roscoe, O.                                  |
| Welland (ship canal).....                  | 23,796,353             | .....          | 26½                     | 55            | 14           | Connects Lake Ontario and Lake Erie.                          |

\*And improvements. † Navigable depth.

THE HARLEM RIVER SHIP CANAL, connecting the Hudson River and Long Island Sound, by way of Spuyten Duyvil Creek and Harlem River, was opened for traffic on June 17, 1895, and cost about \$2,700,000.

| OTHER SHIP CANALS.                            | Length, Miles. | Depth, Feet. | Bottom Width, Feet. | Cost.         |
|-----------------------------------------------|----------------|--------------|---------------------|---------------|
| Suez—Mediterranean and Red seas.....          | 90             | 31           | 108                 | \$100,000,000 |
| Cronstadt—St. Petersburg.....                 | 16             | 20½          | .....               | 10,000,000    |
| Corinth—Corinth and Egean gulfs.....          | 4              | 20¾          | 72                  | 5,000,000     |
| Manchester Ship—Manchester and Liverpool..... | 35½            | 26           | 120                 | 75,000,000    |
| Kaiser Wilhelm—Baltic and North seas.....     | 61             | 29½          | 72                  | 40,000,000    |
| Elbe and Trave.....                           | 41             | 10           | 72                  | 6,000,000     |

PANAMA CANAL.—See "Isthmian Canal Act" in General Index in front pages of ALMANAC.

India, China, Japan, and Australia Mails.

FIGURES in parentheses indicate number of days in transit from port of embarkation.

The Post-Office Department allows 5 days for transmission of mails from New York to San Francisco, 6 days from New York to Seattle, Tacoma, and Vancouver, and 8 days from New York to London, Eng.

Leave London, Eng., every Friday for Aden (10), Bombay (15), Colombo (18), Singapore (22-25), Hong Kong (29-32), Shanghai (35), Yokohama (39-41). By Peninsular and Oriental Steam Navigation Co. and Messageries Maritimes.

Leave San Francisco, Cal., about every 7 to 10 days for Hong Kong (29), Shanghai (26), Yokohama (19). By Pacific Mail and Occidental and Oriental Steamship Lines.

Leave Vancouver, B. C., about every 28 days for Hong Kong (22), Shanghai (19), Yokohama (14). By Canadian Pacific Steamship Line.

Leave Tacoma, Wash., about every 9 to 26 days for Hong Kong (26-31), Shanghai (22-26), Yokohama (15-18). By Northern Pacific Steamship Co.

Leave Seattle, Wash., about every 14 to 21 days for Hong Kong (32), Yokohama (17). By Great Northern Steamship Line.

AUSTRALIA MAILES.—Mails for West Australia are all sent via London, Eng.

Leave San Francisco, Cal., every 9 to 12 days for Honolulu, Sandwich Islands (7); and every 21 days for Pago Pago (13), Auckland, New Zealand (18), Sydney, New South Wales (22). By Oceanic Steamship Co. Mails also leave Vancouver, B. C., about every 28 days for Honolulu, Brisbane, Sydney, Leave London, Eng., every Friday for all parts of Australia, New Zealand, Tasmania, etc.

# 212 The Fleet of Transatlantic Passenger Steamers.

Includes only regular passenger lines from New York.

| STEAMSHIPS.                                                                                    | BUILT. |                | Builders.                                                                     | TONNAGE. |        | HORSE POWER.                 |              | Commander.    | DIMENSIONS IN FEET. |          |        |
|------------------------------------------------------------------------------------------------|--------|----------------|-------------------------------------------------------------------------------|----------|--------|------------------------------|--------------|---------------|---------------------|----------|--------|
|                                                                                                | Year.  | Place.         |                                                                               | Net.     | Gross. | Incl. cald.                  | Regis-tered. |               | Length.             | Breadth. | Depth. |
| NEW YORK AND GLASGOW, Pier foot W. 21st St.                                                    |        |                | ALLAN-STATE LINE.<br>(Office, 53 Broadway.)                                   |          |        | STATE LINE ESTABLISHED 1872. |              |               |                     |          |        |
| Laurentian.....                                                                                | 1872   | Glasgow.....   | Lond & Gl'gow Co., Ltd                                                        | 4522     |        |                              |              | Stirrat.....  | 400                 | 42.5     | 35.3   |
| Mongolian.....                                                                                 | 1891   | Glasgow.....   | D. & W. Henderson..                                                           | 4838     |        |                              |              | Stewart.....  | 400                 | 45.2     | 23.3   |
| Nunidian.....                                                                                  | 1891   | Glasgow.....   | D. & W. Henderson..                                                           | 4838     |        |                              |              | Main.....     | 400                 | 45.2     | 23.3   |
| NEW YORK AND SOUTHAMPTON, Pier foot Fulton St., N. R.                                          |        |                | AMERICAN LINE.<br>(Office, 73 Broadway.)                                      |          |        | ESTABLISHED 1892.            |              |               |                     |          |        |
| St Louis.....                                                                                  | 1895   | Philadelphia   | Wm. Cramp & Sons....                                                          | 5894     | 11629  | 20000                        |              | Passow.....   | 554                 | 63       | 42     |
| St Paul.....                                                                                   | 1895   | Philadelphia   | Wm. Cramp & Sons....                                                          | 5874     | 11629  | 20000                        |              | Jamison.....  | 554                 | 63       | 42     |
| Philadelphia.....                                                                              | 1901   | Belfast.....   | Harland & Wolff.....                                                          | 6389     | 10787  | 20000                        | 2000         | Mills.....    | 590                 | 65.3     | 42     |
| New York.....                                                                                  | 1888   | Glasgow.....   | J. & G. Thomson.....                                                          | 6318     | 10675  | 20000                        | 2000         | Roberts.....  | 560                 | 63.3     | 42     |
| Haverford.....                                                                                 | 1901   | Glasgow.....   | John Brown & Co.....                                                          | 7493     | 11635  | 6200                         |              | Neilsen.....  | 530                 | 59       | 36     |
| Merion.....                                                                                    | 1902   | Glasgow.....   | John Brown & Co.....                                                          | 7493     | 11635  | 6200                         |              | Thompson..... | 530                 | 59       | 36     |
| NEW YORK AND GLASGOW, Pier foot W. 24th St.                                                    |        |                | ANCHOR LINE.<br>(Office, 17 Broadway.)                                        |          |        | ESTABLISHED 1852.            |              |               |                     |          |        |
| Anchoria.....                                                                                  | 1874   | Barrow.....    | Barrow S. B. Co.....                                                          | 2713     | 4168   |                              | 615          | Wadsworth..   | 408                 | 40       | 34     |
| Ethiopia.....                                                                                  | 1873   | Glasgow.....   | A. Stephen & Sons....                                                         | 2604     | 4005   |                              | 720          | Lumsdane....  | 402                 | 42       | 25     |
| Furnessia.....                                                                                 | 1880   | Barrow.....    | Barrow S. B. Co.....                                                          | 2613     | 5495   |                              | 600          | Young.....    | 445                 | 45       | 35     |
| Astoria.....                                                                                   | 1884   | Dumbarton..    | Denny Bros.....                                                               | 5200     |        |                              |              | Wilson.....   | 440                 | 46       | 35     |
| Columbia.....                                                                                  | 1901   | Glasgow.....   | D. & W. Henderson..                                                           | 8900     |        |                              |              | Baxter.....   | 505                 | 56       | 40     |
| NEW YORK AND LONDON, Pier foot W. Houston St.                                                  |        |                | ATLANTIC TRANSPORT LINE.<br>(Office, 1 Broadway.)                             |          |        | ESTABLISHED 1892.            |              |               |                     |          |        |
| Marquette.....                                                                                 | 1898   | Glasgow.....   | A. Stephen & Sons....                                                         | 4536     | 7057   | 770                          |              | Richardson..  | 486                 | 55.2     | 31.3   |
| Menominee.....                                                                                 | 1897   | Glasgow.....   | A. Stephen & Sons....                                                         | 4441     | 6919   | 770                          |              | Lucas.....    | 475                 | 52.3     | 31.3   |
| Manitou.....                                                                                   | 1898   | Hartlepool..   | Furness, Witely & Co                                                          | 4384     | 6849   | 765                          |              | Cannons.....  | 475                 | 52.3     | 31.1   |
| Mesaba.....                                                                                    | 1898   | Belfast.....   | Harland & Wolff.....                                                          | 4433     | 6833   | 772                          |              | Lowe.....     | 482                 | 52.2     | 31.6   |
| Minneapolis.....                                                                               | 1900   | Belfast.....   | Harland & Wolff.....                                                          | 3651     | 13401  | 1227                         |              | Gates.....    | 600                 | 76.5     | 53.9   |
| Minnehaha.....                                                                                 | 1900   | Belfast.....   | Harland & Wolff.....                                                          | 3647     | 13404  | 1227                         |              | Robinson..... | 600                 | 76.5     | 53.9   |
| Minnetonka.....                                                                                | 1902   | Belfast.....   | Harland & Wolff.....                                                          | 3616     | 13398  | 1227                         |              | Layland.....  | 600                 | 76.5     | 53.9   |
| NEW YORK, QUEENSTOWN, AND LIVERPOOL, Pier foot Jane St.                                        |        |                | CUNARD LINE.<br>(Office, 29 Broadway.)                                        |          |        | ESTABLISHED 1840.            |              |               |                     |          |        |
| Campania.....                                                                                  | 1892   | Fairfield..... | Fairfield Co.....                                                             | 5000     | 12950  | 30000                        | *            | Walker.....   | 620                 | 65.3     | 43     |
| Laucia.....                                                                                    | 1892   | Fairfield..... | Fairfield Co.....                                                             | 5000     | 12950  | 30000                        | *            | H. McKay....  | 620                 | 65.3     | 43     |
| Etruria.....                                                                                   | 1885   | Fairfield..... | John Elder & Co.....                                                          | 3257     | 7718   | 14500                        | 2500         | A. McKay....  | 501                 | 65.7     | 23.8   |
| Umbria.....                                                                                    | 1884   | Fairfield..... | John Elder & Co.....                                                          | 3245     | 7718   | 14500                        | 2500         | Dutton.....   | 501                 | 65.7     | 23.8   |
| Aurania.....                                                                                   | 1883   | Glasgow.....   | J. & G. Thomson.....                                                          | 4029     | 7268   | 8500                         | 1500         | King.....     | 470                 | 57.      | 23.7   |
| NEW YORK AND HAVRE, Pier foot Morton St.                                                       |        |                | FRENCH LINE.<br>(Office, 32 Broadway.)                                        |          |        | ESTABLISHED 1850.            |              |               |                     |          |        |
| La Touraine.....                                                                               | 1890   | St. Nazaire    | Cie Gle Transatlan' que                                                       | 9778     | 12000  |                              |              | Fajolle.....  | 536                 | 55       | 38     |
| La Gasconne.....                                                                               | 1886   | Toulon.....    | Soc. des Forges, etc.                                                         | 4158     | 7416   | 9000                         |              | Tournier..... | 508                 | 52       | 38     |
| La Champagne.....                                                                              | 1886   | St. Nazaire    | Cie Gle Transatlan' que                                                       | 3906     | 7110   | 9000                         |              | Verlynde....  | 508                 | 51       | 38     |
| La Bretagne.....                                                                               | 1886   | St. Nazaire    | Cie Gle Transatlan' que                                                       | 3889     | 7010   | 9000                         |              | Poncelet..... | 508                 | 51       | 38     |
| L' Aquitaine.....                                                                              | 1890   | Glasgow.....   | Fairfield S. B. Co....                                                        | 10000    | 16000  |                              |              | .....         | 520                 | 58       | 38     |
| La Lorraine.....                                                                               | 1899   | St. Nazaire    | Cie Gle Transatlan' que                                                       | 15000    | 22000  |                              |              | Alix.....     | 580                 | 60       | 40     |
| La Savoie.....                                                                                 | 1900   | St. Nazaire    | Cie Gle Transatlan' que                                                       | 15000    | 22000  |                              |              | Poirot.....   | 580                 | 60       | 40     |
| NEW YORK, PLYMOUTH, CHERBOURG, SOUTHAMPTON, BOULOGNE, AND HAMBURG, Pier foot 1st St., Hoboken. |        |                | HAMBURG-AMERICAN LINE.<br>(Office, 37 Broadway.)                              |          |        | ESTABLISHED 1847.            |              |               |                     |          |        |
| Deutschland.....                                                                               | 1900   | Stettin.....   | Vulcan S. B. Co.....                                                          | 16000    | 37500  |                              |              | Barends.....  | 686                 | 67       | 44     |
| Fürst Bismarck.....                                                                            | 1890   | Stettin.....   | Vulcan S. B. Co.....                                                          | 8430     | 18000  | 2500                         |              | Leithanser..  | 520                 | 58       | 40     |
| Angusta Victoria.....                                                                          | 1889   | Stettin.....   | Vulcan S. B. Co.....                                                          | 8470     | 15000  | 2500                         |              | Kampff.....   | 620                 | 56       | 38     |
| Columbia.....                                                                                  | 1889   | Birkenhead     | Laird Bros.....                                                               | 7241     | 15000  |                              |              | Krech.....    | 465                 | 56       | 38     |
| Prinzessin Victoria Luise                                                                      | 1900   | Hamburg....    | Blohm & Voss.....                                                             | 5000     | 4600   |                              |              | Saermann....  | 450                 | 47       | 30     |
| Pennsylvania.....                                                                              | 1897   | Belfast.....   | Harland & Wolff.....                                                          | 13265    | 8000   |                              |              | Spiedt.....   | 560                 | 62       | 42     |
| Pretoria.....                                                                                  | 1897   | Hamburg....    | Blohm & Voss.....                                                             | 13050    | 8000   |                              |              | Reesing.....  | 560                 | 62       | 42     |
| Graf Waldersee.....                                                                            | 1897   | Hamburg....    | Blohm & Voss.....                                                             | 13080    | 8000   |                              |              | Kopff.....    | 565                 | 62       | 42     |
| Patricia.....                                                                                  | 1897   | Stettin.....   | Vulcan S. B. Co.....                                                          | 13273    | 8000   |                              |              | .....         | 565                 | 62       | 42     |
| Palatia.....                                                                                   | 1894   | Stettin.....   | Vulcan S. B. Co.....                                                          | 6867     | 5500   |                              |              | Magin.....    | 460                 | 52       | 32     |
| Phoenicia.....                                                                                 | 1894   | Hamburg....    | Blohm & Voss.....                                                             | 6941     | 5500   |                              |              | Schmidt....   | 460                 | 52       | 32     |
| Bulgaria.....                                                                                  | 1898   | Hamburg....    | Blohm & Voss.....                                                             | 10417    | 4000   |                              |              | Hahn.....     | 501                 | 62       | 34 1/2 |
| Belgravia.....                                                                                 | 1899   | Hamburg....    | Blohm & Voss.....                                                             | 10335    | 4000   |                              |              | Schrötter..   | 501                 | 62       | 35     |
| Batavia.....                                                                                   | 1899   | Hamburg....    | Blohm & Voss.....                                                             | 10358    | 4000   |                              |              | .....         | 501                 | 62       | 35     |
| Moltke.....                                                                                    | 1901   | Hamburg....    | Blohm & Voss.....                                                             | 12000    | 8000   |                              |              | Dempwolf..    | 550                 | 62       | 42     |
| Blücher.....                                                                                   | 1901   | Hamburg....    | Blohm & Voss.....                                                             | 12000    | 8000   |                              |              | Karlowa....   | 550                 | 62       | 42     |
| NEW YORK, BOULOGNE, AND ROTTERDAM, Piers foot 5th and 6th Sts., Hoboken.                       |        |                | HOLLAND-AMERICA LINE.<br>NETHERLANDS-AMERICAN LINE.<br>(Office, 39 Broadway.) |          |        | ESTABLISHED 1874.            |              |               |                     |          |        |
| Rotterdam.....                                                                                 | 1897   | Belfast.....   | Harland & Wolff.....                                                          | 5000     | 8500   |                              | 5500         | Stenger.....  | 485                 | 53       | 42     |
| Amsterdam.....                                                                                 | 1879   | Belfast.....   | Harland & Wolff.....                                                          | 2681     | 3700   |                              | 3000         | Rogveveen..   | 410                 | 39       | 29     |
| Statendam.....                                                                                 | 1898   | Belfast.....   | Harland & Wolff.....                                                          | 7000     | 16500  |                              | 6000         | Bakker.....   | 530                 | 60       | 42.6   |
| Potsdam.....                                                                                   | 1899   | Hamburg....    | Blohm & Voss.....                                                             | 7975     | 13000  |                              | 7500         | Potjer.....   | 570                 | 62       | 43.6   |
| Ryndam.....                                                                                    | 1901   | Belfast.....   | Harland & Wolff.....                                                          | 7977     | 13000  |                              | 7500         | Van der Zee.  | 570                 | 62       | 43.6   |
| Noordam.....                                                                                   | 1902   | Belfast.....   | Harland & Wolff.....                                                          | 7977     | 13000  |                              | 7500         | Bonjer.....   | 570                 | 62       | 43.6   |

\*26,509 registered.

| STEAMSHIPS.                                                                        | BUILT. |                   | Builders.                    | TONNAGE.                                          |        | HORSE POWER.    |                  | Commander.        | DIMENSIONS IN FEET. |          |        |
|------------------------------------------------------------------------------------|--------|-------------------|------------------------------|---------------------------------------------------|--------|-----------------|------------------|-------------------|---------------------|----------|--------|
|                                                                                    | Year.  | Place.            |                              | Net.                                              | Gross. | Indi-<br>cated. | Regis-<br>tered. |                   | Length.             | Breadth. | Depth. |
| NEW YORK, PLYMOUTH, CHERBOURG, SOUTH-AMPTON, BREMEN, Pier (* See below.)           |        |                   |                              | NORTH GERMAN LLOYD. (Office, 5 Broadway.)         |        |                 |                  | ESTABLISHED 1857. |                     |          |        |
| Kaiser Wilhelm der Grosse.....                                                     | 1897   | Stettin.....      | Vulcan S. B. Co.....         | 5522                                              | 14350  | 28000           | ...              | Högemann.....     | 649                 | 66       | 43     |
| Kaiserin Maria Th.....                                                             | 1899   | Stettin.....      | Vulcan S. B. Co.....         | 3769                                              | 7800   | 17000           | ...              | Wettin.....       | 546                 | 52       | 37     |
| Friedrich d. Grosse.....                                                           | 1896   | Stettin.....      | Vulcan S. B. Co.....         | ..                                                | 10500  | 7000            | ...              | Kott.....         | 546                 | 60       | 35     |
| Königin Luise.....                                                                 | 1896   | Stettin.....      | Vulcan S. B. Co.....         | ..                                                | 10500  | 7000            | ...              | Volger.....       | 544                 | 60       | 35     |
| Barbarossa.....                                                                    | 1896   | Hamburg.....      | Blohm & Voss.....            | ..                                                | 10500  | 7000            | ...              | Mentz.....        | 546                 | 60       | 35     |
| Bremen.....                                                                        | 1896   | Dantzig.....      | Schichau S. B. Co.....       | ..                                                | 10500  | 8000            | ...              | Nierich.....      | 544                 | 60       | 35     |
| H. H. Meier.....                                                                   | 1892   | Newcastle.....    | Mitchell, A' strong Co.....  | ..                                                | 5306   | 3500            | ...              | .....             | 481                 | 48       | 29     |
| Grosser Kurfürst.....                                                              | 1900   | Dantzig.....      | F. Schichau.....             | ..                                                | 12200  | 8000            | ...              | Meyer.....        | 581½                | 62       | 39     |
| Rhein.....                                                                         | 1899   | Hamburg.....      | Blohm & Voss.....            | ..                                                | 10200  | 5000            | ...              | .....             | 520                 | 58       | 40     |
| Main.....                                                                          | 1900   | Hamburg.....      | Blohm & Voss.....            | ..                                                | 10200  | 5000            | ...              | .....             | 520                 | 58       | 40     |
| Kronprinz Wilhelm.....                                                             | 1901   | Stettin.....      | Vulcan S. B. Co.....         | ..                                                | 15000  | 33000           | ...              | Richter.....      | 663                 | 66       | 43     |
| Kaiser Wilhelm II.....                                                             | 1902   | Stettin.....      | Vulcan S. B. Co.....         | ..                                                | 19500  | ...             | ...              | .....             | ...                 | ...      | ...    |
| NEW YORK AND GENOA, Pier (* See foot of page.)                                     |        |                   |                              | NORTH GERMAN LLOYD. (Office, 5 Broadway.)         |        |                 |                  | ESTABLISHED 1892. |                     |          |        |
| Hohenzollern.....                                                                  | 1888   | Stettin.....      | Vulcan S. B. Co.....         | 4776                                              | 6990   | 6500            | ...              | O. Cüppers.....   | 465                 | 52       | 27     |
| Aller.....                                                                         | 1886   | Glasgow.....      | Elder & Co.....              | 2779                                              | 5581   | 7500            | ...              | Bolte.....        | 455                 | 48       | 36     |
| Trave.....                                                                         | 1886   | Glasgow.....      | Elder & Co.....              | 2779                                              | 5581   | 7500            | ...              | Prager.....       | 455                 | 48       | 36     |
| Jahn.....                                                                          | 1887   | Fairfield.....    | Fairfield E. & S. B. Co..... | 2879                                              | 5581   | 8800            | ...              | Malchon.....      | 464                 | 49       | 37     |
| NEW YORK AND ANTWERP, Pier foot Fulton St., N. R.                                  |        |                   |                              | RED STAR LINE. (Office, 73 Broadway.)             |        |                 |                  | ESTABLISHED 1873. |                     |          |        |
| Friesland.....                                                                     | 1889   | Glasgow.....      | J. & G. Thomson.....         | 3023                                              | 6824   | 6000            | 800              | Nickels.....      | 455                 | 51       | 38     |
| Southwark.....                                                                     | 1893   | Dumbarton.....    | W. Denny & Bros.....         | 5642                                              | 8607   | 8000            | 1237             | Roberts.....      | 494                 | 57       | 37     |
| Kensington.....                                                                    | 1894   | Glasgow.....      | J. & G. Thomson.....         | 5645                                              | 8669   | 8000            | 1237             | Hill.....         | 494                 | 57       | 37     |
| Vaderland.....                                                                     | 1900   | Glasgow.....      | John Brown & Co.....         | 7490                                              | 11899  | 12000           | 1827             | Dann.....         | 580                 | 60       | 42     |
| Zeeland.....                                                                       | 1901   | Glasgow.....      | John Brown & Co.....         | 7511                                              | 11905  | 12000           | 1827             | Broomhead.....    | 580                 | 60       | 42     |
| Finland.....                                                                       | 1902   | Philadelphia..... | Wm. Cramp & Sons.....        | ..                                                | 12000  | 10400           | ..               | Albrecht.....     | 580                 | 60       | 42     |
| Kroonland.....                                                                     | 1902   | Philadelphia..... | Wm. Cramp & Sons.....        | ..                                                | 12000  | 10400           | ..               | Doxrud.....       | 580                 | 60       | 42     |
| NEW YORK, CHRISTIANIA, COPENHAGEN, AND STETTIN, Pier foot 17th St., Hoboken, N. J. |        |                   |                              | SCANDINAVIAN-AMERICAN LINE. (Office, 7 Broadway.) |        |                 |                  | ESTABLISHED 1879. |                     |          |        |
| Alabama.....                                                                       | 1899   | Glasgow.....      | C. Connell & Co.....         | 2869                                              | 4454   | ..              | 353              | Götsche.....      | 375                 | 50       | 25     |
| Alexandra.....                                                                     | 1895   | Renfrew.....      | Lobnitz & Co.....            | 1646                                              | 2567   | ..              | 162              | Kyllesbeck.....   | 296                 | 40       | 19.2   |
| Arkansas.....                                                                      | 1897   | Copenhagen.....   | Burmeister & Wain.....       | 2351                                              | 3635   | ..              | 290              | Petersen.....     | 329                 | 45       | 21.5   |
| Hekla.....                                                                         | 1894   | Copenhagen.....   | Scott & Co.....              | 2088                                              | 3225   | 2150            | 432              | Wulff.....        | 330                 | 41.9     | 29.9   |
| Island.....                                                                        | 1892   | Copenhagen.....   | Burmeister & Wain.....       | 1786                                              | 2812   | 2000            | 360              | Holst.....        | 313                 | 39.2     | 29.7   |
| Kentucky.....                                                                      | 1897   | Copenhagen.....   | Burmeister & Wain.....       | 2362                                              | 3648   | ..              | 280              | Thideman.....     | 329                 | 45       | 21.4   |
| Nicolai II.....                                                                    | 1895   | Renfrew.....      | Lobnitz & Co.....            | 1646                                              | 2567   | ..              | 162              | Orum.....         | 296                 | 40       | 19.8   |
| Norge.....                                                                         | 1881   | Glasgow.....      | Stephen & Son.....           | 2121                                              | 3318   | 1600            | 346              | Gundel.....       | 340                 | 40.8     | 32     |
| Xenia.....                                                                         | 1895   | Renfrew.....      | Lobnitz & Co.....            | 1646                                              | 2567   | ..              | 162              | Kruse.....        | 296                 | 40       | 19.8   |
| Oscar II.....                                                                      | 1901   | Glasgow.....      | Stephen & Son.....           | ..                                                | 10000  | 8000            | ..               | Skjöldt.....      | 515                 | 58       | 42     |
| Hellig Olav.....                                                                   | 1902   | Glasgow.....      | Stephen & Son.....           | ..                                                | 10000  | 8000            | ..               | .....             | 515                 | 58       | 42     |
| NEW YORK, QUEENSTOWN, AND LIVERPOOL, Pier foot W. 11th St.                         |        |                   |                              | WHITE STAR LINE. (Office, 9 Broadway.)            |        |                 |                  | ESTABLISHED 1870. |                     |          |        |
| Tenonic.....                                                                       | 1889   | Belfast.....      | Harland & Wolf.....          | 4269                                              | 9984   | 16000           | 1875             | McKinstry.....    | 585                 | 57       | 42     |
| Majestic.....                                                                      | 1890   | Belfast.....      | Harland & Wolf.....          | 4269                                              | 9965   | 16000           | 1875             | E. J. Smith.....  | 585                 | 57       | 42     |
| Britannic.....                                                                     | 1874   | Belfast.....      | Harland & Wolf.....          | 3182                                              | 5004   | 4590            | 890              | Hayes.....        | 465                 | 45       | 33     |
| Germanic.....                                                                      | 1875   | Belfast.....      | Harland & Wolf.....          | 2991                                              | 5070   | 4500            | 765              | Haddock.....      | 465                 | 45       | 36     |
| Cymric.....                                                                        | 1898   | Belfast.....      | Harland & Wolf.....          | 8508                                              | 13096  | 6700            | 838              | Thompson.....     | 600                 | 64       | 42     |
| Oceanic.....                                                                       | 1899   | Belfast.....      | Harland & Wolf.....          | 6917                                              | 12724  | 27000           | 3014             | Cameron.....      | 704                 | 68       | 49     |
| Celtic.....                                                                        | 1901   | Belfast.....      | Harland & Wolf.....          | 13449                                             | 20904  | 13000           | 2295             | Lindsay.....      | 700                 | 75       | 49     |
| Cedric.....                                                                        | 1902   | Belfast.....      | Harland & Wolf.....          | ..                                                | 21400  | ..              | ..               | .....             | 700                 | 75       | 49     |
| Arabia.....                                                                        | ..     | Belfast.....      | Harland & Wolf.....          | ..                                                | 15240  | ..              | ..               | .....             | ..                  | ..       | ..     |
| NEW YORK AND HULL, Wilson Pier, foot Bethune St., N. R.                            |        |                   |                              | WILSON LINE. (Office, 22 State St.)               |        |                 |                  | ESTABLISHED 1840. |                     |          |        |
| Buffalo.....                                                                       | 1885   | Newcastle.....    | Palmer's.....                | 2909                                              | 4431   | ..              | 600              | Loveridge.....    | 385                 | 46       | 28     |
| Ohio.....                                                                          | 1880   | Dumbarton.....    | A. McMillan & Sons.....      | 2557                                              | 3967   | ..              | 450              | Branton.....      | 360                 | 43       | 25     |
| Colorado.....                                                                      | 1887   | Hull.....         | Earles.....                  | 3787                                              | 4220   | ..              | 600              | Cox.....          | 370                 | 45       | 28     |
| Martello.....                                                                      | 1884   | Hull.....         | Earles.....                  | 2424                                              | 3709   | ..              | 550              | Jenkins.....      | 370                 | 43       | 28     |
| Ontario.....                                                                       | 1881   | Dumbarton.....    | McMillan.....                | 2634                                              | 4008   | ..              | 339              | Bingham.....      | 369                 | 43       | 24     |
| Consuelo.....                                                                      | 1900   | Wallsend.....     | Swan & Hunter.....           | 3970                                              | 6030   | ..              | ..               | Watson.....       | 462                 | 52       | 31     |
| Toronto.....                                                                       | 1900   | Hartlepool.....   | Wm. Gray & Co.....           | 3949                                              | 6035   | ..              | ..               | Forth.....        | 455                 | 52       | 31     |

\* Steamships "Kronprinz Wilhelm," "Kaiser Wilhelm der Grosse" and "Kaiserin Maria Theresia" land at Pier 52, N. R., foot of Gansevoort Street, New York. All other steamers of the Bremen-New York service land at foot of Second Street, Hoboken, N. J. Steamships of the Mediterranean service (with exception of the "Kaiserin Maria Theresia") land at Pier 24, foot of Amity Street, Brooklyn. † Building when ALMANAC went to press.

## Fastest Atlantic Ocean Passages.

| Route.                   | Steamer.               | Line.            | Date.                 | D. | H. | M. |
|--------------------------|------------------------|------------------|-----------------------|----|----|----|
| Queenstown to New York.  | Lucania.               | Cunard.          | Oct. 21-26, 1894.     | 5  | 7  | 23 |
| New York to Queenstown.  | Lucania.               | Cunard.          | Sept. 8-14, 1894.     | 5  | 8  | 38 |
| Cherbourg to New York.   | Kronprinz Wilhelm.     | No. Germ. Lloyd. | Sept. 10-16, 1902.    | 5  | 11 | 57 |
| Southampton to New York. | Kaiser Wilh. d. Gr'se. | No. Germ. Lloyd. | Mar. 30-Apr. 5, 1898. | 5  | 20 | .. |
| New York to Southampton. | Kaiser Wilh. d. Gr'se. | No. Germ. Lloyd. | Nov. 23-29, 1897.     | 5  | 17 | 8  |
| Havre to New York.       | La Savoie.             | French.          | Mar. 22-28, 1902.     | 6  | 10 | .. |
| New York to Havre.       | La Savoie.             | French.          | Nov. 14-21, 1901.     | 6  | 11 | 5  |
| New York to Cherbourg.   | Kaiser Wilh. d. Gr'se. | No. Germ. Lloyd. | Jan. 4-10, 1900.      | 5  | 16 | .. |
| New York to Plymouth.    | Deutschland.           | Hamburg-Am.      | Sept. 5-10, 1900.     | 5  | 7  | 38 |
| Plymouth to New York.    | Deutschland.           | Hamburg-Am.      | July 7-12, 1900.      | 5  | 15 | 46 |

### BEST RECORDS OF OTHER LINES.

| Line.       | Route.                   | Steamer.      | Date.              | D. | H. | M. |
|-------------|--------------------------|---------------|--------------------|----|----|----|
| American.   | Queenstown to New York.  | Paris.        | Oct. 14-19, 1892.  | 5  | 14 | 24 |
| "           | Southampton to New York. | St. Paul.     | Aug. 8-14, 1896.   | 6  | 0  | 31 |
| "           | New York to Southampton. | St. Louis.    | Sept. 1-8, 1897.   | 6  | 10 | 14 |
| Gulon.      | New York to Queenstown.  | Alaska.       | Sept. 12-19, 1882. | 6  | 18 | 37 |
| White Star. | New York to Queenstown.  | Teutonic.     | Oct. 21-27, 1891.  | 5  | 21 | 3  |
| "           | Queenstown to New York.  | Teutonic.     | Aug. 13-19, 1891.  | 5  | 16 | 31 |
| Anchor.     | New York to Glasgow.     | City of Rome. | Aug. 13-19, 1885.  | 6  | 18 | 25 |
| Red Star.   | New York to Antwerp.     | Friesland.    | August, 1894.      | 8  | 22 | 13 |

Approximate Distances: Sandy Hook (Lightship), New York, to Queenstown (Roche's Point), 2,800 miles; to Plymouth (Eddystone), 2,962 miles; to Southampton (The Needles), 3,100 miles; to Havre, 3,170 miles; to Cherbourg (The Mole), 3,184 knots. The fastest day's run was made by the Deutschland, of the Hamburg-American line, July-August, 1901—601 knots, or 24.19 knots per hour.

### THE RECORD-BREAKERS IN THIRTY-FIVE YEARS.

The following is the succession of steamships which have broken the record since 1866, with their running time. The route in all cases was that between New York and Queenstown, east or west.

| Date. | Steamer.          | D. | H. | M. | Date. | Steamer.       | D. | H. | M. |
|-------|-------------------|----|----|----|-------|----------------|----|----|----|
| 1856. | Persia.           | 9  | 1  | 45 | 1855. | Etruria.       | 6  | 5  | 31 |
| 1866. | Scotia.           | 8  | 2  | 48 | 1887. | Umbria.        | 6  | 4  | 42 |
| 1869. | City of Brussels. | 7  | 22 | 3  | 1888. | Etruria.       | 6  | 1  | 55 |
| 1873. | Baltic.           | 7  | 20 | 9  | 1889. | City of Paris. | 5  | 19 | 18 |
| 1875. | City of Berlin.   | 7  | 15 | 48 | 1891. | Majestic.      | 5  | 18 | 8  |
| 1876. | Germanic.         | 7  | 11 | 37 | 1891. | Teutonic.      | 5  | 16 | 31 |
| 1877. | Britannic.        | 7  | 10 | 53 | 1892. | City of Paris. | 5  | 15 | 58 |
| 1880. | Arizona.          | 7  | 7  | 23 | 1892. | City of Paris. | 5  | 14 | 24 |
| 1882. | Alaska.           | 6  | 18 | 37 | 1893. | Campania.      | 5  | 12 | 7  |
| 1884. | Oregon.           | 6  | 11 | 9  | 1894. | Lucania.       | 5  | 7  | 23 |
| 1884. | America.          | 6  | 10 | 0  |       |                |    |    |    |

American sailing ship A. G. Ropes arrived off Sandy Hook March 21, 1898, in 19 days from Liverpool, Eng., having made the trip from Cape Clear (Irish coast) to Sandy Hook (2,700 knots) in 17 days, an average of nearly 160 knots a day. Most transatlantic records of sailing vessels are from New York to Liverpool or Queenstown. There is no record on file from Liverpool to New York, excepting that of the Young America, which made the trip to Liverpool in 18 days and came back in 23 days. The famous Dreadnaught once sailed to Liverpool from New York in 13 days 8 hours, and the Red Jacket in 13 days 11 hours 25 minutes.

## Funnel Marks and Night Signals of Transatlantic Lines

| LINES.            | Funnel Marks.                                                   | Night Signals.                                                             |
|-------------------|-----------------------------------------------------------------|----------------------------------------------------------------------------|
| American.         | Black, white band, black top.                                   | Blue light forward, red light amidships, and blue light aft.               |
| Anchor.           | Black.                                                          | White lantern, then a red.                                                 |
| Atlantic Transp't | Red, with black top.                                            | Six ball roman candles, with green-white.                                  |
| Bristol.          | Black, white band in centre, blue star in centre of white band. | Red-green light. [red.                                                     |
| Cunard.           | Red, with black rings and black top.                            | Blue light and two roman candles, each throwing out six blue balls.        |
| French.           | Red, with black top.                                            | Blue light forward, white light amidships, and red light aft.              |
| Hamburg-Amer.     | Express service, buff; regular, black.                          | Two red-white-blue lights, in quick succession, at stern.                  |
| Netherlands-Am.   | Black, white band, with green borders.                          | Three red lights forward, aft, and amidships, at same time.                |
| Nor. Ger. Lloyd.  | Cream.                                                          | Two blue-red lights, one forward, one aft.                                 |
| Red Star.         | Black, white band, black top.                                   | Three red lights, one forward, one aft, and one amidships, simultaneously. |
| Scandinav.-Amer.  | Yellow, with white band and blue star, and black top.           | One white-red, followed by one red-white light.                            |
| White Star.       | Cream, with black top.                                          | Two green lights simultaneously.                                           |
| Wilson.           | Red, with black top.                                            | Two red lights, about 60 feet apart.                                       |

## House Flags of Transatlantic Lines.

| LINES.            | Flags.                                                                                                                         | LINES.           | Flags.                                                                         |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------|------------------|--------------------------------------------------------------------------------|
| American.         | White, with blue spreadeagle in centre.                                                                                        | Netherlands-Am   | Green, white and green, N. A. S. M. in black letters in the white.             |
| Anchor.           | White swallowtail flag, with red anchor.                                                                                       | North Ger. Lloyd | Key and anchor crossed in centre of a laurel wreath, in blue on a white field. |
| Atlantic Transp't | Red, white, and blue in horizontal bars, with stars.                                                                           | Red Star.        | White swallowtail flag, red star.                                              |
| Cunard.           | Red flag, golden lion in centre.                                                                                               | Scandinav.-Amer  | White, with seven-pointed blue star.                                           |
| French.           | White flag, red ball in corner, with company's name.                                                                           | White Star.      | Red swallowtail flag, containing white star.                                   |
| Hamburg-Amer.     | White and blue flag, diagonally quartered, with a black anchor and yellow shield in centre, bearing the letters H. A. P. A. G. | Wilson.          | White pennant, red ball in centre.                                             |

## Immigration Into the United States, 1820=1902.

| YEAR.     | Total Alien Passengers. | YEAR.     | Total Alien Passengers. | YEAR.                     | Total Immigrants. | YEAR.             | Total Immigrants. |
|-----------|-------------------------|-----------|-------------------------|---------------------------|-------------------|-------------------|-------------------|
| 1820..... | 8,385                   | 1842..... | 104,565                 | 1864.....                 | 193,195           | 1885.....         | 395,346           |
| 1821..... | 9,127                   | 1843..... | 52,496                  | 1865.....                 | 247,453           | 1886.....         | 334,203           |
| 1822..... | 6,911                   | 1844..... | 78,615                  | 1866.....                 | 163,594           | 1887.....         | 490,109           |
| 1823..... | 6,354                   | 1845..... | 114,371                 | Fiscal year end'g June 30 |                   | 1888.....         | 546,889           |
| 1824..... | 7,912                   | 1846..... | 154,416                 | 1867.....                 | 298,967           | 1889.....         | 444,427           |
| 1825..... | 10,199                  | 1847..... | 234,968                 | 1868.....                 | 282,189           | 1890.....         | 455,302           |
| 1826..... | 10,837                  | 1848..... | 226,527                 | 1869.....                 | 352,529           | 1891.....         | 560,319           |
| 1827..... | 13,875                  | 1849..... | 297,024                 | 1870.....                 | 387,263           | 1892.....         | 623,084           |
| 1828..... | 27,382                  | 1850..... | 369,986                 | 1871.....                 | 321,350           | 1893.....         | 502,917           |
| 1829..... | 22,520                  | 1851..... | 379,406                 | 1872.....                 | 404,863           | 1894.....         | 314,467           |
| 1830..... | 23,322                  | 1852..... | 371,603                 | 1873.....                 | 459,803           | 1895.....         | 279,948           |
| 1831..... | 22,633                  | 1853..... | 368,645                 | 1874.....                 | 313,339           | 1896.....         | 343,267           |
| 1832..... | 60,482                  | 1854..... | 427,833                 | 1875.....                 | 227,498           | 1897.....         | 230,832           |
| 1833..... | 58,640                  | 1855..... | 200,877                 | 1876.....                 | 169,968           | 1898.....         | 229,299           |
| 1834..... | 65,365                  | 1856..... | 195,877                 | 1877.....                 | 141,857           | 1899.....         | 311,715           |
| 1835..... | 45,374                  | 1857..... | 246,945                 | 1878.....                 | 138,469           | 1900.....         | 448,572           |
| 1836..... | 76,242                  | 1858..... | 119,501                 | 1879.....                 | 177,826           | 1901.....         | 487,918           |
| 1837..... | 79,340                  | 1859..... | 118,616                 | 1880.....                 | 457,257           | 1902.....         | 648,743           |
| 1838..... | 38,914                  | 1860..... | 150,237                 | 1881.....                 | 669,431           |                   |                   |
| 1839..... | 68,069                  | 1861..... | 89,724                  | 1882.....                 | 788,992           | Total.....        | 20,901,816        |
| 1840..... | 84,066                  | 1862..... | 89,207                  | 1883.....                 | 603,322           |                   |                   |
| 1841..... | 80,289                  | 1863..... | 174,524                 | 1884.....                 | 518,592           | 1789 to 1820 est. | 250,000           |

Of the whole number of immigrants in the fiscal year ending June 30, 1902, 493,262 came through the customs district of New York, 39,679 through Baltimore, 39,465 through Boston, 17,175 through Philadelphia, 5,271 through San Francisco, and 53,891 through other ports; total, 648,743.

The reported occupations of immigrants arriving during the fiscal year 1902 were as follows: Laborers, 242,679; farmers, 8,168; farm laborers, 80,562; servants, 69,913; carpenters and joiners, 8,895; miners, 4,920; clerks, 3,721; tailors, 10,369; shoemakers, 6,402; blacksmiths, 3,274; bakers, 2,392; seamstresses and dressmakers, 4,542; masons, 4,691; mariners, 6,465; merchant dealers and grocers, 7,242. The total number of professional immigrants was 2,937; of skilled, 79,768; of occupations not stated, 4,042; total miscellaneous, 412,879; of no occupation (including women and children), 153,159.

The nationality of immigrants in the fiscal year ending June 30, 1902, was as follows: Austria-Hungary, 171,989; German Empire, 28,304; Italy, including Sicily and Sardinia, 178,375; Norway, 17,484; Sweden, 30,894; Roumania, 7,196; Russian Empire and Finland, 107,347; England, 13,575; Ireland, 29,138; Scotland, 2,560; Wales, 763; China, 1,649; other Asia, 20,622; West Indies and Miguelon, 4,711; all other countries, 34,136; total, 648,743.

The total number of immigrants who left Ireland for other countries from May 1, 1851, to December 31, 1900, was 3,841,419.—Whitaker.

## Course of Relative Prices 1890 to 1901 Inclusive.

In the following table, prepared by the United States Department of Labor, similar commodities have been grouped, and the average of the relative prices shown for the commodities in each subgroup and in each of the nine general groups. The averages in all cases were found by dividing the sum of the relative prices by the number of commodities in the group under consideration. It should be borne constantly in mind that the term commodity is used here and elsewhere in a specific sense, "native" and "Western" sheep, for example, being considered different commodities. The method of securing average relative prices was as follows: The average relative price of cattle was found by adding the relative prices of the two grades of cattle and dividing the sum by two. The average for hogs was found in the same manner, and also the average for sheep. The average for live stock was found by dividing the sum of the relative prices of the two grades of cattle, the two grades of hogs, and the two grades of sheep by six, the total number of different descriptions of commodities or series of quotations in the live stock group. The average relative prices of each of the nine general groups were found by dividing the sum of the relative prices of the different descriptions of commodities for each year by the number of these commodities or series of quotations considered in that year. The sum of the relative prices in 1890 of the commodities shown under the general group, "Food, etc.," for example, is 5,958.2, which amount divided by fifty-three, the number of different descriptions of commodities or series of quotations considered that year, gives 112.4 as the average for the group "Food, etc.," for 1890. For 1893 to 1901, fifty-four commodities are quoted in this group, and that number is accordingly the divisor for each of those years. The average relative prices of each of the nine general groups for each year of the period, and the average relative prices of all commodities (261) for each year, are shown in the following summary:

AVERAGE PRICE FOR 1890=1899=100.

| YEARS.    | Farm Products. | Food, etc. | Cloths and Clothing. | Fuel and Lighting. | Metals and Imple-ments. | Lumber and Building Materials. | Drugs and Chemi-cals. | House-furnish-ing Goods. | Mis-el-laneous. | All Com-modities. |
|-----------|----------------|------------|----------------------|--------------------|-------------------------|--------------------------------|-----------------------|--------------------------|-----------------|-------------------|
| 1890..... | 110.0          | 112.4      | 113.5                | 104.7              | 119.2                   | 111.8                          | 110.2                 | 111.1                    | 110.3           | 112.9             |
| 1891..... | 121.5          | 115.7      | 111.3                | 102.7              | 111.7                   | 108.4                          | 103.6                 | 110.2                    | 109.4           | 111.7             |
| 1892..... | 111.7          | 103.6      | 109.0                | 101.1              | 106.0                   | 102.8                          | 102.8                 | 106.5                    | 106.2           | 106.1             |
| 1893..... | 107.9          | 110.2      | 107.2                | 100.0              | 100.7                   | 101.9                          | 100.5                 | 104.9                    | 105.9           | 105.6             |
| 1894..... | 95.9           | 99.8       | 96.1                 | 92.4               | 90.7                    | 96.3                           | 89.8                  | 100.1                    | 99.8            | 96.1              |
| 1895..... | 93.3           | 94.6       | 92.7                 | 98.1               | 92.0                    | 94.1                           | 87.9                  | 96.5                     | 94.5            | 93.6              |
| 1896..... | 78.3           | 83.8       | 91.3                 | 104.3              | 93.7                    | 93.4                           | 92.6                  | 94.0                     | 91.4            | 90.4              |
| 1897..... | 85.2           | 87.7       | 91.1                 | 96.4               | 86.6                    | 90.4                           | 94.4                  | 89.8                     | 92.1            | 89.7              |
| 1898..... | 96.1           | 94.4       | 93.4                 | 95.4               | 88.4                    | 95.8                           | 106.6                 | 92.0                     | 92.4            | 93.4              |
| 1899..... | 100.0          | 98.3       | 96.7                 | 105.0              | 114.7                   | 105.8                          | 111.3                 | 95.1                     | 97.7            | 101.7             |
| 1900..... | 109.5          | 104.2      | 106.8                | 120.9              | 120.5                   | 115.7                          | 115.7                 | 106.1                    | 109.8           | 110.5             |
| 1901..... | 116.9          | 105.9      | 101.0                | 119.5              | 111.9                   | 116.7                          | 115.2                 | 110.9                    | 107.4           | 108.5             |

## The American Hog.

HOGS PACKED AND MARKETED, YEAR ENDING MARCH 1, 1902.

| CITIES.            | Number of Hogs. | CITIES.             | Number of Hogs. | CITIES.                         | Number of Hogs. |
|--------------------|-----------------|---------------------|-----------------|---------------------------------|-----------------|
| Chicago.....       | 7,636,000       | Ottumwa.....        | 610,002         | Other Places East...            | 1,071,000       |
| Kansas City.....   | 3,427,802       | Cleveland.....      | 496,231         | Receipts at New York, Philadel- |                 |
| South Omaha.....   | 2,390,416       | Louisville.....     | 375,000         | phia, and Balti-                |                 |
| St. Louis.....     | 1,725,407       | Sioux City.....     | 879,763         | more.....                       | 2,235,000       |
| Indianapolis.....  | 1,225,310       | St. Paul.....       | 658,591         |                                 |                 |
| Cincinnati.....    | 569,782         | Nebraska City.....  | 180,746         | Total 1902.....                 | 30,395,000      |
| Milwaukee & Cudahy | 790,063         | Other Places West.. | 1,844,476       | " 1901.....                     | 28,980,000      |
| St. Joseph.....    | 2,105,293       | Boston.....         | 1,406,000       | " 1900.....                     | 28,172,000      |
| Cedar Rapids.....  | 486,790         | Buffalo.....        | 332,000         |                                 |                 |

DISTRIBUTION OF HOG PRODUCTS EXPORTED FROM THE UNITED STATES IN 1901-02.

| COUNTRIES.                                                               | HAMS.               |              | BACON.              |              | PORK.               |              | LARD.               |              |
|--------------------------------------------------------------------------|---------------------|--------------|---------------------|--------------|---------------------|--------------|---------------------|--------------|
|                                                                          | Quantities, Pounds. | Values.      | Quantities, Pounds. | Values.      | Quantities, Pounds. | Values.      | Quantities, Pounds. | Values.      |
| United Kingdom.....                                                      | 302,391,263         | \$22,569,533 | 310,340,793         | \$28,927,610 | 98,501,537          | \$8,641,863  | 199,442,907         | \$19,119,841 |
| France.....                                                              | 180,041             | 18,572       | 845,484             | 75,048       | 78,000              | 6,750        | 1,801,007           | 69,981       |
| Germany.....                                                             | 2,128,576           | 219,826      | 20,000,456          | 1,875,155    | 8,671,775           | 719,433      | 173,267,658         | 16,237,434   |
| Other Europe.....                                                        | 9,820,647           | 1,063,123    | 38,208,232          | 3,393,444    | 21,834,445          | 1,850,467    | 108,040,377         | 10,147,575   |
| British North America, Central American States and British Honduras..... | 3,480,795           | 375,456      | 5,778,031           | 621,955      | 9,935,122           | 754,852      | 1,737,936           | 175,156      |
| Mexico.....                                                              | 273,098             | 31,088       | 319,766             | 29,888       | 1,319,501           | 107,536      | 1,756,990           | 170,670      |
| San Domingo.....                                                         | 476,172             | 58,690       | 291,747             | 32,891       | .....               | .....        | 8,098,613           | 702,082      |
| Cuba.....                                                                | 88,513              | 11,809       | 13,062              | 1,302        | 110,842             | 9,594        | 471,934             | 46,385       |
| Other West Indies and Bermuda.....                                       | 5,676,814           | 554,590      | 4,111,136           | 364,536      | 5,734,050           | 491,486      | 25,374,052          | 2,144,229    |
| Argentina.....                                                           | 1,672,575           | 184,577      | 367,206             | 41,747       | 10,069,824          | 853,084      | 5,944,269           | 543,697      |
| Brazil.....                                                              | 59,171              | 3,269        | 1,008,477           | 181,708      | 19,600              | 1,900        | 68,195              | 7,028        |
| Colombia.....                                                            | 159,210             | 16,164       | 93,271              | 2,244        | 194,762             | 16,588       | 10,194,268          | 1,059,556    |
| Other South America.....                                                 | 599,733             | 77,154       | 319,153             | 33,348       | 3,278,446           | 278,115      | 1,145,374           | 98,995       |
| Chinese Empire.....                                                      | 166,615             | 24,137       | 118,158             | 17,976       | .....               | .....        | 9,058,826           | 890,548      |
| British Australasia.....                                                 | 2,787               | 272          | .....               | 9,922        | .....               | .....        | .....               | .....        |
| Philippine Islands.....                                                  | 201,264             | 24,475       | 79,022              | 9,922        | 9,800               | 950          | 211,821             | 19,700       |
| Other Asia and Oceania                                                   | 212,216             | 28,464       | 109,575             | 16,708       | 76,035              | 6,600        | 744,073             | 67,541       |
| Africa.....                                                              | 181,433             | 18,256       | 267,865             | 24,328       | 119,800             | 10,365       | 3,465,662           | 348,519      |
| Other countries.....                                                     | 20,309              | 2,409        | .....               | .....        | 111,310             | 10,438       | 54,235              | 4,957        |
| Total.....                                                               | 227,653,232         | \$25,222,744 | 383,150,621         | \$35,449,797 | 160,067,949         | \$13,770,026 | 556,840,222         | \$52,375,864 |

The Department of Agriculture reported the following farm animals in the United States on January 1, 1900: Horses, 13,537,534, value, \$603,969,442; mules, 2,086,127, value, \$111,717,092; milch cows, 16,292,360, value, \$514,812,106; oxen and other cattle, 27,610,054, value, \$689,486,260; sheep, 41,883,065, value, \$122,665,916. Total value farm animals, \$2,212,756,578.

## Production of Tobacco.

PRODUCTION OF tobacco in the United States, 1892 to 1898, as compiled from the reports of the Bureau of Internal Revenue and of the Bureau of Statistics of the Treasury Department.\*

|                                  | 1892.       | 1893.       | 1894.       | 1895.       | 1896.       | 1897.       | 1898.       |
|----------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
|                                  | Pounds.     | Pounds.     | Pounds.     | Pounds.     | Pounds.     | Pounds.     | Pounds.     |
| Tobacco manufactured:            |             |             |             |             |             |             |             |
| Chewing, smoking, and snuff..... | 234,081,332 | 249,858,869 | 250,994,675 | 234,561,904 | 265,871,158 | 247,358,414 | 286,453,738 |
| Cigars and cigarettes.....       | 96,925,980  | 89,973,814  | 93,539,213  | 95,053,056  | 96,213,473  | 102,519,323 | 106,855,524 |
| Exports, domestic.....           | 277,258,871 | 304,797,808 | 293,637,217 | 300,471,687 | 281,074,423 | 269,966,833 | 346,823,637 |
| Exports, foreign.....            | 1,611,863   | 1,776,636   | 3,060,385   | 2,767,454   | 1,779,103   | 2,323,516   | 1,847,677   |
| Total.....                       | 609,878,046 | 646,407,127 | 641,331,490 | 632,430,101 | 644,938,156 | 632,168,086 | 741,980,576 |
| Less Imports.....                | 22,093,270  | 24,889,175  | 31,355,899  | 20,258,704  | 12,848,743  | 11,307,830  | 17,107,839  |
| Net.....                         | 587,784,776 | 621,507,952 | 609,975,591 | 612,171,397 | 632,089,413 | 610,860,256 | 724,872,737 |

\* For calendar year following.

The above is the latest data supplied by the Bureau of Statistics of the Treasury Department.

## CENSUS REPORT OF 1900.

Tobacco was grown in the United States in 1899 by 308,317 farmers. The total area devoted to the crop was 1,101,483 acres, and the total production was 868,163,275 pounds, an increase in area since 1889 of 406,182 acres, or 58.4 per cent, and a gain in production of 379,906,629 pounds, or 77.8 per cent. Of the entire area devoted to tobacco, 465,754 acres, or 42.3 per cent, were in the South Atlantic division. Of this amount North Carolina contributed 43.6 per cent and Virginia 39.6 per cent. The South Central division contained 461,855 acres, or 41.9 per cent of the entire acreage, and of this amount Kentucky, which leads the country in tobacco production, contributed 83.3 per cent. The North Atlantic division contained 4.8 per cent of the entire acreage, and the North Central 10.9 per cent, with only 54 acres reported from the Western division. The total value of the crop, in 1899, was \$56,993,003, or an average of \$184.85 for each farm reporting. The average yield per acre was 788 pounds, and the average value per pound to the producer 7 cents.

The imports of tobacco, fiscal year 1902, were 29,829,512 pounds, valued at \$17,708,189. The exports were 315,575,309 pounds, valued at \$32,772,849.



GRAIN PRODUCTION OF THE UNITED STATES.

UNITED STATES Census reports of the production of the principal cereals in the several census years, with the reports of the Department of Agriculture for 1890-1900.

| YEARS.    | Indian Corn.  | Wheat.      | Oats.       | Barley.    | Rye.       | Buckwheat. |
|-----------|---------------|-------------|-------------|------------|------------|------------|
|           | Bushels.      | Bushels.    | Bushels.    | Bushels.   | Bushels.   | Bushels.   |
| 1850..... | 592,071,104   | 100,485,940 | 146,584,179 | 5,167,015  | 14,188,813 | 8,956,912  |
| 1860..... | 838,792,742   | 173,104,924 | 172,043,185 | 15,825,898 | 21,101,380 | 17,571,818 |
| 1870..... | 760,944,549   | 287,745,626 | 282,107,157 | 29,761,305 | 16,918,795 | 9,821,721  |
| 1880..... | 1,754,861,535 | 459,479,503 | 407,858,900 | 44,113,495 | 19,831,595 | 11,817,327 |
| 1890..... | 1,489,970,000 | 399,262,000 | 523,621,000 | 67,168,344 | 25,807,472 | 12,432,851 |
| 1891..... | 1,660,154,000 | 611,748,000 | 728,394,000 | 86,839,153 | 31,751,868 | 12,760,432 |
| 1892..... | 1,628,464,000 | 515,949,000 | 661,035,000 | 80,065,762 | 27,978,824 | 12,143,186 |
| 1893..... | 1,618,496,131 | 399,431,725 | 638,854,850 | 69,869,492 | 26,555,446 | 12,322,311 |
| 1894..... | 1,212,770,052 | 467,267,416 | 662,086,928 | 61,400,465 | 26,727,615 | 12,668,200 |
| 1895..... | 2,151,139,000 | 467,103,000 | 824,444,000 | 87,373,000 | 27,210,000 | 15,341,000 |
| 1896..... | 2,283,875,000 | 427,684,000 | 707,346,000 | 69,695,000 | 24,369,000 | 14,060,000 |
| 1897..... | 1,902,967,933 | 530,149,168 | 698,737,809 | 66,685,127 | 27,363,324 | 14,997,451 |
| 1898..... | 1,924,185,000 | 675,149,000 | 730,905,000 | 55,792,000 | 25,657,000 | 11,722,000 |
| 1899..... | 2,078,143,933 | 547,308,846 | 796,177,713 | 73,381,563 | 23,961,741 | 11,004,471 |
| 1900..... | 2,103,102,516 | 522,229,505 | 800,125,989 | 58,925,833 | 23,995,927 | 9,566,966  |

The hay crop of the United States in 1900 was reported by the Department of Agriculture at 50,110,906 tons; potato crop, 210,926,897 bushels; rice crop, 285,750,000 pounds; hop crop, 208,000 bales of 180 pounds; flaxseed crop, 20,086,000 pounds. The census of 1900 gave the hemp crop at 11,750,630 pounds; peanuts, 11,664,957 bushels; sweet potatoes, 42,526,696 bushels; apples, 175,397,626 bushels; peaches, 15,433,623 bushels; pears, 6,625,417 bushels.

THE WHEAT CROP OF THE WORLD, IN BUSHELS, 1901.\*

| COUNTRIES.         | Bushels.    | COUNTRIES.         | Bushels.    | COUNTRIES.           | Bushels.      |
|--------------------|-------------|--------------------|-------------|----------------------|---------------|
| United States..... | 756,269,573 | Italy.....         | 133,045,279 | Egypt.....           | 10,035,725    |
| Canada.....        | 87,555,891  | Spain.....         | 123,296,049 | Algeria.....         | 22,281,545    |
| Argentina.....     | 74,751,525  | France.....        | 307,388,463 | Australasia.....     | 57,323,526    |
| Chile.....         | 44,462,134  | Germany.....       | 91,815,889  | Mexico.....          | 3,233,292     |
| Austria.....       | 44,026,823  | Great Britain..... | 13,117,344  | Other countries..... | 37,645,913    |
| Hungary.....       | 132,966,433 | Portugal.....      | 10,035,725  | The world.....       | 2,820,333,614 |
| Roumania.....      | 73,142,703  | Russia.....        | 427,786,477 |                      |               |
| Turkey.....        | 61,648,024  | British India..... | 248,593,946 |                      |               |
| Bulgaria.....      | 38,709,225  |                    |             |                      |               |

\* In bushels of 60 pounds. This estimate was made by the Russian Ministry of Finance. The rye crop of principal countries in 1900 was in bushels: United States, 23,996,000; Germany, 336,624,000; Austria-Hungary, 107,500,000; Russia in Europe, 903,931,000; France, 63,546,000; Japan, 35,000,000; the world, 1,601,826,000.

The barley crop of the world in 1900 was bushels was 919,224,000; corn crop, 2,735,090,000; oats crop, 3,095,497,000.

PRICES OF WHEAT (CHICAGO MARKET), 1860-1901.\*

| YEARS.    | Months of Lowest Price. | Yearly Range of Prices. | Months of Highest Price. | YEARS.    | Months of Lowest Price. | Yearly Range of Prices. | Months of Highest Price. |
|-----------|-------------------------|-------------------------|--------------------------|-----------|-------------------------|-------------------------|--------------------------|
| 1860..... | December.....           | 66 @ 1.13               | April.                   | 1882..... | December.....           | 91½ @ 1.40              | April and May            |
| 1861..... | June and July.....      | 55 @ 1.25               | May.                     | 1883..... | October.....            | 90 @ 1.13½              | June.                    |
| 1862..... | January.....            | 64 @ 1.25               | August.                  | 1884..... | December.....           | 69½ @ 96                | February.                |
| 1863..... | August.....             | 80 @ 1.12½              | December.                | 1885..... | March.....              | 73½ @ 91¾               | April.                   |
| 1864..... | March.....              | 1.07 @ 2.26             | June.                    | 1886..... | October.....            | 69½ @ 84¾               | January.                 |
| 1865..... | December.....           | 85 @ 1.55               | January.                 | 1887..... | August.....             | 66½ @ 94¾               | June.                    |
| 1866..... | February.....           | 77 @ 2.03               | November.                | 1888..... | April.....              | 71½ @ 2.00              | September. †             |
| 1867..... | August.....             | 1.55 @ 2.85             | May.                     | 1889..... | June.....               | 75½ @ 1.08¾             | February.                |
| 1868..... | November.....           | 1.04½ @ 2.20            | July.                    | 1890..... | February.....           | 74½ @ 1.08¾             | August.                  |
| 1869..... | December.....           | 76½ @ 1.46              | August.                  | 1891..... | July.....               | 85 @ 1.16               | April.                   |
| 1870..... | April.....              | 73½ @ 1.31½             | July.                    | 1892..... | October.....            | 69½ @ 91¾               | February.                |
| 1871..... | August.....             | 99½ @ 1.32              | Feb., April, and         | 1893..... | July.....               | 54½ @ 88                | April.                   |
| 1872..... | November.....           | 1.01 @ 1.61             | August.                  | 1894..... | Sept'ber.....           | 50 @ 65½                | April.                   |
| 1873..... | September.....          | 89 @ 1.46               | July.                    | 1895..... | January.....            | 48½ @ 85½               | May.                     |
| 1874..... | October.....            | 81½ @ 1.28              | April.                   | 1896..... | June.....               | 53½ @ 94½               | November.                |
| 1875..... | February.....           | 83½ @ 1.30½             | August.                  | 1897..... | April.....              | 64½ @ 1.09              | December.                |
| 1876..... | July.....               | 83 @ 1.26¾              | December.                | 1898..... | October.....            | 62 @ 1.85               | May. †                   |
| 1877..... | August.....             | 1.01½ @ 1.76½           | May.                     | 1899..... | December.....           | 64 @ 79½                | May.                     |
| 1878..... | October.....            | 77 @ 1.14               | April.                   | 1900..... | January.....            | 61½ @ 87½               | June.                    |
| 1879..... | January.....            | 81½ @ 1.33½             | December.                | 1901..... | July.....               | 63½ @ 79½               | December.                |
| 1880..... | August.....             | 86½ @ 1.32              | January.                 | 1902..... | August.....             | 68½ @ 95                | September.               |
| 1881..... | January.....            | 95½ @ 1.43½             | October.                 |           |                         |                         |                          |

\* No. 2 cash wheat. † The Hutchinson "corner" figure; \$1.04½ @ 1.05½ the following day. ‡ The Letter "corner" figure.

This table was compiled by Charles B. Murray, editor of the Cincinnati Price Current.

EXPORTS OF THE MAIN CEREALS FROM THE UNITED STATES.

| FISCAL YEARS.<br>JULY 1 TO JUNE 30. | CORN.       |                  |                         | WHEAT.      |                  |                         | OATS.      |                  |                         |
|-------------------------------------|-------------|------------------|-------------------------|-------------|------------------|-------------------------|------------|------------------|-------------------------|
|                                     | Bushels.    | Aggregate Value. | Average Value per Bush. | Bushels.    | Aggregate Value. | Average Value per Bush. | Bushels.   | Aggregate Value. | Average Value per Bush. |
| 1895-96.....                        | 99,999,875  | \$37,536,822     | \$0.378                 | 60,650,080  | \$ 9,709,585     | \$0.55                  | 13,012,590 | \$3,487,611      | \$0.268                 |
| 1896-97.....                        | 175,995,654 | 58,618,736       | 30.4                    | 79,375,372  | 59,782,665       | 75.3                    | 35,077,828 | 8,752,001        | 24.9                    |
| 1897-98.....                        | 206,567,292 | 75,502,327       | 30.7                    | 146,623,250 | 144,272,849      | 98.3                    | 69,206,696 | 20,591,433       | 29.3                    |
| 1898-99.....                        | 174,089,084 | 68,977,448       | 39.6                    | 139,432,815 | 104,268,169      | 75.0                    | 30,309,778 | 9,787,510        | 32.8                    |
| 1899-1900.....                      | 209,342,273 | 88,506,389       | 40.7                    | 101,940,352 | 73,237,040       | 72.2                    | 41,309,205 | 12,547,440       | 30.2                    |
| 1900-1901.....                      | 177,817,965 | 82,827,883       | 46.4                    | 132,096,667 | 96,711,743       | 73.3                    | 37,046,812 | 11,765,330       | 31.8                    |
| 1901-1902.....                      | 25,836,552  | 16,185,673       | 68.4                    | 154,856,102 | 117,875,222      | 73.2                    | 9,971,139  | 4,138,233        | 41.9                    |

## The Cotton Supply.

## CROP OF THE UNITED STATES FOR SEVENTY-THREE YEARS.

The following statements are furnished by the New York "Commercial and Financial Chronicle."

| YEAR.     | Bales.    | YEAR.     | Bales.    | YEAR.     | Bales.    | YEAR.     | Bales.     |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| 1829..... | 870,415   | 1847..... | 1,778,651 | 1868..... | 2,593,993 | 1886..... | 6,550,215  |
| 1830..... | 976,845   | 1848..... | 2,347,634 | 1869..... | 2,439,039 | 1887..... | 6,513,624  |
| 1831..... | 1,038,848 | 1849..... | 2,728,596 | 1870..... | 3,154,946 | 1888..... | 7,017,707  |
| 1832..... | 987,487   | 1850..... | 2,096,706 | 1871..... | 4,352,317 | 1889..... | 6,935,082  |
| 1833..... | 1,070,438 | 1851..... | 2,355,257 | 1872..... | 2,974,351 | 1890..... | 7,313,726  |
| 1834..... | 1,205,324 | 1852..... | 3,015,029 | 1873..... | 3,930,508 | 1891..... | 8,655,518  |
| 1835..... | 1,254,328 | 1853..... | 3,262,882 | 1874..... | 4,170,388 | 1892..... | 9,038,707  |
| 1836..... | 1,360,752 | 1854..... | 2,930,027 | 1875..... | 3,832,991 | 1893..... | 6,717,142  |
| 1837..... | 1,422,930 | 1855..... | 2,847,339 | 1876..... | 4,669,288 | 1894..... | 7,577,211  |
| 1838..... | 1,801,497 | 1856..... | 3,527,845 | 1877..... | 4,485,423 | 1895..... | 9,892,766  |
| 1839..... | 1,360,532 | 1857..... | 2,939,519 | 1878..... | 4,811,265 | 1896..... | 7,162,473  |
| 1840..... | 2,177,835 | 1858..... | 3,113,962 | 1879..... | 5,073,531 | 1897..... | 8,714,011  |
| 1841..... | 1,634,945 | 1859..... | 3,851,481 | 1880..... | 5,757,397 | 1898..... | 11,180,960 |
| 1842..... | 1,683,574 | 1860..... | 4,669,770 | 1881..... | 6,589,329 | 1899..... | 11,235,383 |
| 1843..... | 2,378,875 | 1861..... | 3,656,006 | 1882..... | 5,435,845 | 1900..... | 9,439,559  |
| 1844..... | 2,030,409 | 1862-1865 | No record | 1883..... | 6,992,234 | 1901..... | 10,425,141 |
| 1845..... | 2,394,503 | 1866..... | 2,193,987 | 1884..... | 5,714,052 | 1902..... | 10,701,453 |
| 1846..... | 2,100,537 | 1867..... | 2,019,774 | 1885..... | 5,669,021 |           |            |

The returns are for the years ending September 1. The average net weight, per bale, for 1902 is 487 pounds.

## EXPORTS AND DOMESTIC CONSUMPTION OF AMERICAN COTTON.

|                                         | 1901-1902. | 1900-1901  | 1899-1900. | 1898-99    | 1897-98.   | 1896-97.  | 1895-96.  | 1894-95.  |
|-----------------------------------------|------------|------------|------------|------------|------------|-----------|-----------|-----------|
|                                         | Bales.     | Bales.     | Bales.     | Bales.     | Bales.     | Bales.    | Bales.    | Bales.    |
| Export to Europe.....                   | 6,440,787  | 6,415,477  | 5,606,996  | 7,146,009  | 7,270,898  | 5,874,922 | 4,565,014 | 6,630,272 |
| Consumption, U. S.,<br>Canada, etc..... | 4,539,018  | 4,071,030  | 4,468,217  | 4,030,448  | 3,459,136  | 3,057,395 | 2,843,708 | 3,081,825 |
| Total.....                              | 10,979,805 | 10,486,507 | 10,075,213 | 11,176,457 | 10,730,034 | 8,932,317 | 7,408,722 | 9,712,157 |

## COTTON CONSUMPTION OF THE WORLD.

|                | Great Britain. | Continent. | United States. | India.    | All Others. | Total World. |
|----------------|----------------|------------|----------------|-----------|-------------|--------------|
| 1887-88.....   | 3,073,000      | 3,037,000  | 2,024,000      | 617,000   |             | 8,751,000    |
| 1888-89.....   | 3,016,000      | 3,256,000  | 2,148,000      | 697,000   |             | 9,117,000    |
| 1889-90.....   | 3,227,000      | 3,432,000  | 2,185,000      | 791,000   |             | 9,635,000    |
| 1890-91.....   | 3,384,000      | 3,631,000  | 2,367,000      | 924,000   | 150,000     | 10,456,000   |
| 1891-92.....   | 3,181,000      | 3,640,000  | 2,576,000      | 914,000   | 160,000     | 10,471,000   |
| 1892-93.....   | 2,866,000      | 3,692,000  | 2,551,000      | 918,000   | 220,000     | 10,247,000   |
| 1893-94.....   | 3,233,000      | 3,848,000  | 2,264,000      | 959,000   | 250,000     | 10,554,000   |
| 1894-95.....   | 3,250,000      | 4,030,000  | 2,743,000      | 1,074,000 | 300,000     | 11,397,000   |
| 1895-96.....   | 3,276,000      | 4,160,000  | 2,572,000      | 1,105,000 | 419,000     | 11,532,000   |
| 1896-97.....   | 3,224,000      | 4,368,000  | 2,738,000      | 1,004,000 | 546,000     | 11,880,000   |
| 1897-98.....   | 3,432,000      | 4,628,000  | 2,962,000      | 1,141,000 | 726,000     | 12,889,000   |
| 1898-99.....   | 3,519,000      | 4,784,000  | 3,553,000      | 1,314,000 | 845,000     | 14,015,000   |
| 1899-1900..... | 3,334,000      | 4,576,000  | 3,856,000      | 1,140,000 | 867,000     | 13,773,000   |
| 1900-1901..... | 3,269,000      | 4,576,000  | 3,727,000      | 1,060,000 | 784,000     | 13,416,000   |
| 1901-1902..... | 3,253,000      | 4,784,000  | 4,037,000      | 1,004,000 | 908,000     | 13,986,000   |

NOTE.—The above does not include American cotton consumed in Canada, Mexico, and burnt.

## SOURCES OF COTTON SUPPLY, 1900-1901.

The following shows the actual requirements in 1900-1901 and the estimate of Ellison & Co. for 1902-1903:

|                       | 1902-1903.             | 1901-1902.          | 1900-1901.          | 1899-1900.          | 1898-99.            |
|-----------------------|------------------------|---------------------|---------------------|---------------------|---------------------|
|                       | Total Estimated Bales. | Total Actual Bales. | Total Actual Bales. | Total Actual Bales. | Total Actual Bales. |
| America.....          | 10,800,000             | 10,679,000          | 10,286,000          | 10,990,000          | 10,677,000          |
| East Indies.....      | 850,000                | 758,000             | 850,000             | 375,000             | 800,000             |
| Other countries.....  | 1,200,000              | 1,270,000           | 832,000             | 1,750,000           | 866,000             |
| Total.....            | 12,850,000             | 12,707,000          | 11,968,000          | 12,455,000          | 12,343,000          |
| Average weight.....   | 486.4                  | 486.5               | 490.1               | 489.3               | 494.2               |
| Bales of 500 lbs..... | 12,500,000             | 12,365,000          | 11,731,000          | 12,188,000          | 12,200,000          |

## SPINDLES IN OPERATION.

|                    | 1902.       | 1901.       | 1900.       | 1899.       | 1898.      | 1897.      |
|--------------------|-------------|-------------|-------------|-------------|------------|------------|
| Great Britain..... | 47,000,000  | 46,100,000  | 45,600,000  | 45,400,000  | 44,900,000 | 44,900,000 |
| Continent.....     | 33,900,000  | 33,350,000  | 33,000,000  | 32,500,000  | 31,350,000 | 30,320,000 |
| United States..... | 21,559,000  | 20,870,000  | 19,008,000  | 18,278,000  | 17,570,000 | 17,356,000 |
| East Indies.....   | 5,200,000   | 5,007,000   | 4,916,000   | 4,728,000   | 4,260,000  | 4,000,000  |
| Total.....         | 107,659,000 | 105,327,000 | 102,524,000 | 100,906,000 | 98,080,000 | 96,576,000 |

THE COTTON SUPPLY—(continued).

THE COTTON CROP OF THE UNITED STATES BY STATES.

The returns from 1894-95 to 1900-01 inclusive are by the *Commercial and Financial Chronicle*; for 1899-1900 the estimate was by the Cotton States Convention of Commissioners of Agriculture.

| STATES.             | 1894-95.  | 1895-96.  | 1896-97.  | 1897-98.   | 1898-99.   | 1899-1900. | 1900-01.   |
|---------------------|-----------|-----------|-----------|------------|------------|------------|------------|
|                     | Bales.    | Bales.    | Bales.    | Bales.     | Bales.     | Bales.     | Bales.     |
| North Carolina..... | 465,000   | 350,000   | 400,000   | 476,000    | 480,000    | 400,000    | 425,000    |
| South Carolina..... | 770,000   | 670,000   | 776,000   | 956,000    | 960,000    | 874,000    | 802,000    |
| Georgia.....        | 1,250,000 | 1,060,000 | 1,300,000 | 1,445,000  | 1,448,000  | 1,226,000  | 1,196,000  |
| Florida.....        | 65,000    | 50,000    | 65,000    | 65,000     | 54,000     | 57,000     | 55,000     |
| Alabama.....        | 1,000,000 | 819,000   | 996,000   | 1,147,000  | 1,161,000  | 1,136,000  | 1,078,000  |
| Mississippi.....    | 1,220,000 | 900,000   | 1,110,000 | 1,808,000  | 1,776,000  | 1,349,000  | 1,115,000  |
| Louisiana.....      | 650,000   | 375,000   | 547,000   | 660,000    | 577,000    | 651,000    | 698,000    |
| Texas.....          | 2,994,000 | 1,900,000 | 2,229,000 | 3,008,000  | 3,143,000  | 2,575,000  | 3,550,000  |
| Arkansas.....       | 875,000   | 630,000   | 771,000   | 905,000    | 921,000    | 665,000    | 819,000    |
| Tennessee.....      | 400,000   | 260,000   | 337,000   | 360,000    | 381,000    | 240,000    | 275,000    |
| All others.....     | 203,000   | 157,000   | 183,000   | 351,000    | 334,000    | 267,000    | 412,000    |
| Total crop.....     | 9,892,000 | 7,162,000 | 8,714,000 | 11,181,000 | 11,235,000 | 9,440,000  | 10,425,000 |

Sugar Production.

MULHALL gives the following estimates of the production of cane and beet sugar in the world in English tons from 1840 to 1898; and Willett & Gray, New York, for the following years:

| YEARS. | Cane.     |         |           | Beet.  |           |           | YEARS.    | Cane.  |           |           | Beet.      |       |        |
|--------|-----------|---------|-----------|--------|-----------|-----------|-----------|--------|-----------|-----------|------------|-------|--------|
|        | Tons.     | Tons.   | Total.    | Tons.  | Tons.     | Total.    |           | Tons.  | Tons.     | Total.    | Tons.      | Tons. | Total. |
| 1840.. | 1,100,000 | 50,000  | 1,150,000 | 1880.. | 1,860,000 | 1,810,000 | 3,670,000 | 1900.. | 2,839,500 | 5,608,544 | 8,448,044  |       |        |
| 1850.. | 1,200,000 | 200,000 | 1,400,000 | 1890.. | 2,580,000 | 2,780,000 | 5,360,000 | 1901.. | 3,488,965 | 6,145,853 | 9,634,818  |       |        |
| 1860.. | 1,830,000 | 400,000 | 2,230,000 | 1897.. | 2,430,000 | 4,780,000 | 7,210,000 | 1902.. | 3,870,516 | 7,006,164 | 10,876,680 |       |        |
| 1870.. | 1,850,000 | 900,000 | 2,750,000 | 1898.. | 2,850,000 | 4,650,000 | 7,500,000 |        |           |           |            |       |        |

The following was the production of sugar in 1901-1902 by principal sugar-growing countries, in tons of 2,240 pounds:

| COUNTRIES.                | Cane Sugar. |        | COUNTRIES.       | Cane Sugar. |        | COUNTRIES.         | Beet Sugar. |        |
|---------------------------|-------------|--------|------------------|-------------|--------|--------------------|-------------|--------|
|                           | Tons.       | Total. |                  | Tons.       | Total. |                    | Tons.       | Total. |
| Louisiana.....            | 310,000     |        | Java.....        | 767,130     |        | United States..... | 163,126     |        |
| Porto Rico.....           | 85,000      |        | Hawaii.....      | 305,000     |        | Germany.....       | 2,299,408   |        |
| Cuba.....                 | 840,000     |        | Queensland.....  | 120,858     |        | Austria.....       | 1,302,038   |        |
| British West Indies.....  | 143,000     |        | Mauritius.....   | 147,828     |        | France.....        | 1,183,420   |        |
| Hayti and S. Domingo..... | 45,000      |        | Danmark.....     | 105,000     |        | Russia.....        | 1,110,000   |        |
| Peru.....                 | 105,000     |        | Argentina.....   | 135,000     |        | Belgium.....       | 345,000     |        |
| Brazil.....               | 215,000     |        | Philippines..... | 94,000      |        | Holland.....       | 203,172     |        |

The report on cane sugar and United States beet sugar is by Willett & Gray; that on European beet sugar by Licht.

SUGAR CONSUMED IN THE UNITED STATES, VARIOUS YEARS FROM 1890 TO 1901.

(Prepared by the Bureau of Statistics of the Treasury Department.)

| CALENDAR YEAR. | DOMESTIC PRODUCT.                  |                                      |         |        |         |                    |           |                         |
|----------------|------------------------------------|--------------------------------------|---------|--------|---------|--------------------|-----------|-------------------------|
|                | Refined Product of Imported Sugar. | Manufactured from Imported Molasses. | Cane.   | Maple. | Beet.   | Sorghum and Other. | Total.    | Consumption per Capita. |
|                | Tons.                              | Tons.                                | Tons.   | Tons.  | Tons.   | Tons.              | Tons.     | Pounds.                 |
| 1890.....      | 1,257,292                          | 53,282                               | 136,503 | 25,000 | 2,800   | 1,500              | 1,476,377 | 52.8                    |
| 1895.....      | 1,572,438                          | 15,000                               | 324,506 | 7,500  | 30,000  | 300                | 1,949,744 | 63.4                    |
| 1896.....      | 1,670,963                          | 608                                  | 343,220 | 5,000  | 40,000  | 300                | 1,960,086 | 62.5                    |
| 1897.....      | 1,715,607                          | 150                                  | 340,337 | 5,000  | 29,854  | ...                | 2,070,378 | 64.3                    |
| 1898.....      | 1,708,937                          | 1,700                                | 352,812 | 5,000  | 34,453  | ...                | 2,062,902 | 61.5                    |
| 1899.....      | 1,844,642                          | 5,200                                | 160,400 | 5,000  | 62,236  | ...                | 2,078,068 | 62.5                    |
| 1900.....      | 1,950,014                          | 7,647                                | 174,450 | 5,000  | 82,736  | ...                | 2,199,843 | 65.2                    |
| 1901*.....     | 1,932,330                          | 17,977                               | 292,150 | 5,000  | 124,859 | ...                | 2,372,316 | 64.4                    |

\* Included 300,070 tons Hawaiian, 66,279 Porto Rican, and 5,100 Philippine.

Irrigation Statistics.

CENSUS OF 1900.

| ARID STATES AND TERRITORIES. | Number Irrigators. | ACREAGE OF IRRIGATION. |             | VALUE OF IRRIGATED CROPS, 1899. |                 |              |             |                 | Cost of Construction of Irrigation Systems. |
|------------------------------|--------------------|------------------------|-------------|---------------------------------|-----------------|--------------|-------------|-----------------|---------------------------------------------|
|                              |                    | From Streams.          | From Wells. | Total.                          | Hay and Forage. | Cereals.     | Vegetables. | Orchard Fruits. |                                             |
|                              |                    |                        |             |                                 |                 |              |             |                 |                                             |
| Arizona.....                 | 2,981              | 184,422                | 974         | \$2,250,819                     | \$1,269,859     | \$619,763    | \$153,541   | \$96,764        | \$1,438,252                                 |
| California.....              | 25,811             | 1,293,366              | 152,506     | 32,975,261                      | 6,231,389       | 1,831,868    | 3,280,756   | 7,305,400       | 19,181,610                                  |
| Colorado.....                | 17,613             | 1,604,213              | 7,058       | 15,100,690                      | 7,427,861       | 4,340,865    | 2,515,829   | 368,660         | 11,758,703                                  |
| Idaho.....                   | 8,987              | 602,324                | 944         | 5,440,962                       | 3,219,156       | 1,275,588    | 544,814     | 291,007         | 5,120,399                                   |
| Montana.....                 | 8,043              | 951,154                | ...         | 7,281,567                       | 4,338,311       | 1,991,741    | 775,289     | 55,383          | 4,683,073                                   |
| Nevada.....                  | 1,906              | 504,034                | 134         | 2,853,149                       | 2,053,859       | 468,367      | 299,203     | 10,433          | 1,837,569                                   |
| New Mexico.....              | 7,884              | 202,889                | 1,004       | 2,757,107                       | 1,458,866       | 834,455      | 311,412     | 187,386         | 4,165,312                                   |
| Oregon.....                  | 4,336              | 388,111                | 199         | 3,062,226                       | 2,030,729       | 438,812      | 280,337     | 91,971          | 1,848,757                                   |
| Utah.....                    | 17,924             | 624,186                | 5,107       | 7,462,370                       | 3,654,114       | 1,940,012    | 840,814     | 261,185         | 5,865,302                                   |
| Washington.....              | 3,613              | 133,698                | 1,772       | 2,361,338                       | 1,014,438       | 927,171      | 427,385     | 351,015         | 1,722,369                                   |
| Wyoming.....                 | 3,721              | 605,232                | 646         | 2,890,349                       | 2,238,384       | 419,564      | 198,576     | 1,238           | 8,973,165                                   |
| Total.....                   | 102,819            | 7,093,629              | 169,644     | \$94,433,438                    | \$34,834,956    | \$14,338,396 | \$9,697,491 | \$3,990,409     | \$64,289,601                                |

Statistics of Wool in the United States.

| FISCAL YEAR.  | Total Imports.      | Exports, Domestic and Foreign. | NET IMPORTS.       |                    | Production.         | Retained for Consumption. | FINE WOOL.                |                      |
|---------------|---------------------|--------------------------------|--------------------|--------------------|---------------------|---------------------------|---------------------------|----------------------|
|               |                     |                                | Classes I. and II. | Class III.         |                     |                           | Retained for Consumption. | Per Cent of Foreign. |
| 1890-91....   | Pounds. 129,303,648 | Pounds. 2,980,045              | Pounds. 36,783,501 | Pounds. 89,882,024 | Pounds. 509,474,856 | Pounds. 435,848,459       | Pounds. 345,966,435       | 10.63                |
| 1891-92....   | 148,670,652         | 3,210,019                      | 55,350,167         | 92,312,922         | 307,101,507         | 452,562,140               | 360,249,218               | 14.81                |
| 1892-93....   | 172,433,838         | 4,410,446                      | 46,189,082         | 122,026,119        | 333,018,405         | 501,141,748               | 379,115,629               | 12.18                |
| 1893-94....   | 55,152,585          | 6,491,064                      | 7,167,380          | 42,007,798         | 348,538,138         | 397,193,069               | 355,188,271               | 2.02                 |
| 1894-95....   | 206,081,890         | 6,622,190                      | 98,388,318         | 105,402,507        | 325,210,712         | 524,722,428               | 419,319,921               | 23.46                |
| 1895-96....   | 230,911,473         | 12,972,217                     | 126,966,355        | 97,918,882         | 294,296,726         | 512,235,982               | 414,317,100               | 30.64                |
| 1896-97....   | 350,852,026         | 8,700,598                      | 225,282,735        | 112,141,457        | 272,474,708         | 614,627,365               | 502,485,908               | 46.84                |
| 1897-98....   | 132,795,302         | 2,625,971                      | 47,480,033         | 82,810,437         | 259,153,251         | 389,322,582               | 306,512,145               | 15.50                |
| 1898-99....   | 76,739,209          | 14,095,335                     | 3,349,870          | 60,947,423         | 266,730,674         | 329,361,558               | 268,387,135               | 1.25                 |
| 1899-1900.... | 155,918,455         | 7,912,557                      | 44,680,424         | 105,525,763        | 273,191,530         | 420,197,228               | 314,671,445               | 14.20                |
| 1900-01....   | 103,583,505         | 3,790,067                      | 32,865,844         | 67,127,159         | 285,636,621         | 388,430,059               | 321,502,465               | 10.1                 |
| 1901-02....   |                     |                                |                    |                    | 302,502,328         |                           |                           | ....                 |

The above table and the table following were compiled by the National Association of Wool Manufacturers, Boston, Mass., S. N. D. North, Secretary.

THE WORLD'S PRODUCTION OF WOOL IN 1901.

Of the world's wool production 2,118,884,704 pounds are of classes one and two, washed and unwashed, and 581,000,000 pounds of class three of the American tariff classification.

| COUNTRIES.                        | Pounds.     | COUNTRIES.                       | Pounds.     | COUNTRIES.           | Pounds.       |
|-----------------------------------|-------------|----------------------------------|-------------|----------------------|---------------|
| North America:                    |             | Europe:                          |             | Asia—Continued:      |               |
| United States.....                | 302,502,328 | Great Britain and Ireland*.....  | 141,146,376 | Asiatic Turkey.....  | 33,000,000    |
| British Provinces....             | 12,000,000  | France.....                      | 103,610,000 | China.....           | 35,000,000    |
| Mexico.....                       | 5,000,000   | Spain.....                       | 102,600,000 | All other Asia.....  | 15,000,000    |
| Total.....                        | 319,502,328 | Portugal.....                    | 13,410,000  | Total.....           | 274,000,000   |
|                                   |             | Germany.....                     | 49,590,000  |                      |               |
| Central America and West Indies.. | 5,000,000   | Italy*.....                      | 21,451,000  | Africa:              |               |
| South America:                    |             | Austria-Hungary..                | 64,300,000  | Algeria and Tunis..  | 30,425,000    |
| Argentina.....                    | 370,000,000 | Russia, inc. Poland,             | 361,100,000 | Cape Colony, Natal,  |               |
| Brazil.....                       | 1,500,000   | Sweden & Norway..                | 8,200,000   | Orange Free State..  | 100,000,000   |
| Chile.....                        | 7,500,000   | Turkey and Balkan Peninsula..... | 67,500,000  | Egypt.....           | 3,000,000     |
| Uruguay.....                      | 96,000,000  | All other Europe..               | 14,000,000  | All other Africa.... | 1,000,000     |
| Venezuela.....                    | 15,000,000  | Total.....                       | 946,907,376 | Total.....           | 134,425,000   |
| All other South America.....      | 20,000,000  | Asia:                            |             | Australasia.....     | 510,000,000   |
| Total.....                        | 510,000,000 | Russia.....                      | 60,000,000  | Oceania.....         | 50,000,000    |
|                                   |             | Central Asia.....                | 46,000,000  | Grand total.....     | 2,699,884,704 |
|                                   |             | British India.....               | 85,000,000  |                      |               |

\* Fleece washed. Great Britain and Ireland, product of 1900.

† Washed and unwashed.

Dairy Products.

The following table, prepared by the Department of Agriculture, gives approximately an exhibit of the quantity and value of the dairy products of the United States in the year 1899:

| Cows.      | Product.    | Rate of Product per Cow. | Total Product.         | Rate of Value. | Total Value.  |
|------------|-------------|--------------------------|------------------------|----------------|---------------|
| 11,009,000 | Butter..... | 130 pounds.              | 1,430,000,000 pounds.  | 18 cents.      | \$257,400,000 |
| 1,000,000  | Cheese..... | 300 pounds.              | 300,000,000 pounds.    | 9 cents.       | 27,000,000    |
| 5,500,000  | Milk.....   | 380 gallons.             | 2,090,000,000 gallons. | 8 cents.       | 167,200,000   |

This gives the grand total of the dairy products of the country a value of \$451,600,000. If to this be added the skim milk, butter-milk, and whey, at their proper feeding value, and the calves dropped yearly, the annual aggregate value of the product of the dairy cows exceeds \$500,000,000.

The exports of butter, fiscal year ending June 30, 1902, were: United Kingdom, pounds, 10,333,007; value, \$1,924,408. Germany, pounds, 206,582; value, \$32,080. British North America, pounds, 696,067; value, \$140,545. Cuba, pounds, 140,428; value, \$30,526. Brazil, pounds, 1,311,313; value, \$164,407. Total exports, pounds, 16,002,169; value, \$2,885,609.

The exports of cheese, fiscal year ending June 30, 1902, were: United Kingdom, pounds, 25,107,421; value, \$2,483,701. Germany, pounds, 4,235; value, \$421. Central American States, pounds, 354,889; value, \$44,719. West Indies, pounds, 1,124,347; value, \$102,840. Total exports, pounds, 27,203,184; value, \$2,745,597.

Farm Statistics.

(CENSUS OF 1900.)

The following agricultural statistics of the United States are for June 1, 1900:

|                                        |                  |                                                      |                 |
|----------------------------------------|------------------|------------------------------------------------------|-----------------|
| Farms, total number.....               | 5,739,657        | Value of products in 1899.....                       | \$4,739,118,752 |
| Farms with buildings.....              | 5,537,731        | Value of products fed to live stock in 1899.....     | 974,641,046     |
| Acres, total.....                      | 841,201,546      | Value of products not fed to live stock in 1899..... | 3,764,177,706   |
| Acres, improved.....                   | 414,793,191      | Expenditures in 1899 for labor.....                  | 365,305,921     |
| Acres, unimproved.....                 | 426,408,355      | Expenditures in 1899 for fertilizers.....            | 54,783,757      |
| Value of farm property.....            | \$20,514,091,838 | Number of farms operated by owners.....              | 5,713,371       |
| Value of land and improvements.....    | 13,114,493,036   | Number of farms operated by cash tenants.....        | 752,320         |
| Value of buildings.....                | 3,660,198,191    | Number of farms operated by share tenants.....       | 1,273,366       |
| Value of implements and machinery..... | 751,961,510      | Number of farms operated by white persons.....       | 4,970,129       |
| Value of live stock.....               | 2,078,050,041    | Number of farms operated by negroes.....             | 746,711         |

# Production of Liquors and Wines in the United States.

## PRODUCTION OF FERMENTED LIQUORS AND DISTILLED SPIRITS.

| YEAR ENDING JUNE 30. | Fermented Liquors. | Production of Distilled Spirits, Exclusive of Brandy Distilled from Fruit. |              |            |            |           |                       | Production of Fruit Brandy.† | Total Production of Distilled Spirits.‡ |
|----------------------|--------------------|----------------------------------------------------------------------------|--------------|------------|------------|-----------|-----------------------|------------------------------|-----------------------------------------|
|                      |                    | Bourbon Whiskey.                                                           | Rye Whiskey. | Alcohol.   | Rum.       | Gin.      | Pure Neutral Spirits. |                              |                                         |
|                      |                    | Gallons.                                                                   | Gallons.     | Gallons.   | Gallons.   | Gallons.  | Gallons.              |                              |                                         |
| 1883.....            | Barrels.*          | 8,662,245                                                                  | 4,784,654    | 10,718,706 | 1,801,960  | 545,768   | 28,295,253            | 1,881,902                    | 75,294,510                              |
| 1884.....            |                    | 8,896,832                                                                  | 5,089,958    | 12,385,229 | 1,711,158  | 641,724   | 28,538,680            | 1,095,428                    | 76,531,187                              |
| 1885.....            |                    | 12,277,750                                                                 | 5,328,043    | 13,436,916 | 2,081,165  | 639,461   | 27,104,332            | 1,489,711                    | 76,405,074                              |
| 1886.....            |                    | 19,318,819                                                                 | 7,642,540    | 11,247,877 | 1,799,952  | 656,607   | 26,538,581            | 1,604,830                    | 81,849,260                              |
| 1887.....            |                    | 17,015,034                                                                 | 7,815,640    | 10,327,035 | 1,857,223  | 747,925   | 27,066,519            | 1,601,847                    | 79,433,446                              |
| 1888.....            |                    | 14,850,219                                                                 | 7,463,609    | 11,075,639 | 1,891,246  | 872,960   | 29,475,913            | 1,408,782                    | 71,688,188                              |
| 1889.....            |                    | 21,960,784                                                                 | 8,749,768    | 10,939,135 | 1,471,054  | 1,029,968 | 30,439,354            | 1,775,040                    | 91,133,550                              |
| 1890.....            |                    | 32,474,784                                                                 | 13,355,577   | 11,354,448 | 1,657,808  | 1,202,940 | 34,022,619            | 1,825,510                    | 111,101,738                             |
| 1891.....            |                    | 29,931,415                                                                 | 14,245,389   | 12,260,821 | 1,784,312  | 1,293,874 | 35,356,126            | 1,804,712                    | 117,767,101                             |
| 1892.....            |                    | 31,856,626                                                                 | 29,017,797   | 13,436,827 | 1,490,987  | 1,956,318 | 37,690,335            | 3,667,465                    | 118,436,506                             |
| 1893.....            |                    | 34,591,179                                                                 | 40,835,873   | 16,762,240 | 1,250,380  | 2,106,765 | 44,944,490            | 37,577,052                   | 131,001,330                             |
| 1894.....            |                    | 33,362,373                                                                 | 15,518,349   | 10,028,544 | 1,070,070  | 1,864,595 | 42,287,977            | 2,918,158                    | 92,153,560                              |
| 1895.....            |                    | 33,589,754                                                                 | 18,717,153   | 12,241,543 | 8,819,923  | 1,777,083 | 41,776,669            | 21,564,238                   | 1,060,176                               |
| 1896.....            |                    | 35,859,250                                                                 | 16,935,862   | 9,155,006  | 9,980,301  | 1,490,288 | 40,836,376            | 25,564,738                   | 3,403,332                               |
| 1897.....            |                    | 34,462,822                                                                 | 6,113,736    | 4,269,220  | 9,903,353  | 1,284,157 | 41,586,314            | 16,877,306                   | 1,813,427                               |
| 1898.....            |                    | 37,599,339                                                                 | 13,439,459   | 8,818,240  | 11,672,795 | 1,340,547 | 42,667,500            | 20,613,305                   | 9,206,168                               |
| 1899.....            |                    | 36,697,634                                                                 | 17,256,231   | 10,792,565 | 11,974,354 | 1,494,379 | 43,968,283            | 25,474,229                   | 3,067,769                               |
| 1900.....            |                    | 39,471,593                                                                 | 19,411,829   | 14,296,568 | 10,735,771 | 1,614,514 | 45,987,081            | 24,173,671                   | 3,760,487                               |
| 1901.....            |                    | 40,614,258                                                                 | 26,209,804   | 18,263,709 | 10,775,117 | 1,724,582 | 48,636,200            | 30,228,804                   | 4,047,602                               |

\*Of not more than 31 gallons. †Including apple, peach, and grape. ‡Including also high wines and miscellaneous spirits.

The production of wines in the United States in 1900 was 24,306,905 gallons, of which California produced 14,650,000, New York 2,528,250, and Ohio 1,934,838 gallons.

### MALT LIQUORS.

The brewers of the United States, according to *The Brewer's Journal*, sold in the revenue year ending June 30, 1900, 39,330,844 barrels of malt liquors. The sales in the largest cities in the United States in the year ending June 30, 1897, were as follows, in barrels: New York City, 4,639,682; Chicago, 2,744,375; Milwaukee, 2,078,376; St. Louis, 2,026,407; Philadelphia, 1,902,351; Brooklyn, 1,908,423; Cincinnati, 1,114,243; Newark, 1,199,979; Boston, 1,237,107. By States the largest sales in the same period were: New York, 9,490,132; Pennsylvania, 3,902,280; Illinois, 3,244,896; Wisconsin, 2,662,019.

## Importation of Spirits, Malt Liquors, and Wines

### INTO THE UNITED STATES, IN QUANTITIES.

|                                                                            | 1899.     | 1900.     | 1901.     | 1902.     |
|----------------------------------------------------------------------------|-----------|-----------|-----------|-----------|
| Malt Liquors, in bottles or jugs, gallons.....                             | 918,562   | 1,081,818 | 1,151,891 | 1,190,406 |
| " " " " not in bottles or jugs, gallons.....                               | 1,928,672 | 2,228,502 | 2,447,555 | 2,553,105 |
| Spirits, Distilled and Spirituous Compounds, Brandy, proof gallons.....    | 219,968   | 244,100   | 290,301   | 316,311   |
| Spirits, Distilled and Spirituous Compounds, all other, proof gallons..... | 1,227,334 | 1,550,796 | 1,712,156 | 1,909,812 |
| Spirits, domestic manufacture, returned, gallons.....                      | 998,173   | 687,024   | 875,099   | 805,212   |
| Wines, still wines in casks, gallons.....                                  | 2,253,236 | 2,533,828 | 2,785,580 | 3,300,026 |
| " " " " still wines in bottles, dozen.....                                 | 274,873   | 315,920   | 373,832   | 397,818   |
| " " " " Champagne and other sparkling, dozen.....                          | 262,371   | 210,149   | 311,078   | 335,256   |

### VALUES.

|                                       |             |             |             |             |
|---------------------------------------|-------------|-------------|-------------|-------------|
| Malt Liquors.....                     | \$1,487,878 | \$1,727,256 | \$1,885,215 | \$1,880,348 |
| Spirits, Distilled and Compounds..... | 3,145,079   | 3,609,831   | 4,162,139   | 4,445,154   |
| Wines.....                            | 6,590,206   | 7,421,495   | 8,219,236   | 8,492,138   |

## Consumption of Spirits, Malt Liquors, and Wines

### IN THE UNITED STATES, IN GALLONS.

| YEAR ENDING JUNE 30. | DISTILLED SPIRITS CONSUMED. |             |                   | WINES CONSUMED. |                 | MALT LIQUORS CONSUMED. |                        | Total Consumption. |
|----------------------|-----------------------------|-------------|-------------------|-----------------|-----------------|------------------------|------------------------|--------------------|
|                      | Domestic Spirits.           |             | Imported Spirits. | Domestic Wines. | Imported Wines. | Domestic Malt Liquors. | Imported Malt Liquors. |                    |
|                      | From Fruit.                 | All Other.  |                   |                 |                 |                        |                        |                    |
| 1885.....            | 1,463,775                   | 67,689,250  | 1,442,067         | 17,404,698      | 4,495,759       | 594,063,095            | 2,068,771              | 688,632,415        |
| 1886.....            | 1,555,494                   | 69,295,361  | 1,410,259         | 20,866,393      | 4,700,827       | 640,746,282            | 2,321,432              | 740,736,554        |
| 1887.....            | 1,211,532                   | 68,365,504  | 1,467,897         | 27,706,771      | 4,618,290       | 715,446,058            | 2,302,816              | 821,138,648        |
| 1888.....            | 883,107                     | 73,313,379  | 1,643,966         | 31,680,523      | 4,654,545       | 765,088,289            | 2,500,267              | 879,767,476        |
| 1889.....            | 1,294,858                   | 77,802,431  | 1,515,817         | 29,610,104      | 4,534,373       | 777,420,207            | 2,477,219              | 894,655,061        |
| 1890.....            | 1,508,130                   | 84,760,240  | 1,561,192         | 23,886,108      | 5,060,873       | 853,075,734            | 2,716,601              | 922,518,878        |
| 1891.....            | 1,219,436                   | 83,355,483  | 1,602,846         | 23,736,232      | 5,297,560       | 974,427,863            | 3,051,898              | 1,097,617,118      |
| 1892.....            | 1,961,062                   | 95,187,385  | 1,179,671         | 23,033,493      | 5,434,367       | 994,515,414            | 2,980,809              | 1,114,392,201      |
| 1893.....            | 1,687,541                   | 98,202,790  | 1,307,422         | 26,391,255      | 5,596,584       | 1,071,183,827          | 3,562,508              | 1,207,751,908      |
| 1894.....            | 1,430,553                   | 88,046,771  | 1,063,885         | 18,040,385      | 3,252,739       | 1,033,378,273          | 2,940,949              | 1,148,153,556      |
| 1895.....            | 1,102,703                   | 75,928,928  | 1,496,860         | 16,882,657      | 3,054,322       | 1,040,239,039          | 3,033,067              | 1,140,764,716      |
| 1896.....            | 1,440,513                   | 68,069,563  | 1,541,504         | 14,569,757      | 4,101,649       | 1,077,325,654          | 3,300,531              | 1,170,379,448      |
| 1897.....            | 1,416,131                   | 69,769,991  | 2,220,711         | 33,940,319      | 4,647,988       | 1,069,307,704          | 3,002,538              | 1,181,065,462      |
| 1898.....            | 1,411,448                   | 79,207,887  | 916,549           | 17,453,884      | 3,115,633       | 1,161,709,114          | 2,457,244              | 1,266,281,366      |
| 1899.....            | 1,306,218                   | 84,614,652  | 1,389,558         | 22,803,587      | 3,525,109       | 1,132,723,202          | 2,797,427              | 1,249,164,396      |
| 1900.....            | 1,386,261                   | 94,156,023  | 1,705,998         | 26,432,491      | 3,938,000       | 1,218,138,252          | 3,516,905              | 1,349,176,633      |
| 1901.....            | 1,078,389                   | 100,066,821 | 1,941,629         | 24,002,439      | 4,788,710       | 1,254,653,009          | 3,596,382              | 1,390,127,079      |

## Wine Production of the World.

The following table shows estimates of wine production by the principal wine-producing countries of the world in 1891 and 1897, the authority for the first estimate being Consul Chanceller, of Havre, in the United States Consular report for September, 1896; the second by the French publication the *Moniteur Vinicole*:

| COUNTRIES.           | Chancellor,<br>1891. | Moniteur<br>Vinicole,<br>1897. | COUNTRIES.         | Chancellor,<br>1891. | Moniteur<br>Vinicole,<br>1897. |
|----------------------|----------------------|--------------------------------|--------------------|----------------------|--------------------------------|
|                      | Gallons.             | Gallons.                       |                    | Gallons.             | Gallons.                       |
| Italy.....           | 923,250,000          | 685,836,780                    | Turkey.....        | 73,000,000           | 49,556,000                     |
| Spain.....           | 897,654,000          | 519,338,000                    | Bulgaria.....      | 70,000,000           | 28,797,800                     |
| France.....          | 789,425,000          | 854,713,420                    | Greece.....        | 38,000,000           | 31,704,000                     |
| Portugal.....        | 115,300,000          | 66,050,000                     | United States..... | 23,724,000           | 30,303,740                     |
| Austria-Hungary..... | 98,000,000           | 81,260,000                     | Germany.....       | 13,500,000           | 55,482,000                     |
| Algeria.....         |                      | 115,402,560                    | Roumania.....      |                      | 85,544,000                     |
| Russia.....          | 75,000,000           | 66,050,000                     | Switzerland.....   | 500,000              | 33,025,000                     |

The total production of wine in the world in 1897 (including Chile, 73,976,000 gallons) was 2,843,478,920 gallons, and of beer in 1899 5,250,000,000 gallons.

The *Moniteur Vinicole* reported the wine production of 1900 as follows in hectolitres (of 26.4 gallons each): France, 67,352,661; Italy, 26,500,000; Spain, 23,500,000; Portugal, 6,300,000; Algeria, 5,444,179; Austria-Hungary, 5,150,000; Roumania, 4,150,000; Germany, 3,600,000; Bulgaria, 3,400,000; Chile, 3,100,000; Russia, 2,400,000; Turkey and Cyprus, 2,200,000; Peru, 2,200,000; Argentina, 1,850,000; Switzerland, 1,560,000; United States, 1,430,000; Servia, 1,200,000; Greece and Grecian Archipelago, 900,000; Azores, Canaries, and Madeira, 320,000; Tunis, 250,000.

## Liquor Traffic

### IN VARIOUS STATES AND TERRITORIES.

**Alabama**—Local option, fee \$175—\$350.  
**Alaska**—Prohibition under acts of Congress.  
**Arizona**—Local option, quarterly fee \$48—\$200.  
**Arkansas**—Local option, fee \$800.  
**California**—Local option, fee fixed by local authorities.  
**Colorado**—Local option, fee \$25—\$300 in counties, \$500—\$600 in towns and cities.  
**Connecticut**—Local option, fee \$150—\$450.  
**Delaware**—License by courts, fee \$100—\$300.  
**District of Columbia**—License by commissioners on consent of property owners, fee \$500.  
**Florida**—Local option, fee \$500.  
**Georgia**—Local option, fee in Atlanta \$1,000—\$2,000, in counties \$200.  
**Idaho**—License by authorities, fee \$300—\$500; hotels out of towns, \$100.  
**Illinois**—Local option, fee \$500—\$1,000.  
**Indiana**—Local option, fee \$250—\$350.  
**Iowa**—License by petition of voters, fee \$600.  
**Kansas**—Prohibition.  
**Kentucky**—License by majority of voters, fee \$100—\$150.  
**Louisiana**—State or local license, fee according to amount of business, \$5—\$3,500.  
**Maine**—Prohibition.  
**Maryland**—Local option, fee \$18—\$450;  
**Massachusetts**—Local option, fee not less than \$1,000; number limited, one to thousand inhabitants, in Boston one to five hundred.  
**Minnesota**—Local option, fee \$500—\$1,000.  
**Mississippi**—Local option, fee \$600—\$1,200.  
**Missouri**—Local option, semi-annual fee \$300—\$600.  
**Montana**—Local option, semi-annual fee \$150—\$300.  
**Nebraska**—Local option, fee \$500—\$1,000.  
**Nevada**—License by county commissioners, fee \$30—\$600.

**New Hampshire**—Prohibition.  
**New Jersey**—Local option, fee \$100—\$250.  
**New Mexico**—License by county commissioners, fee \$100—\$400.  
**New York**—Local option in towns, fee \$100—\$800, according to population.  
**North Carolina**—Limited local option, semi-annual fee of \$50.  
**North Dakota**—Prohibition.  
**Ohio**—Local option, fee \$350.  
**Oklahoma**—License by county officers, fee \$200.  
**Oregon**—License on petition of voters, fee \$400.  
**Pennsylvania**—License under control of courts, fee \$75—\$1,000.  
**Rhode Island**—Local option, fee \$200—\$1,000.  
**South Carolina**—State control.  
**South Dakota**—License by local authorities, fee \$400—\$600.  
**Tennessee**—License issued by local authorities, fee \$150—\$200.  
**Texas**—License issued by courts, fee \$300.  
**Utah**—License granted by local authorities, fee \$400.  
**Vermont**—Prohibition. On November 22, 1902, both branches of the Legislature passed the local option, high license bill with referendum attached. The bill will be submitted to a vote of the people January 6, 1903. If carried the law will go into effect March 3, 1903.  
**Virginia**—Control of local boards, fee \$100—\$200, 8 per cent on rental value.  
**Washington**—License issued by local authorities, fee \$300—\$1,000.  
**West Virginia**—License by courts and local authorities, fee \$350.  
**Wisconsin**—Local option, fee \$100—\$200, with power in voters to increase from \$400—\$500.  
**Wyoming**—License issued by local authorities, fee \$100—\$300.

### LIQUOR TRAFFIC IN NEW YORK CITY.

Showing the number of licenses issued and net receipts under excise boards for the year ending April 30, 1896 (old law), together with the number of tax certificates in force and net receipts for the year ending April 30, 1902 (new law), by boroughs in Greater New York.

| BOROUGHS OF<br>GREATER<br>NEW YORK CITY. | Number<br>of<br>Licenses<br>Issued,<br>Laws<br>1895-96<br>(Old<br>Law). | Number<br>of Cer-<br>tificates<br>in Force<br>April 30,<br>1902<br>(New<br>Law). | Net Receipts<br>Under Ex-<br>cise Boards,<br>1895-96<br>(Old Law). | Net Receipts<br>Year Ending<br>April 30, 1902<br>(New Law). | State's Share,<br>½ Net<br>Receipts<br>(New Law). | Greater<br>New York's<br>Share, ½ Net<br>Receipts<br>by Boroughs<br>(New Law). | Benefit to<br>Greater New<br>York Through<br>Diminished<br>State Tax by<br>Boroughs<br>(Percentage<br>1902). | Total<br>Benefit to<br>Greater New<br>York by<br>Boroughs<br>(New Law). |
|------------------------------------------|-------------------------------------------------------------------------|----------------------------------------------------------------------------------|--------------------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| Manhattan and<br>the Bronx.....          | 8,906                                                                   | 7,254                                                                            | \$1,056,013.10                                                     | \$5,222,505.69                                              | \$1,740,835.23                                    | \$3,481,670.46                                                                 | \$2,007,465.69                                                                                               | \$5,489,136.15                                                          |
| Brooklyn.....                            | 4,702                                                                   | 3,769                                                                            | 599,115.83                                                         | 2,265,436.63                                                | 755,145.54                                        | 1,510,291.09                                                                   | 523,510.53                                                                                                   | 2,033,801.67                                                            |
| Queens.....                              | 1,206                                                                   | 1,200                                                                            | 43,424.61                                                          | 291,929.25                                                  | 97,309.75                                         | 194,619.50                                                                     | 71,088.15                                                                                                    | 265,707.65                                                              |
| Richmond.....                            | 543                                                                     | 444                                                                              | 38,364.83                                                          | 112,622.54                                                  | 37,540.85                                         | 75,081.69                                                                      | 36,179.50                                                                                                    | 111,261.19                                                              |
| Total.....                               | 15,357                                                                  | 12,667                                                                           | \$1,736,918.43                                                     | \$7,892,494.11                                              | \$2,630,831.37                                    | \$5,261,662.74                                                                 | \$2,638,243.92                                                                                               | \$7,899,906.66                                                          |

## Mortality Statistics.

## DEATHS IN THE UNITED STATES IN CENSUS YEAR 1900.

RECORDED BY STATES.  
(Compiled from the Report of the Census Office.)

| STATES AND TERRITORIES.                  | Total.    | Male.   | Female. | White,<br>Total. | White,<br>Native. | White,<br>Foreign. | Colored,<br>Total. |
|------------------------------------------|-----------|---------|---------|------------------|-------------------|--------------------|--------------------|
| The United States.....                   | 1,039,094 | 551,611 | 487,483 | 892,092          | 694,736           | 175,252            | 147,002            |
| Registration record.....                 | 512,669   | 272,819 | 239,850 | 475,640          | 337,288           | 126,465            | 37,029             |
| Registration States.....                 | 301,670   | 157,745 | 143,925 | 292,618          | 210,918           | 78,077             | 9,052              |
| Cities in registration States.....       | 191,667   | 100,041 | 91,626  | 184,408          | 124,490           | 58,096             | 7,759              |
| Rural part of registration States.....   | 110,003   | 57,704  | 52,299  | 108,210          | 86,428            | 19,981             | 1,293              |
| Registration cities in other States..... | 210,999   | 115,074 | 95,925  | 183,022          | 126,370           | 48,388             | 27,977             |
| Non-registration.....                    | 526,425   | 278,792 | 247,633 | 416,452          | 357,448           | 48,787             | 109,973            |
| Alabama.....                             | 25,699    | 12,970  | 12,729  | 12,937           | 12,308            | 341                | 12,792             |
| Arizona.....                             | 1,223     | 750     | 473     | 947              | 681               | 219                | 276                |
| Arkansas.....                            | 22,518    | 11,813  | 10,705  | 16,372           | 15,804            | 280                | 6,146              |
| California.....                          | 22,506    | 13,998  | 8,508   | 21,081           | 13,687            | 6,874              | 1,425              |
| Colorado.....                            | 7,428     | 4,471   | 2,957   | 7,210            | 4,856             | 1,233              | 218                |
| Connecticut.....                         | 15,422    | 7,902   | 7,520   | 15,048           | 10,800            | 3,941              | 374                |
| Delaware.....                            | 3,075     | 1,644   | 1,431   | 2,490            | 2,134             | 236                | 585                |
| District of Columbia.....                | 6,364     | 3,274   | 3,090   | 3,660            | 2,989             | 616                | 2,704              |
| Florida.....                             | 6,482     | 3,520   | 2,962   | 3,408            | 2,943             | 381                | 3,074              |
| Georgia.....                             | 26,941    | 13,321  | 13,620  | 13,094           | 12,637            | 257                | 13,847             |
| Idaho.....                               | 1,242     | 762     | 480     | 1,075            | 850               | 189                | 167                |
| Illinois.....                            | 61,229    | 33,641  | 27,588  | 59,618           | 42,545            | 16,052             | 1,611              |
| Indiana.....                             | 33,586    | 17,454  | 16,132  | 32,312           | 28,307            | 3,247              | 1,274              |
| Indian Territory.....                    | 5,286     | 2,795   | 2,491   | 3,936            | 3,863             | 37                 | 1,350              |
| Iowa.....                                | 19,573    | 10,612  | 8,961   | 19,362           | 14,089            | 4,240              | 211                |
| Kansas.....                              | 16,261    | 8,978   | 7,283   | 15,209           | 11,691            | 1,720              | 1,052              |
| Kentucky.....                            | 27,091    | 13,843  | 13,248  | 22,035           | 19,047            | 1,221              | 5,056              |
| Louisiana.....                           | 20,955    | 10,971  | 9,984   | 10,250           | 8,465             | 1,670              | 10,705             |
| Maine.....                               | 12,148    | 6,292   | 5,856   | 12,112           | 10,497            | 1,487              | 36                 |
| Maryland.....                            | 20,422    | 10,526  | 9,896   | 15,341           | 12,177            | 2,391              | 5,081              |
| Massachusetts.....                       | 49,756    | 25,352  | 24,404  | 49,061           | 34,952            | 13,645             | 695                |
| Michigan.....                            | 33,572    | 18,084  | 15,488  | 33,205           | 24,068            | 8,752              | 367                |
| Minnesota.....                           | 17,005    | 9,354   | 7,651   | 16,816           | 10,318            | 6,285              | 189                |
| Mississippi.....                         | 20,251    | 10,299  | 9,952   | 7,444            | 7,120             | 150                | 12,807             |
| Missouri.....                            | 38,084    | 20,480  | 17,604  | 34,959           | 29,383            | 4,771              | 3,125              |
| Montana.....                             | 2,188     | 1,387   | 801     | 1,930            | 1,069             | 534                | 258                |
| Nebraska.....                            | 8,264     | 4,480   | 3,784   | 8,015            | 6,042             | 1,737              | 249                |
| Nevada.....                              | 438       | 290     | 148     | 349              | 201               | 137                | 89                 |
| New Hampshire.....                       | 7,400     | 3,663   | 3,737   | 7,388            | 5,848             | 1,077              | 12                 |
| New Jersey.....                          | 32,735    | 17,462  | 15,273  | 31,069           | 22,829            | 7,915              | 1,666              |
| New Mexico.....                          | 2,674     | 1,455   | 1,219   | 2,398            | 2,228             | 116                | 276                |
| New York.....                            | 130,268   | 68,648  | 61,620  | 127,332          | 88,479            | 37,505             | 2,936              |
| North Carolina.....                      | 21,068    | 10,427  | 10,641  | 13,217           | 12,805            | 63                 | 7,851              |
| North Dakota.....                        | 2,287     | 1,159   | 1,128   | 2,046            | 1,291             | 715                | 241                |
| Ohio.....                                | 53,362    | 28,648  | 24,714  | 51,481           | 40,219            | 9,356              | 1,881              |
| Oklahoma.....                            | 3,181     | 1,741   | 1,440   | 2,704            | 2,563             | 113                | 477                |
| Oregon.....                              | 3,396     | 2,019   | 1,377   | 3,176            | 2,412             | 632                | 220                |
| Pennsylvania.....                        | 90,199    | 49,150  | 41,049  | 86,653           | 67,229            | 16,354             | 3,546              |
| Rhode Island.....                        | 8,176     | 4,132   | 4,044   | 7,939            | 5,571             | 2,295              | 237                |
| South Carolina.....                      | 17,166    | 8,461   | 8,705   | 5,808            | 5,495             | 144                | 11,358             |
| South Dakota.....                        | 3,088     | 1,654   | 1,434   | 2,448            | 1,672             | 751                | 640                |
| Tennessee.....                           | 30,572    | 15,354  | 15,218  | 21,020           | 20,257            | 511                | 9,543              |
| Texas.....                               | 34,160    | 18,045  | 16,115  | 26,216           | 23,526            | 2,136              | 7,944              |
| Utah.....                                | 3,079     | 1,821   | 1,258   | 2,972            | 1,934             | 983                | 107                |
| Vermont.....                             | 5,829     | 2,936   | 2,893   | 5,804            | 4,885             | 844                | 25                 |
| Virginia.....                            | 25,252    | 13,112  | 12,140  | 14,070           | 13,472            | 439                | 11,112             |
| Washington.....                          | 4,910     | 3,148   | 1,762   | 4,594            | 3,065             | 1,211              | 316                |
| West Virginia.....                       | 9,588     | 5,046   | 4,542   | 9,074            | 8,651             | 338                | 514                |
| Wisconsin.....                           | 24,928    | 13,815  | 11,113  | 24,747           | 15,298            | 8,974              | 181                |
| Wyoming.....                             | 767       | 452     | 315     | 651              | 474               | 137                | 116                |

The census year ended May 31, 1900.

In the summaries of the results the data are classed as "registration" and "non-registration," according to the source from which the original returns were obtained. The non-registration class includes the areas in which the deaths were reported by the enumerators, and those areas in which registration was too defective to be accepted.

The registration area has been increased almost 50 per cent over 1890, and now comprehends nearly 29,000,000 population. The minimum limit of population of places included among the "cities" in 1890 was 5,000. This was raised to 8,000 for the present census, and therefore represents, to that extent, a more distinctively urban population than before.

The most important feature of the results presented is found in the decrease in the general death rate in the registration area of 1.8 per 1,000 of population, a decrease of nearly 10 per cent, and the decrease in the rates from the particular diseases to which the general decrease is due.

The effect of the advances made in medical science and sanitation and in the preventive and restrictive measures enforced by the health authorities is still more strikingly shown in the comparative rate for the registration cities of the country taken together. In 1890 the death rate in 271 registration cities of 5,000 or more population was 21 per 1,000; in 1900 the rate was 18.6 per 1,000

MORTALITY STATISTICS—Continued.

in 341 cities of 8,000 population and upward, a reduction of 2.4 per 1,000. The gross population of the cities comprehended was 14,958,254 in 1890, and 21,660,631 in 1900.

The average age at death in 1890 was 31.1 years; in 1900 it was 35.2 years.

The cities with a population above 100,000 showed the following death rates for 1900 and 1890, respectively:

|                      | 1900. | 1890. |                       | 1900. | 1890. |                  | 1900. | 1890. |                    | 1900. | 1890. |
|----------------------|-------|-------|-----------------------|-------|-------|------------------|-------|-------|--------------------|-------|-------|
| Washington.....      | 22.8  | 23.7  | Rochester, N.Y.....   | 15.0  | 17.3  | Louisville.....  | 20.0  | 20.1  | Cleveland.....     | 17.1  | 20.2  |
| Boston.....          | 20.1  | 23.4  | Syracuse, N.Y.....    | 13.8  | 19.6  | New Orleans..... | 28.9  | 26.3  | Columbus.....      | 15.8  | 14.7  |
| Fall River.....      | 22.4  | 23.2  | Providence.....       | 19.9  | 21.1  | Baltimore.....   | 21.0  | 22.9  | Coledo.....        | 16.0  | 18.9  |
| Worcester, Mass..... | 15.5  | 18.0  | Los Angeles, Cal..... | 15.1  | 20.0  | Minneapolis..... | 10.8  | 13.9  | Allentown, Pa..... | 18.4  | 18.2  |
| Detroit.....         | 17.1  | 18.7  | San Francisco.....    | 20.5  | 22.5  | St. Paul.....    | 9.7   | 14.9  | Philadelphia.....  | 21.2  | 21.3  |
| Jersey City.....     | 20.7  | 25.6  | Denver.....           | 18.6  | 23.0  | Kansas City..... | 17.4  | 17.3  | Pittsburgh.....    | 20.0  | 20.1  |
| Newark, N. J.....    | 19.8  | 27.4  | Chicago.....          | 16.2  | 19.1  | St. Joseph.....  | 9.1   | —     | Scranton, Pa.....  | 20.7  | 21.8  |
| Paterson, N. J.....  | 19.0  | 22.2  | New York.....         | 20.4  | *25.3 | St. Louis.....   | 17.9  | 17.4  | Memphis.....       | 25.1  | 25.3  |
| Buffalo, N. Y.....   | 14.8  | 18.4  | Indianapolis.....     | 16.7  | 17.3  | Cincinnati.....  | 19.1  | 21.0  | Milwaukee.....     | 15.9  | 18.8  |

\* Estimated.

St. Joseph, Mo., with a death rate of 9.1 per 1,000, showed the lowest mortality, and Shreveport, La., with 45.5 the highest.

CAUSES OF DEATH IN THE CENSUS YEAR 1900.

NUMBER OF DEATHS FROM CERTAIN CAUSES, WITH PROPORTION FROM EACH CAUSE PER 100,000 FROM ALL CAUSES, IN 1900 AND 1890.

| CAUSES OF DEATH.                            | 1900.   |             | 1890.   |             | CAUSES OF DEATH.          | 1900.   |             | 1890.   |             |
|---------------------------------------------|---------|-------------|---------|-------------|---------------------------|---------|-------------|---------|-------------|
|                                             | Number. | Proportion. | Number. | Proportion. |                           | Number. | Proportion. | Number. | Proportion. |
| Consumption*.....                           | 111,039 | 10,688      | 102,199 | 12,146      | Diseases of the stomach¶  | 13,484  | 1,598       | 8,080   | 960         |
| Pneumonia.....                              | 105,971 | 10,198      | 76,496  | 9,091       | Measles.....              | 12,866  | 1,238       | 9,256   | 1,100       |
| Heart disease†.....                         | 69,315  | 6,871       | 44,959  | 5,343       | Croup.....                | 12,464  | 1,201       | 13,862  | 1,547       |
| Diarrhoeal diseases.....                    | 46,907  | 4,514       | 47,201  | 5,610       | Diseases of the liver**   | 12,249  | 1,179       | 9,460   | 1,164       |
| Unknown causes.....                         | 40,539  | 3,911       | 34,286  | 4,074       | Diseases of the brain...‡ | 11,479  | 1,104       | 12,322  | 1,424       |
| Diseases of the kidneys §                   | 36,724  | 3,534       | 19,437  | 2,312       | Inanition.....            | 11,382  | 1,096       | 6,995   | 831         |
| Typhoid fever.....                          | 35,879  | 3,405       | 27,053  | 3,216       | Dropsy.....               | 11,264  | 1,084       | 10,070  | 1,197       |
| Cancer.....                                 | 29,475  | 2,837       | 18,536  | 2,203       | Whooping cough.....       | 9,959   | 958         | 8,432   | 1,002       |
| Old age.....                                | 29,222  | 2,812       | 18,591  | 1,972       | Peritonitis.....          | 7,501   | 729         | 4,995   | 594         |
| Apoplexy.....                               | 26,901  | 2,589       | 14,999  | 1,783       | Railroad accidents.....   | 6,930   | 667         | 5,756   | 684         |
| Inflammation of the brain and meningitis. ¶ | 25,664  | 2,470       | 17,775  | 2,113       | Septicæmia.....           | 6,716   | 652         | 3,748   | 445         |
| Cholera infantum.....                       | 25,576  | 2,461       | 27,510  | 3,269       | Burns and scalds.....     | 6,772   | 652         | 2,850   | 458         |
| Paralysis  .....                            | 23,665  | 2,297       | 16,570  | 1,969       | Scarlet fever.....        | 6,333   | 609         | 5,969   | 709         |
| Bronchitis.....                             | 20,223  | 1,946       | 21,422  | 2,546       | Suicide.....              | 5,498   | 529         | 3,912   | 467         |
| Debility and atrophy.....                   | 17,282  | 1,663       | 25,536  | 3,035       | Drowning.....             | 5,387   | 512         | 5,104   | 607         |
| Influenza.....                              | 16,745  | 1,600       | 12,957  | 1,540       | Appendicitis.....         | 5,111   | 498         | 4,201   | 600         |
| Diphtheria.....                             | 16,475  | 1,556       | 27,815  | 3,306       | Rheumatism.....           | 5,067   | 488         | 4,508   | 536         |
| Convulsions.....                            | 15,515  | 1,492       | 16,598  | 1,973       | Diabetes.....             | 4,672   | 450         | 2,407   | 286         |
| Malarial fever.....                         | 14,874  | 1,431       | 18,894  | 2,210       | Hydrocephalus.....        | 4,302   | 414         | 4,338   | 516         |
| Premature birth.....                        | 14,720  | 1,417       | 7,635   | 908         | Cerebro-spinal fever..... | 4,174   | 401         | 3,333   | 396         |
|                                             |         |             |         |             | Gunshot wounds.....       | 4,060   | 391         | 2,552   | 303         |

\* Including general tuberculosis. † Including pericarditis. ‡ Including cholera morbus, colitis, diarrhoea, dysentery, and enteritis. § Including Bright's disease. ¶ Including general paralysis of the insane. ¶ Including gastritis. \*\* Including jaundice, and inflammation and abscess of the liver.

This table serves only to indicate the relative frequency of deaths from the specified causes, as reported. It should be considered in connection with the following table, which gives the number of deaths due to the same causes in the registration area, with the death rates per 100,000 of population.

DEATHS FROM CERTAIN CAUSES IN THE REGISTRATION AREA IN 1900 AND 1890, WITH DEATH RATES DUE TO EACH CAUSE, PER 100,000 OF POPULATION.

| CAUSES OF DEATH.                            | 1900.   |       | 1890.   |       | CAUSES OF DEATH.          | 1900.   |       | 1890.   |       |
|---------------------------------------------|---------|-------|---------|-------|---------------------------|---------|-------|---------|-------|
|                                             | Number. | Rate. | Number. | Rate. |                           | Number. | Rate. | Number. | Rate. |
| Pneumonia.....                              | 55,296  | 191.9 | 36,759  | 186.9 | Diseases of the stomach** | 5,743   | 20.0  | 3,565   | 18.1  |
| Consumption*.....                           | 54,898  | 190.5 | 48,226  | 245.4 | Diseases of the brain...‡ | 5,357   | 18.3  | 6,035   | 30.9  |
| Heart disease†.....                         | 38,608  | 134.0 | 28,939  | 121.8 | Peritonitis.....          | 5,028   | 17.5  | 3,418   | 17.4  |
| Diarrhoeal disease.....                     | 34,509  | 85.1  | 20,457  | 104.1 | Unknown causes.....       | 4,849   | 16.8  | 4,827   | 24.6  |
| Diseases of the kidneys §                   | 24,124  | 83.7  | 11,726  | 59.7  | Measles.....              | 3,801   | 13.2  | 2,682   | 13.5  |
| Apoplexy.....                               | 19,173  | 66.6  | 9,631   | 49.0  | Rail-road accidents.....  | 3,792   | 13.2  | 2,761   | 14.0  |
| Cancer.....                                 | 17,296  | 60.0  | 9,410   | 47.9  | Whooping cough.....       | 3,669   | 12.7  | 3,098   | 15.8  |
| Old age.....                                | 15,538  | 64.0  | 8,323   | 44.9  | Suicide.....              | 3,400   | 11.5  | 2,227   | 10.3  |
| Bronchitis.....                             | 13,903  | 58.3  | 14,632  | 74.4  | Scarlet fever.....        | 3,227   | 11.8  | 2,622   | 13.6  |
| Cholera infantum.....                       | 13,758  | 47.8  | 15,659  | 79.7  | Hydrocephalus.....        | 3,173   | 11.0  | 3,033   | 15.4  |
| Debility and atrophy.....                   | 13,108  | 45.5  | 17,427  | 85.8  | Drowning.....             | 3,122   | 11.0  | 2,543   | 12.9  |
| Inflammation of the brain and meningitis. ¶ | 12,029  | 41.8  | 9,666   | 49.1  | Septicæmia.....           | 2,887   | 10.0  | 1,517   | 7.7   |
| Diphtheria.....                             | 10,201  | 35.1  | 13,786  | 70.1  | Croup.....                | 2,870   | 9.9   | 2,482   | 12.6  |
| Typhoid fever.....                          | 9,749   | 33.8  | 9,097   | 46.3  | Diabetes.....             | 2,693   | 9.4   | 1,089   | 5.5   |
| Premature birth.....                        | 9,690   | 33.7  | 4,945   | 25.2  | Burns and scalds.....     | 2,545   | 8.8   | 1,051   | 5.5   |
| Convulsions.....                            | 9,522   | 33.1  | 11,050  | 56.3  | Malarial fever.....       | 2,526   | 8.8   | 3,773   | 19.2  |
| Paralysis  .....                            | 9,450   | 32.8  | 6,960   | 35.5  | Cerebro-spinal fever..... | 2,039   | 7.1   | 1,341   | 6.3   |
| Inanition.....                              | 7,859   | 27.3  | 5,445   | 27.7  | Dropsy.....               | 1,979   | 6.9   | 2,034   | 10.1  |
| Influenza.....                              | 6,882   | 23.9  | 1,215   | 6.2   | Rheumatism.....           | 1,961   | 6.9   | 1,587   | 8.3   |
| Diseases of the liver ¶                     | 6,514   | 22.7  | 4,742   | 24.2  | Gunshot wounds.....       | 1,103   | 3.8   | 479     | 2.4   |

\* Including general tuberculosis. † Including pericarditis. ‡ Including cholera morbus, colitis, diarrhoea, dysentery, and enteritis. § Including Bright's disease. ¶ Including general paralysis of the insane. ¶ Including jaundice, and inflammation and abscess of the liver, \*\* Including gastritis.



## Statistics of Crime and Pauperism.\*

| ELEMENTS.                        | PRISONERS IN THE U. S. IN 1890, WITH NATIVITY AND PARENTAGE. |        |        | PAUPERS† IN THE U. S. IN 1890, WITH NATIVITY AND PARENTAGE. |        |        |
|----------------------------------|--------------------------------------------------------------|--------|--------|-------------------------------------------------------------|--------|--------|
|                                  | Aggregate.                                                   | Men.   | Women. | Aggregate.                                                  | Men.   | Women. |
| The United States.....           | 82,329                                                       | 75,924 | 6,405  | 73,045                                                      | 40,741 | 32,304 |
| White.....                       | 57,310                                                       | 52,894 | 4,416  | 66,578                                                      | 37,387 | 29,191 |
| Native.....                      | 40,471                                                       | 38,156 | 2,315  | 36,656                                                      | 19,375 | 17,281 |
| Both parents native.....         | 21,037                                                       | 20,101 | 936    | 20,159                                                      | 11,123 | 10,396 |
| One parent foreign.....          | 2,881                                                        | 2,729  | 152    | 949                                                         | 538    | 411    |
| Both parents foreign.....        | 12,601                                                       | 11,766 | 835    | 3,580                                                       | 2,176  | 1,404  |
| One or both parents unknown..... | 3,952                                                        | 3,560  | 392    | 10,608                                                      | 5,538  | 5,070  |
| Foreign born.....                | 15,932                                                       | 13,869 | 2,063  | 27,648                                                      | 16,938 | 10,710 |
| Birthplace unknown.....          | 907                                                          | 869    | 38     | 2,274                                                       | 1,074  | 1,200  |
| Colored.....                     | 25,019                                                       | 23,030 | 1,989  | 6,467                                                       | 3,354  | 3,113  |
| Negroes.....                     | 24,277                                                       | 22,305 | 1,972  | 6,418                                                       | 3,326  | 3,092  |
| Chinese.....                     | 407                                                          | 406    | 1      | 13                                                          | 12     | 1      |
| Japanese.....                    | 13                                                           | 12     | 1      | .....                                                       | .....  | .....  |
| Indians.....                     | 322                                                          | 307    | 15     | 36                                                          | 16     | 20     |

\* The above comprises the latest statistics published by the United States Government and appeared in the census reports of 1890. The report on crime and pauperism according to the census of 1900 has not yet been issued by the Census Office, but is expected to be ready in 1903.

† Statistics of pauperism apply only to inmates of almshouses. Outdoor paupers are not considered and there is no way of ascertaining their number in the United States, but it is comparatively small compared with that of European countries.

Of the 114,620 parents of the white prisoners 45,732 were native, 60,153 were foreign born, and the birthplaces of 8,735 were reported as unknown. Omitting the unknown, the percentage of prisoners of the native element was 43.19 and of the foreign element 56.81.

As to nationalities of the 60,153 foreign parents of American prisoners 29,184 were Irish, 9,987 German, 5,997 English, 4,064 English Canadian, 1,996 Scotch, 1,483 Mexican, 1,209 Italian, and 1,036 French. Other nationalities were below 1,000.

Of the 133,156 parents of the white paupers 45,215 were native, 63,587 were foreign born, and 24,354 unknown as to birthplace. Omitting the unknown, as in the case of prisoners, 41.56 per cent of the paupers were of native and 58.44 per cent of foreign extraction.

As to nationalities of 63,587 foreign parents of American paupers 32,421 were Irish, 15,629 German, 4,688 English, 2,012 English Canadians, 1,392 Scotch, and 1,368 Swedish. Other nationalities were below 1,000. Statistics of crime and pauperism by the census of 1900 were not ready for publication when this edition went to press.

## Homicide in the United States.

THE statistics of the United States Census for 1900 had not been published by the Census Office when THE WORLD ALMANAC for 1903 was ready for the press. The special report of the Census Office is expected in 1903. The latest official statistics, therefore, are of 1890.

The census bulletin presenting statistics of homicide in the United States in 1890 was prepared by Frederick H. Wines, special agent on pauperism and crime. The following is the summing up of the results of his investigations:

Of 82,329 prisoners in the United States June 1, 1890, the number charged with homicide was 7,386, or 8.97 per cent.

Omitting 35 who were charged with double crimes, 6,958 of them (or 94.65 per cent) were men, and 393 (or 5.35 per cent) were women.

As to color, 4,425 were white, 2,739 negroes, 94 Chinese, 1 Japanese, and 92 Indians.

As to the nativity of the 4,425 whites, 3,157 were born in the United States, 1,213 were foreign born, and the birthplace of 55 is unknown.

A careful and accurate inquiry into the parentage of those born in the United States results in the mathematical conclusion that 56.14 per cent of homicides committed by white men and women is chargeable to the native white element of the population, and 43.86 per cent to the foreign element. On the same scale of 4,614 to 3,605, the negro contribution to homicide is represented by 5.478.

The number employed at the time of their arrest was 5,659; unemployed, 1,225; unknown, 467. The habits of 973, in respect of use of intoxicating liquors, are not stated. The remaining 6,378 are classed as follows: Total abstainers, 1,282; occasional or moderate drinkers, 3,829; drunkards, 1,267.

As to their physical condition, 6,149 were in good health, 600 ill, 283 insane, 24 blind, 14 deaf and dumb, 18 idiots, and 263 crippled.

According to the Chicago Tribune there were 5,956 homicides in the United States in 1901 to December 6; 6,285 in 1900; 6,225 in 1899; 7,840 in 1898; 9,520 in 1897, and 10,652 in 1896. Total five years: 46,478.

## CAPITAL PUNISHMENT.

The States in which the death penalty is forbidden by law are Rhode Island, Maine, Michigan, and Wisconsin. It was abolished in Iowa in 1872 and restored in 1878. It was also abolished by Colorado, but restored in 1901. In Rhode Island the only alternative is imprisonment for life. In Kansas the signature of the Governor is necessary to an execution. The death penalty is inflicted in all the States for murder, except the four above named; and in addition, in Louisiana, for rape, assault with intent to kill, administering poison, arson, and burglary; in Delaware and North Carolina, for rape, arson, and burglary; in Alabama, for rape, arson, robbery, treason, immoral relations with female under ten years of age, or married woman by falsely personating her husband; in Georgia, for rape, mayhem, and arson; in Missouri, for perjury and rape; in Virginia, West Virginia, South Carolina, and Mississippi, for rape and arson; in Florida, Kentucky, Tennessee, Texas, and Arkansas, for rape; in Montana, for arson of dwelling by night; in Maryland, for any variety of arson; in Texas, for perjury to a material fact in a capital case; in Connecticut, for causing death by putting obstructions on railroad. In some of these instances the court may, in its discretion, substitute imprisonment. States in which the judge may substitute life imprisonment for the death penalty on the recommendation of the jury are: Alabama, Arizona, California, South Dakota, Georgia, Illinois, Indiana, Iowa, Kentucky, Mississippi, Nebraska, Ohio, Oklahoma, and South Carolina, and those in which alike discretion is given to the trial court are: Minnesota, New Mexico, North Dakota, and Texas. In Utah the court may exercise the discretion if the jury so recommends. In New York and Ohio, the death penalty is now inflicted by the means of electricity.

## Suicides.

In European cities the number of suicides per 100,000 inhabitants is as follows: Paris, 42; Lyons, 29; St. Petersburg, 7; Moscow, 11; Berlin, 36; Vienna, 28; London, 23; Rome, 8; Milan, 6; Madrid, 3; Genoa, 31; Brussels, 15; Amsterdam, 14; Lisbon, 2; Christiania, 25; Stockholm, 27; Constantinople, 12; Geneva, 11; Dresden, 51. Madrid and Lisbon show the lowest, Dresden the highest figure.

The average annual suicide rate in countries of the world per 100,000 persons living is given by Barker as follows: Saxony, 31.1; Denmark, 25.8; Schleswig-Holstein, 24.0; Austria, 21.2; Switzerland, 20.2; France, 15.7; German Empire, 14.3; Hanover, 14.0; Queensland, 13.5; Prussia, 13.3; Victoria, 11.5; New South Wales, 9.3; Bavaria, 9.1; New Zealand, 9.0; South Australia, 8.9; Sweden, 8.1; Norway, 7.5; Belgium, 6.9; England and Wales, 6.9; Tasmania, 5.3; Hungary, 5.2; Scotland, 4.0; Italy, 3.7; Netherlands, 3.6; United States, 3.5; Russia, 2.9; Ireland, 1.7; Spauu, 1.4. A later enumeration of suicides in France gives 8.926 as the number in 1900, or 23.6 per cent.

The causes of suicide in European countries are reported as follows: Of 100 suicides: Madness, delirium, 18 per cent; alcoholism, 11; vice, crime, 19; different diseases, 2; moral sufferings, 6; family matters, 4; poverty, want, 4; loss of intellect, 14; consequence of crimes, 3; unknown reasons, 19.

The number of suicides in the United States, six years, 1882-87, was 8,226. Insanity was the principal cause, shooting the favorite method; 5,386 acts of suicide were committed in the day, and 2,419 in the night. Summer was the favorite season, June the favorite month, and the 11th the favorite day of the month. The month in which the largest number of suicides occur is July.

The number of suicides in 50 American cities in the twelve years 1890 to 1901, inclusive, according to the enumeration prepared by Professor Frederick L. Hoffman, statistician of the Prudential Insurance Company, was 22,397, being a rate per 100,000 of the population from 1890 to 1895 of 14.4, and from 1896 to 1901 of 16.5. The ten cities included in the enumeration having the highest rate, 1891-1900, were: St. Louis, 1,327 suicides, rate per 100,000 population, 25.7; Chicago, suicides, 3,282, rate 23.3; Hoboken, suicides, 122, rate 23.0; Oakland, Cal., suicides, 125, rate 21.5; New York City (Manhattan and Bronx), suicides, 3,769, rate 20.9; Milwaukee, suicides, 495, rate 19.8; Cincinnati, suicides, 562, rate 18.0; Newark, N. J., suicides, 353, rate 16.2; New Orleans, suicides, 422, rate 15.9; Brooklyn, suicides, 1,557, rate 15.7. The lowest rate was Fall River, Mass., 2.9.

## The Defective Classes.

THE census returns of 1900 of defective classes have not yet been published by the United States Census Office, but are expected to appear in 1903.

**The Insane.**—The total number of insane in the United States on June 1, 1890 (census of the United States), was 106,485—whites, 99,719; negroes, 6,535; Chinese, Japanese, and civilized Indians, 231. The number of insane males was 53,473, and of insane females 53,012. The total number of insane reported in 1880 was 91,959. The number of insane in each 100,000 of the population in 1890 was 387.0 for the foreign whites, 140.5 for the native whites, and 88.6 for the colored. In 1880 the corresponding figures were 398.8, 161.9, and 91.2.

The proportion of insanity was much greater among the whites than among the negroes, and very much greater among the foreign born than among the native born.

The number of insane in asylums in 1890 was 74,028—whites, 69,729; negroes, 4,299. The number of insane in asylums in each 1,000 of insane was: Whites, 699; negroes, 658.

The number of insane admitted to public institutions from 1881 to 1889, inclusive, was 190,458. The number admitted to private institutions in the same period, 13,833.

Reports from thirty States to the Committee on States of the National Conference of Charities and Correction showed 102,000 insane persons in 1896. At this rate the whole United States would have 145,000 insane.

**The Feeble-Minded.**—The total number of feeble-minded in the United States on June 1, 1890, was 95,609—whites, 84,997; negroes, 10,574; males, 52,962; females, 42,647; native-born whites, 75,910; foreign-born whites, 9,087.

**The Deaf and Dumb.**—The total number of deaf mutes in the United States on June 1, 1890, was 40,592—whites, 37,447; negroes, 3,115; others, 30; males, 22,429; females, 18,163; native-born whites, 33,278; foreign-born whites, 4,169.

The number of persons so deaf as to be unable to hear loud conversation on June 1, 1890, was 121,178, of whom 80,611 were able to speak. The latter were 49,278 males, 31,338 females, 77,308 whites, 3,308 negroes.

**The Blind.**—The total number of blind in the United States on June 1, 1890, was 50,568—whites, 43,351; negroes, 7,060; others, 157; males, 28,080; females, 22,488; native-born whites, 34,205; foreign-born whites, 9,146. The number of blind in one eye only was 93,988.

The number of insane persons in Great Britain and Ireland in 1896, according to Mulhall, was 128,896, or 32.8 per 100,000 population; Austria (1890), 51,880; Hungary (1890), 28,158. The number of insane in Germany in 1884 was 108,100; France, 93,900; Russia, 80,000.

## Statistics of Births.

THE Statesman's Year Book gives the following returns of births in 1900, in principal European countries. The birth registration, except in Germany, is not full. The census returns of the United States for 1900 have not yet been published.

| COUNTRIES.        | Total Number of Births. | Number of Illegitimate Births. | COUNTRIES.    | Total Number of Births. | Number of Illegitimate Births. |
|-------------------|-------------------------|--------------------------------|---------------|-------------------------|--------------------------------|
| Austria           | 995,537                 | 135,933                        | Germany       | 2,045,286               | 183,504                        |
| Hungary           | 768,573                 | 70,921                         | Italy         | 1,403,970               | 83,406                         |
| England and Wales | 926,304                 | 36,814                         | Norway        | 67,013                  | 4,949                          |
| Scotland          | 131,335                 | 8,503                          | Sweden        | 136,523                 | 15,641                         |
| Ireland           | 101,459                 | 2,702                          | Russia (1898) | 5,769,218               | .....                          |
| France            | 827,997                 | 73,121                         | Spain         | 627,843                 | .....                          |

In "Statistique Humaine de la France," M. J. Bertillon presents the following table, showing that the French are the least prolific and the Germans the most prolific people of Europe: Number of children born alive annually per 1,000 women of 15 to 50 years: France, 102; Ireland, 114; Belgium, 127; England, 133; Netherlands, 137; Spain, 141; Prussia, 150; Bavaria, 156.

(Revised to December 1, 1902.)

**Marriage Licenses.**—Required in all the States and Territories except Alaska, New Jersey (if residents, otherwise required), New Mexico, New York, and South Carolina.

**Marriage, Prohibition of.**—Marriages between whites and persons of negro descent are prohibited and punishable in Alabama, Arizona, Arkansas, California, Colorado, Delaware, Florida, Georgia, Idaho, Indiana, Indian Territory, Kentucky, Louisiana, Maryland, Mississippi, Missouri, Nebraska, North Carolina, Oklahoma, Oregon, South Carolina, Tennessee, Texas, Utah, Virginia, and West Virginia.

Marriages between whites and Indians are void in Arizona, North Carolina, Oregon, and South Carolina.

Marriages between whites and Chinese are void in Arizona, California, Mississippi, Oregon, and Utah.

Marriage between first cousins is forbidden in Alaska, Arizona, Arkansas, Illinois, Indiana, Indian Territory, Kansas, Missouri, Nevada, New Hampshire, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, South Dakota, Washington, and Wyoming, and in some of them is declared incestuous and void, and marriage with step-relatives is forbidden in all the States except Florida, Hawaiian Islands, Iowa, Kentucky, Minnesota, New York, Tennessee, Wisconsin.

Connecticut and Minnesota prohibit the marriage of an epileptic, imbecile, or feeble-minded woman under 45 years of age, or cohabitation by any male of this description with a woman under 45 years of age, and marriage of lunatics is void in the District of Columbia, Kentucky, Maine, Massachusetts, Nebraska; persons having sexual diseases in Michigan.

**Marriage, Age to Contract, Without Consent of Parents.**—In most of the States which have laws on this subject 21 years is the age for males; in California and Idaho, 18; in Tennessee, 16; and for females 21 years in Florida, Illinois, Iowa, Kentucky, Louisiana, Minnesota, Montana, Nebraska, North Carolina, Pennsylvania, Rhode Island, South Carolina, South Dakota, Utah, Virginia, West Virginia, Wisconsin, and Wyoming, and 18 in all the other States having laws, except District of Columbia, Idaho, Maryland, and Tennessee, in which it is 16 years, and California 15.

**Marriages, Voidable.**—Marriages are voidable in nearly all the States when contracted under the age of consent to cohabit, through fraud, or if one of the parties is suffering from insanity.

**Divorce, Previous Residence Required.**—*Six months* in Idaho, Nebraska, Nevada, South Dakota, and Texas; *one year* in Alabama, Alaska, Arizona, Arkansas, California, Colorado, Georgia, Illinois, Indian Territory, Iowa, Kansas, Kentucky, Maine, Michigan, Minnesota, Mississippi, Missouri, Montana, New Hampshire, New Mexico, New York, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, Rhode Island, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, and Wyoming; *two years* in District of Columbia, Florida, Indiana, Maryland, North Carolina, and Tennessee; *three years* in Alaska, Connecticut, New Jersey, and Massachusetts (if when married both parties were residents; otherwise five years); no statutory provision in Delaware and Louisiana.

**Divorce, Absolute, Causes for.**—The violation of the marriage vow is cause for absolute divorce in all the States and Territories, except South Carolina, which has no divorce laws.

The living of husband and wife at the time of the second marriage is a cause in most States, and physical incapacity in all the States except California, Connecticut, Idaho, Iowa, Louisiana, New Jersey, New York, South Carolina, South Dakota, and Vermont. In most of these States it renders marriage voidable.

Willful desertion, *one year* in Arkansas, California, Colorado, Florida, Idaho, Indian Territory, Kansas, Kentucky, Minnesota, Missouri, Montana, Nevada, North Dakota, Oklahoma, Oregon, South Dakota, Utah, Washington, Wisconsin, and Wyoming; *two years* in Alabama, Alaska, Arizona, District of Columbia, Illinois, Indiana, Iowa, Michigan, Mississippi, Nebraska, New Jersey, Pennsylvania, and Tennessee; *three years* in Connecticut, Delaware, Georgia, Hawaiian Islands, Maine, Maryland, Massachusetts, New Hampshire, Ohio, Texas, Vermont, Virginia, and West Virginia; *five years* in Louisiana and Rhode Island, though the court may in the latter State decree a divorce for a shorter period. Both parties living apart without cohabitation, *five years*, in Kentucky; *ten years*, Rhode Island.

Habitual drunkenness, in all the States and Territories, except Arizona, Maryland, New Jersey, New York, North Carolina, Pennsylvania, South Carolina, South Dakota, Texas, Vermont, Virginia, and West Virginia; discretionary in Georgia. "Intoxication from the use of intoxicating liquors, opium, or other drugs," in Maine, Massachusetts, Mississippi, and North Dakota. In Illinois two years, in the Indian Territory one year.

"Imprisonment for felony," or "conviction for felony," in all the States and Territories (with limitations), except Florida, Maine, Maryland, New Jersey, New York, North and South Carolina. "Cruel and abusive treatment," "intolerable cruelty," "extreme cruelty," "repeated cruelty," or "inhuman treatment," in all the States, except Maryland, New Jersey, New York, North and South Carolina, Tennessee, Virginia, and West Virginia, and discretionary in Georgia; treatment seriously injuring health or endangering reason, in New Hampshire.

Failure by the husband to provide, one year in California, Colorado, Idaho, Montana, Nevada, North Dakota, and Wyoming; two years in Arizona, Indiana, and Nebraska; three years in Delaware and New Hampshire; no time specified in Maine, Massachusetts, Michigan, Nebraska, New Mexico, Rhode Island, Utah, Vermont, and Washington.

Fraud and fraudulent contract, in Connecticut, Delaware, Georgia, Kansas, Kentucky, Ohio, Oklahoma, Pennsylvania, Vermont, and Washington.

Absence without being heard from, three years in New Hampshire and Ohio; seven years in Connecticut and Vermont; voluntary separation, five years, in Wisconsin. When reasonably presumed dead by the court, in Rhode Island.

"Ungovernable temper," in Kentucky; "habitual indulgence in violent and ungovernable temper," in Florida; "cruel treatment, outrages, or excesses as to render their living together insupportable," in Arkansas, Kentucky, Louisiana, Missouri, and Texas; "indignities as render life burdensome," in Missouri, Oregon, Pennsylvania, Washington, and Wyoming; attempt to murder the other party, in Illinois, Louisiana, and Tennessee; "pregnancy at the time of marriage without husband's knowledge or agency," in Alabama, Arizona, Georgia, Kansas, Kentucky, Mississippi, Missouri, New Mexico, North Carolina, Oklahoma, Tennessee, Virginia, West Virginia, and Wyoming.

Insanity or idiocy at time of marriage, in Colorado, District of Columbia, Georgia, Mississippi, and Virginia; insanity lasting ten years, in Washington; incurable insanity and two years' confinement in an asylum, in North Dakota; in Florida, four years; insanity and six years' confinement in an asylum, on six years' residence, in Idaho; permanent insanity in the Indian Territory.

Other causes in different States are as follows: "Commission of the crime against nature," in Alabama; "husband notoriously immoral before marriage, unknown to wife," in West Virginia; "fugitive from justice," in Louisiana, North Carolina, and Virginia; "gross misbehavior or wickedness," in Rhode Island; "any gross neglect of duty," in Kansas, Ohio, and Oklahoma;

## MARRIAGE AND DIVORCE LAWS—Continued.

"refusal of wife to remove into the State," in Tennessee; "joining any religious sect that believes marriage unlawful, and refusing to cohabit," in Kentucky and New Hampshire; "vagrancy of the husband," in Missouri and Wyoming; "refusal of wife to cohabit for twelve months," in North Carolina; "excesses," in Texas; "where wife by cruel and barbarous treatment renders condition of husband intolerable," in Pennsylvania; "carnal knowledge of wife before marriage," in Maryland; "concealment of sexual disease," in Kentucky; obtaining divorce in another State, in Michigan and Ohio; "conviction of a felony prior to marriage," in Arizona; "incurable Chinese leprosy," in Hawaiian Islands; "offering indignities, rendering conditions intolerable," in the Indian Territory; voluntary separation for five years, in Wisconsin.

In Georgia an absolute divorce is granted only after the concurrent verdict of two juries, at different terms of the court. In New York absolute divorce is granted for but one cause, adultery.

Collusion and connivance bar a divorce, also any condonation of a violation of the marriage vow.

## Acknowledgment of Deeds.

AN ACKNOWLEDGMENT is the act of declaring the execution of an instrument, but the word also denotes the official certificate of such declaration. All deeds and conveyances of land to be effectual as to third parties must be recorded upon previous proof or acknowledgment of their execution. Erasures and interlineations should be noted previous to the execution, or referred to in the certificate of the officer taking the acknowledgment. It is advisable to comply with the form of acknowledgment prescribed by the statutes of the various States.

WITHIN THE SEVERAL STATES acknowledgments may be taken in general before the following officers: Notaries Public and Justices of the Peace generally within their territorial jurisdiction, and in any place of the State usually before Judges and Clerks of the Supreme, Circuit, Probate, and County Courts, Judges of the United States Courts, Chancellors, Registers, Masters in Chancery, and Court Commissioners. County Surveyors, County Auditors, Registers of Deeds, Mayors, and Clerks of incorporated cities may take acknowledgments within their jurisdiction; besides the foregoing, in several States also the deputies of the enumerated officers, and in Connecticut, Commissioners of the School Fund; in Louisiana, Parish Recorders and their deputies; in Maine, women appointed by the Governor for that purpose; in Michigan, members of the Legislature; in Mississippi, members of County Board of Supervisors; in Nebraska, the Secretary of State; in New York, Recorders of cities and Commissioners of Deeds; in Pennsylvania, Mayors, Recorders, and Aldermen of Philadelphia, Pittsburgh, Allegheny, and Carbondale; in Rhode Island, State Senators; in Vermont, Registers of Probate; in West Virginia, Prothonotaries; in Wisconsin, Police Justices.

WITHOUT THE STATE AND WITHIN THE UNITED STATES, the following officers are authorized to take acknowledgment: Judges and Clerks of Courts of Record, Notaries Public, Commissioners appointed for that purpose by the Governors, and officers authorized to take acknowledgments within their respective States. Besides the foregoing, also, in Colorado, Secretaries of State; in Delaware, Mayors of cities; in Illinois, Justices of the Peace, Commissioners of Deeds, and Mayors of cities; in Kentucky, Secretaries of State; in Michigan and Wisconsin, Master in Chancery; in New Jersey, New York, North Carolina, Pennsylvania, and Rhode Island, Mayors and Chief Magistrates of cities.

WITHOUT THE UNITED STATES.—Judges of Courts of Record, Mayors or Chief Magistrates of cities, towns, boroughs, counties, Notaries Public, Diplomatic, Consular, or Commercial Agents of the United States resident and accredited in the country where the acknowledgment is taken.

The forms of DEEDS conveying land are prescribed by several States, and such forms should be generally used. The requisites of a valid deed are: 1. Competent parties. 2. Consideration. 3. The deed must be reduced to writing. 4. It must be duly executed and delivered. The mode and effect of an acknowledgment or of a deed is governed by the law of the State where the land lies, and not by that of the place where the acknowledgment is taken. Where the deed is executed by an attorney in fact, it is customary to have the power of attorney acknowledged by the principal and the deed acknowledged by the attorney. A deed executed by several grantors should be acknowledged by each of them.

SEALS or their equivalent (or whatever is intended as such) are necessary in Connecticut, Delaware, District of Columbia, Florida, Idaho, Illinois, Maine, Maryland, Massachusetts, Michigan, Minnesota, Missouri, New Hampshire, New Jersey, New York, North Carolina, Oregon, Pennsylvania, South Carolina, Vermont, Virginia, West Virginia, Wisconsin, Wyoming.

FORMS are prescribed or indicated by the statutes of most of the States except Connecticut, Florida, Louisiana.

SEPARATE acknowledgment by wife is required in Arkansas, Delaware, District of Columbia, Florida, Georgia, Idaho, Kentucky, Louisiana, Montana, Nevada, New Jersey, North Carolina, Oregon, South Carolina, Tennessee, Texas.

ONE WITNESS to the execution of deeds is required in District of Columbia, Maine (customary), Maryland, Nebraska, New Jersey (usual), Oklahoma Territory, Wyoming.

TWO WITNESSES to the execution of deeds are required in Arkansas, Connecticut, Florida, Georgia, Louisiana, Michigan, Minnesota, New Hampshire, Ohio, Oregon, South Carolina, Texas, Vermont, Wisconsin.

## Wills.

A WILL OR TESTAMENT is a final disposition of a person's property to take effect after his death. A codicil is an addition or alteration in such disposition. All persons are competent to make a will except idiots, persons of unsound mind, and infants. In many States a will of an unmarried woman is deemed revoked by her subsequent marriage. A nuncupative or unwritten will is one made by a soldier in active service, or by a mariner while at sea.

In most of the States a will must be in writing, signed by the testator, or by some person in his presence, and by his direction, and attested by witnesses, who must subscribe their names thereto in the presence of the testator. The form of wording a will is immaterial as long as its intent is clear.

AGE at which persons may make wills is in most of the States 21 years. Males and females are competent to make wills at 18 years in the following States: California, Connecticut, Hawaiian Islands, Idaho, Montana, Nevada, North Dakota, Oklahoma Territory, South Dakota, Utah; and in the following States only females at 18 years: Colorado, District of Columbia, Illinois, Maryland, Missouri, Wisconsin.

In the following States persons of 18 years may dispose of personal property only: Alabama,

## WILLS—Continued.

Arkansas, Missouri, Oregon, Rhode Island, Virginia, West Virginia; in Georgia any one over 14 years and in Louisiana any one over 16 years is competent to make a will.

In Colorado persons of 17 years, and in New York males of 18 and females of 16 years may dispose of personality.

**WITNESSES.**—Most of the States require two witnesses, except in Connecticut (3), District of Columbia (3 or 4), Maine (3), Maryland and Massachusetts (3), Mississippi and New Hampshire (3), Rhode Island and South Carolina (3), Vermont (3).

## The Law of Inheritance.

WHO MAY ADMINISTER UPON ESTATES AND WHO MAY SUCCEED TO ESTATES IN THE VARIOUS STATES.

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A PERSON'S property is distributed after his death either according to his will or, if he dies intestate, according to law, among his heirs and next of kin.

To be appointed an executor or administrator a person must, in most of the States, be of full age, never have been convicted of a felony, nor have been a habitual drunkard, and otherwise must be physically and mentally competent.

As a general rule aliens cannot be executors or administrators, except in very few States.

Non-residents cannot be executors or administrators in Alaska, Illinois, Kansas, Kentucky, Missouri, North Dakota, Oregon, Washington, and administrators in California, Colorado, Montana, North Carolina, Utah, and Wyoming.

In all States administrators have to file a bond, which is usually in double the amount of the personal property coming into their hands. As to executors, bonds seem to be required from them in Alabama, Alaska, California, Connecticut, District of Columbia, Illinois, Iowa, Maine, Maryland, Massachusetts, Michigan, Missouri, Nebraska, North Dakota, Ohio, Oklahoma Territory, Oregon, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, West Virginia, Wyoming, but even in these States they may be exempt from giving bond by a provision in the will waiving security.

Claims against the estates of decedents ought to be presented to executors or administrators. They must be verified and presented within a certain time after the executor or administrator qualifies, or after the first publication of notices to present claims. The periods for such presentation vary, and are as follows:

Three months in Connecticut and Minnesota. Six to eighteen months in Nebraska. Nine months in New Jersey. In North Dakota, Oklahoma, and South Dakota, six months if the estate is \$5,000, otherwise four months. Ten months in California, Montana, and Utah if the estate is over \$10,000; in Arizona if the estate is over \$5,000; in Idaho if the estate is over \$1,500, otherwise in all these last mentioned States four months. Six months in Alaska, Illinois, Kentucky, Maine, Maryland, New York, Oregon, Rhode Island, Vermont, Wisconsin, Wyoming. One year in Alabama, Colorado, Delaware, District of Columbia, Georgia, Indiana, Iowa, Massachusetts, Mississippi, Missouri, New Hampshire, New Mexico, North Carolina, Pennsylvania, South Carolina, Texas, Washington, West Virginia. Eighteen months in Michigan. Two years in Arkansas, Florida, Ohio, Tennessee. Three years in Kansas. No statutory time in Virginia.

## ADMINISTRATION OF PERSONAL PROPERTY.

Relatives and next of kin are entitled to letters of administration in the order below indicated. The order is generally determined by their right to share in the estate, which right varies greatly in the different States, but is generally similar to the right of descent (next page).

In most States males are preferred to females, the whole blood to the half blood, and unmarried to married women. In most of the States a public administrator has a right after the creditors to letters of administration. The order as to persons who may administer is as follows, according to law, in the several States:

**ALABAMA**—Husband or widow, next of kin, largest resident creditor, person appointed by court.

**ALASKA**—Widow or next of kin, or both, a principal creditor, person selected by court; same rule in Oregon.

**ARIZONA**—Husband or wife, children, father or mother, brother, sister, grandchildren, next of kin, creditor, any competent person.

**ARKANSAS**—Husband or wife or next of kin, creditor, person appointed by court.

**CALIFORNIA**—Husband or wife, or person requested to be appointed, children, father, mother, brother, sister, grandchildren, next of kin, public administrator, creditor, any competent person; with the exception of the public administrator, same rule applies in North Dakota and Oklahoma Territory.

**COLORADO**—Same as in Arkansas.

**CONNECTICUT**—Husband, wife, or next of kin, or both, person appointed by court.

**DELAWARE**—Next of kin, creditor, any suitable person.

**DISTRICT OF COLUMBIA**—Husband or wife, next of kin, creditor.

**FLORIDA**—Husband or wife, next of kin, creditor, any suitable person, or sheriff.

**GEORGIA**—Husband or wife, next of kin, principal creditor.

**IDAHO**—Husband or wife, children, parents, brothers, sisters, grandchildren, next of kin, public administrator, creditor, any competent person.

**ILLINOIS**—Husband or wife, next of kin, cred-

itor, person appointed by court; in case of non-resident, public administrator.

**INDIAN TERRITORY**—Same as in Arkansas.

**INDIANA**—Husband or wife, next of kin, largest creditor, person appointed by court.

**IOWA**—Same as in Arkansas.

**KANSAS**—Husband, wife, or next of kin, or both, principal creditor, any proper person.

**KENTUCKY**—Same as in Arkansas.

**LOUISIANA**—Beneficiary heir, his tutor (guardian) or attorney in fact, creditor.

**MAINE**—Husband or wife, next of kin, or husband of the daughter of deceased, person appointed by court.

**MARYLAND**—Husband, wife, child, grandchild, father, brothers and sisters, mother, next of kin.

**MASSACHUSETTS**—Husband, widow, or next of kin, or both, or person designated by them, public administrator, principal creditor, person appointed by court.

**MICHIGAN**—Widow, or next of kin, or both, or person designated by them, principal creditor, or person appointed by court.

**MINNESOTA**—Widow, husband, or next of kin, or both, or persons designated by them, to Consul if foreigners, principal creditor, any suitable person.

**MISSISSIPPI**—Husband, wife, children, grandchildren, brothers or sisters, nephews or nieces, father, mother, next of kin, creditor, or suitable person.

**MISSOURI**—Husband or wife, next of kin.

## THE LAW OF INHERITANCE—Continued.

MONTANA—Same as in California.

NEBRASKA—Widow or next of kin, or both, or person designated by them, principal creditor, person appointed by court.

NEVADA—Husband or wife, or person designated by them, children, father, mother, brothers, sisters, grandchildren, next of kin, creditors, public administrator, competent person.

NEW HAMPSHIRE—Executor named in will, widow, or next of kin, or person designated by them, devisee or creditor, person appointed by court.

NEW JERSEY—Widow, next of kin, and other suitable persons.

NEW MEXICO—Same as in the District of Columbia.

NEW YORK—Widow, children, father, mother, brothers, sisters, grandchildren, next of kin, executor or administrator of sole legatee, creditors, public administrator (in New York County before creditors).

NORTH CAROLINA—Husband or widow, next of kin, most competent creditor, any competent person.

NORTH DAKOTA—Same as in California.

OHIO—Husband or widow, or next of kin, or both, principal creditor, person appointed by court.

OKLAHOMA TERRITORY—Same as in California.

OREGON—Same as in Alaska.

PENNSYLVANIA—Widow, next of kin, creditor.

RHODE ISLAND—Husband or widow, next of kin.

SOUTH CAROLINA—Husband or wife, children or their representatives, father, mother, brothers, sisters, next of kin, largest creditor, person appointed by court.

SOUTH DAKOTA—Same as in California.

TENNESSEE—Widow, next of kin, public administrator.

TEXAS—Husband or wife, next of kin, creditor, resident of county.

UTAH—Husband or wife, children, father, mother, brothers, sisters, grandchildren, next of kin, creditors, any competent person.

VERMONT—Widow or next of kin, or both, or person designated by them, principal creditor, or person appointed by court.

VIRGINIA—Husband or wife, next of kin, person appointed by court.

WASHINGTON—Husband or wife, or person designated by them, children, father, mother, brothers, sisters, grandchildren, next of kin, principal creditor, person appointed by court.

WEST VIRGINIA—Same as in Arkansas.

WISCONSIN—Widow, next of kin, or both, or person designated by them, principal creditor, or person appointed by court.

WYOMING—Husband or wife, or person designated by them, children, father, mother, brothers, sisters, grandchildren, next of kin, creditor, any competent person.

## SUCCESSION TO ESTATES IN ABSENCE OF WILL.

Real property subject to the dower or courtesy rights of or special privileges granted to a surviving consort descends to the descendants in all States, except that

A.—In Florida, Georgia, and Mississippi a surviving husband or wife receives a child's share.

B.—In Maine, South Carolina, Vermont, and Texas one-third goes to surviving consort, two-thirds to descendants.

C.—In California, Idaho, Montana, Nevada, North Dakota, Oklahoma Territory, and Washington a surviving consort and one descendant divide the estate equally; or if there be more than one descendant, the consort receives one-third, the descendants two-thirds.

D.—In Colorado, Kansas, Utah, and Wyoming one-half goes to descendants and one-half to consort.

These rules do not apply to the succession to personal estate, although in many States the rules of succession to the two classes of property do not greatly differ.

## GROUP A.

Of those States in Group A, as above, if there are no descendants or surviving consort the property goes

In Florida to the father; if none, to the mother, brothers, and sisters; if none, one-half to the paternal ancestors and one-half to the maternal ancestors; or in default of either branch, all to the surviving branch; if none, to the kin of consort.

In Georgia to the father, or if dead, to the mother, brothers, and sisters; if none, to the cousins, uncles, and aunts; in default of these, to the next of kin.

In Mississippi to the brothers and sisters; if none, to the parents or the survivors; in default of these, to the next of kin.

## GROUP B.

Of those States in Group B, if there are no descendants the property descends

In Maine and South Carolina one-half to surviving consort; and in the former one-half to the parents or the survivor; in the latter one-quarter to parents or survivor, and one-quarter to brothers and sisters, or if none, one-half to parents or survivor, or if parents dead in both States, one-half to brothers and sisters. In the former, in absence of brothers or sisters or parents, one-half to next of kin, or if no next of kin, consort takes all. In the latter, in absence of brothers and sisters, one-half ascends to lineal ancestors; or if none, one-third goes to next of kin and two-thirds to consort; or if no next of kin, consort takes all.

In Vermont consort takes entire estate up to \$2,000 and one-half excess, one-half excess going to parents or survivor; or if no consort or parents, estate descends to brothers and sisters; then to next of kin.

In Texas consort takes one-half and one-half to parents; or if either dead, one-quarter to the survivor and one-quarter to brother and sister; or if none, one-half to parents or survivor and one-half to brothers and sisters; or if none, all to parents; or if no parents, all to brothers and sisters; or if none, one-half to paternal ancestors and one-half to maternal ancestors; or in default of either, all to the surviving heir.

## GROUP C.

Of those States in Group C, if there are no descendants

In California, Idaho, Montana, and Washington one-half goes to the consort; remaining half to parents or the survivor of them; if no parents, one-half goes to brothers or sisters, or if none, consort takes entire estate. If no descendants or consort, parents or survivor of them takes entire estate; or if none, all to brothers and sisters; or if none, to next of kin.

In Nevada and Oklahoma Territory one-half goes to the consort, remaining half to the father; or if dead, to the mother in the former; to the mother, brothers, and sisters in the latter; if none of these, the consort takes entire estate in both. If no descendants or consort entire estate goes to father. In Nevada if no father, to the mother; or if dead, to the brothers and sisters; or if none, to the next of kin. In Oklahoma Territory if no father, to the mother, brothers, and sisters; or if none, to the next of kin.

In North Dakota consort takes entire estate up to \$5,000 and one-half excess; one-half excess goes to father; or if dead, to the mother, and if dead, consort takes all. In absence of descendants or

THE LAW OF INHERITANCE—Continued.

consort, father takes entire estate, or if dead, it goes to the mother; or if dead, to brothers and sisters; or if none of these, to the next of kin.

GROUP D.

Of those States in Group D, if there are no descendants

In Colorado the consort takes entire estate; if none, the father; if none, the mother; if none, the brothers and sisters; if none, the lineal grandparents, uncles, and aunts; if none, nearest lineal ancestor.

In Kansas the consort takes entire estate; if none, the parents or the survivor; if none, the heirs of the parents.

In Utah consort takes entire estate up to \$5,000 and one-half excess; one-half excess goes to parents or the survivor; or if none, to brothers and sisters; or if none, consort takes entire estate. If no descendants and consort, parents, or the survivor, take estate; or if none, brothers and sisters; if none, to next of kin.

In Wyoming three-quarters of the estate goes to the consort and one-quarter to the parents or survivor; if no parents, all to consort; or if no consort, all to parents.

OTHER STATES.

Of those States not mentioned above, if there are no descendants

No descendants, to father. In Arkansas, Indian Territory, Nebraska, New Hampshire, New York, Rhode Island, Virginia, West Virginia the father takes entire estate. If no father in Arkansas and Indian Territory, it goes to the mother; or if none, to brothers and sisters; or if none, to lineal grandparents, uncles, and aunts. If no father in Nebraska and New Hampshire, it goes to mother, brothers, and sisters; or if none, to the next of kin. If no father in Rhode Island, Virginia, and West Virginia, estate goes to mother, brothers, and sisters; if none, one-half to paternal kindred and one-half to maternal kindred, or all to the survivor if none of one branch; and in the two last States, if none, to the husband or wife. If no father in New York, estate goes to mother for life, reversion to brothers and sisters; or if none, to mother; if no mother, or brothers and sisters, to paternal uncles and aunts; or if none, to maternal uncles and aunts; or if none, more remote collateral relatives.

If there are no descendants

No descendants, to parents or the survivors. In Connecticut, Kentucky, and Massachusetts the entire estate goes to the parents or the survivor; or if none, to the brothers and sisters. In Connecticut and Massachusetts, if no brothers or sisters, to the next of kin. In Kentucky, if there are no brothers or sisters, one-half estate goes to lineal paternal ancestors, or uncles or aunts, and one-half to lineal maternal ancestors, or uncles or aunts; or in default of either, all to the other; in default of both, to the consort; or if none, to his or her heirs; or if none, consort's brothers and sisters.

If there are no descendants

No descendants, to parents; or if either dead, his or her share transferred. In Alabama estate goes to the parents; or if either dead, one-half to survivor and one-half to brothers and sisters; or if none, all to surviving parent. If no parents, all to brothers and sisters; if none, to next of kin; or if none, to consort.

In Louisiana one-half to parents or survivor, and one-half to brothers and sisters; or if none, all to parents; if no parents, all to brothers and sisters; if none, to lineal ascendants; or if none, to collateral relatives.

In Iowa one-half to parents and one-half to consort; if none, all to parents; if no parents, all to wife; if none, to heirs of parents.

If there are no descendants

No descendants, to brothers and sisters. In Delaware, District of Columbia, Maryland, New Jersey, Pennsylvania, and Tennessee estate goes to brothers and sisters; if none in all but last three, to father; or if none, to mother; or if none in Delaware, to next of kin; if none in District of Columbia and Maryland, to grandfather on paternal side; if none, to grandfather on maternal side; if none, to husband or wife.

In New Jersey if no brothers or sisters, to father; if none, to mother for life, and reversion to brothers and sisters of half blood; if none, to next of kin; if none, to consort.

In Tennessee if no brothers or sisters, to parents; if none, to heirs of parents; if none, to consort.

In Pennsylvania to brothers and sisters, subject to life estate of parents; then to next of kin; if none, to consort.

If there are no descendants

No descendants, to wife. In Alaska, Minnesota, Oregon, Ohio, and Wisconsin estate goes to consort; if no father in first three States, to mother, brothers and sisters; or if none, to next of kin.

In Ohio if no consort, to brothers and sisters; if none, to ancestor from whom estate came; if none, brothers and sisters of half blood; if none, to next of kin.

In Wisconsin if no consort, to parents or survivor; if none, to brothers and sisters; if none, to next of kin.

If there are no descendants

No descendants, to consort and parents. In Michigan one-half estate goes to consort, and one-half to parents or the survivor of them; or if no parents, one-half to brothers and sisters; or if none, all to consort; if no consort, all to parents; if none, to brothers and sisters; if none, to next of kin.

If there are no descendants

No descendants, to parents, and brothers and sisters. In Illinois and Missouri estate goes to parents and brothers and sisters; if one parent dead, one-half to the surviving one. In Illinois, if no parents, one-half to consort; if none, all to brothers and sisters. In Missouri, if no brothers or sisters, and parents, all to consort; if none, to grandparents, uncles and aunts. In Illinois, if no consort, parents, brothers or sisters, to next of kin.

In North Carolina, if no descendants, to collateral relatives of blood of first purchaser; if none, to collateral relatives; if none, to father; if none, to mother.

In all States, if none of above are alive, the property escheats to the State. Indiana and New Mexico are not included in above table. Their laws of descent are extremely complicated and impossible to condense.

In many States—Arkansas, Indian Territory, Connecticut, District of Columbia, Kentucky, Maryland, New Jersey, New York, and Rhode Island—if estate was inherited in certain instances, persons of blood from whom estate came are preferred to the exclusion of others.

## Game Laws of New York State.

*Synopsis of Game Laws revised to January 1, 1903. Changes are liable to occur.*

**Deer.**—Open season in Kings, Queens, Nassau, and Suffolk Counties and Long Island Sound first two Wednesdays and the first two Fridays after first Tuesday in November; elsewhere from September 1 to November 15; but absolutely prohibited in Ulster, Greene, Delaware, and Putnam Counties prior to year 1907. Open season in Sullivan County November 1 to 15 inclusive. Wild deer or venison shall not be possessed or sold from November 21 to August 31, both inclusive. Only two can be taken or transported by anybody each season. Fawns in the spotted or red coat must not be killed or caught. No traps, salt licks, or other devices shall be used. No jacklight or other artificial light shall be used. Dogs must not be used for hounding purposes, nor be permitted to run at large in forests where deer inhabit, by owner or persons having charge of same. This prohibition as to dogs does not apply to Long Island. Dogs while chasing deer in violation of law may be killed by any person. Deer shall not be taken by crusting (so called), or while they are yarded. Only one carcass may be transported from county where killed, when accompanied by the owner.

**Moose, Elk, Caribou, and Antelope.**—No open season, but they may be brought into the State for breeding purposes.

**Beaver.**—No open season.

**Black and Gray Squirrels** shall not be killed, except from September 16 to December 15 inclusive, but in Greene County the close season shall be from December 16 to September 30, and in Rensselaer County from December 1 to September 30, both inclusive; on Long Island and Long Island Sound, open season from November 1 to December 31 inclusive.

**Hares and Rabbits.**—Shall not be killed, nor (except in that portion of Long Island which is embraced in the City of New York) shall they be possessed in Long Island and Long Island Sound, except from November 1 to December 31, both inclusive. Use of ferrets is prohibited. In counties of Livingston, Wyoming, Erie, Orange, Schoharie, Monroe, Orleans, Steuben, Albany, Ulster, Dutchess and Columbia, hares and rabbits shall not be killed except from September 1 to December 15. In Richmond and Rockland Counties, open season November 1 to December 30, both inclusive; in Oneida and Sullivan Counties, open season September 16 to February 14, both inclusive; in Greene County from October 1 to December 15, and in Fulton County from November 1 to January 31. The owner of any inclosed or occupied farm lands may, of himself or by any member of his household, kill rabbits and English hares on his own premises at any time.

**Web-footed Wild Fowl.**—Open season is from September 1 to April 29. (Open season in Kings, Queens, Nassau, and Suffolk Counties and Long Island Sound from October 1 to April 30.) Must not be taken in Jefferson County from February 1 to August 31. Must not be fired at from a boat propelled otherwise than by hand, or from any bough house or floating device used to conceal the hunter if more than 50 feet from shore, or a natural growth of grass or flags. Must not be taken save with gun raised at arm's length, and fired from the shoulder without other rest. Floating devices may be used in Long Island Sound, Shinnecock, Gardiner, and Peconic Bays, and, except from September 30 to October 19, both inclusive, in Great South Bay, west of Smith's Point. Sailboats may be used in Long Island Sound, Gardiner and Peconic Bays. Hours limited between sunrise and sunset.

**Quail.**—Open season from November 1 to December 15. Must not be taken on Long Island from January 1 to October 31, both inclusive.

**Partridge or Grouse and Woodcock.**—Open season for grouse in Long Island and Long Island Sound from November 1 to December 31; elsewhere, September 16 to November 30; open season for woodcock, August 1 to December 31. Such birds shall not be possessed in their close season except in the City of New York, where they may be possessed during the open season in the State at large. Open season for woodcock in Rensselaer County from October 1 to November 30. Open season elsewhere from September 16 to November 30; in Ulster and Greene Counties from October 1 to December 15. Not more than thirty-six of above-named birds to be taken by any person in any open season. Grouse must not be taken in Ulster, Greene, and Sullivan Counties from December 16 to September 30, both inclusive. No open season in Westchester County prior to 1905. Cannot be sold or possessed during the close season, except in December. Transportation (not more than twelve at any one time) allowed only when with owner.

**English Snipe, Plover, Rail, Bay Snipe, or Shore Bird.**—Must not be killed or possessed during May, June, July, and August. Open season in Long Island and Long Island Sound July 1 to December 31.

**Meadow Hens.**—Meadow hens, mud hens, gallinule or water chicken, or grebe shall not be killed or possessed from December 31 to August 15 in Long Island and Long Island Sound.

**Wild Birds.**—Must never be killed, caught, or possessed, living or dead, nor nests robbed or needlessly destroyed, except English sparrow, crane, hawk, crow, crow-blackbird, snow owl, and great horned owl. No part of the plumage, skin, or body of any bird protected by this section shall be sold or had in possession for sale.

**Mongolian Pheasant.**—No open season prior to 1905. This prohibition does not apply to Suffolk County, where they may be killed from November 1 to December 31.

**Mink, Skunk, Muskrat, and Fox.**—The close season for mink, skunk, and muskrat in the counties of Cattaraugus, Chautauqua, Oneida, Madison, Otsego, Wayne, Cayuga, Livingston, Jefferson, Chemung, Chenango, Genesee, and Wyoming shall be from May 1 to October 31, both inclusive. Muskrat houses shall not be injured or destroyed at any time. The close season for foxes in said counties, except Cayuga, shall be from May 1 to September 30, both inclusive. Does not apply to the acts of an owner or possessor of lands thereon, or to the territory of a city or incorporated village.

**WESTCHESTER COUNTY.**—Game shall not be taken in a public highway, or on the lands of a railway, or lands used for the Croton aqueduct in Westchester County.

**Bass, Pickerel, and Pike.**—Open season for black bass from June 16 to December 31; in St. Lawrence River and in Jefferson County, June 10 to December 31; in Lake George and Schroon Lake, August 1 to December 15; in Kings, Queens, Nassau, and Suffolk Counties and Long Island Sound, May 30 to December 31; in Jamaica Bay, Flatlands Bay, and waters adjacent thereto angling is lawful every day. Pickerel and pike shall not be caught or possessed from March 1 to April 30. Black bass must be ten inches long, not more than twenty-four to be taken by any person in one day. Whenever two or more persons are angling from the same boat, they shall not take more than twenty-four bass in one day, and in St. Lawrence River not more than twelve must be caught by a single person in one day.

**Salt-water Striped Bass** less than eight inches in length shall not be intentionally taken from any of the waters of New York State, nor possessed; nor shall any person fish for or take any striped bass from the Hudson River with a net of any kind between April 30 and July 30.



GAME LAWS OF NEW YORK STATE—Continued.

**Muskallonge.**—Open season from May 31 to last day of February. In St. Lawrence River, June 10 to December 31.

**Salmon.**—Open season from March 2 to August 14.

**Lake Trout and Land-locked Salmon.**—Open season from May 1 to September 30, except in Lakes Erie and Ontario, where there shall be no close season, and except in the counties of Dutchess, Ulster, Sullivan, Orange, Rockland, Putnam, Westchester, and Richmond, where the close season shall be from July 1 to March 31. Open season in Kings, Queens, Nassau, and Suffolk Counties and Long Island Sound from April 1 to September 30. Must be fifteen inches long, and must not be molested while spawning. Transportation allowed only when with owner.

**Trout.**—Open season from April 16 to August 31. In Kings, Queens, Nassau, and Suffolk Counties and Long Island Sound from March 29 to August 30. Close season in Spring Brook from September 1 to March 28; Gilboa and Conesville (except Schoharie River), August 1 to April 30. Must be six inches long. Must not be molested while spawning. Transportation allowed only when with owner. Fish shall not be taken in fresh waters inhabited by trout, except by angling.

Shooting on Sunday, fishing within fifty rods of State fisheries and fishways, drawing off water to catch fish, using dynamite, pollution of waters, and stocking of the Adirondack waters with any fish, except of the salmon and trout families, prohibited. Fishing through the ice in waters inhabited by trout, lake trout, or land-locked salmon prohibited. Salmon, black bass, trout, salmon trout, pike, and perch, caught in nets, in fishing for other fish in the Hudson River, must be cast back.

NEW JERSEY.

Hunting on Sunday or killing on snow prohibited.

Quail or Partridge, Hare, Rabbit.....*Open Season.*  
 bit.....Nov. 10 to Dec. 31  
 Woodcock.....During July and Oct. 1 to Dec. 31  
 Ruffed Grouse (sometimes called partridge or pheasant).....Nov. 10 to Dec. 31  
 Upland Plover or Dove.....Aug. 1 to Sept. 30  
 English Snipe. Mar. 1 to Ap. 30, Aug. 25 to Dec. 31  
 Reed and Rail Birds.....Aug. 25 to Dec. 31  
 Web-footed Wild Fowl.....Sept. 1 to Apr. 30

Flicker, Highholder, Yellow-bellied Woodpecker, Sapsucker, protected at all times.

Marsh Hen (or Mud Hen).....*Open Season.*  
 Sept. 1 to Dec. 31  
 Squirrels.....Nov. 10 to Dec. 31  
 Brook Trout (not less than six inches in length).....April 1 to July 15  
 Black Bass, Pike, Perch, White Bass.....June 15 to Nov. 30  
 Pickerel or Pike.....May 1 to Nov. 30  
 Beaver and Deer protected at all times.

CONNECTICUT.

**Woodcock, Quail, Ruffed Grouse, Partridge, Gray Squirrel.**—Must not be killed between December 1 and October 1. No person shall kill or have in possession more than five ruffed grouse in any one day, or thirty-six in any one year. Woodcock, quail, and ruffed grouse, when killed, must not be conveyed beyond the limits of the State.

**Deer.**—Must not be killed at any time.

**Plover, Snipe, Rail, etc.**—Must not be killed between April 1 and September 1.

**Wild Fowl.**—Wild duck, goose, or brant must not be killed in May, June, July, and August, or with any other gun than is commonly raised at arm's length and fired from the shoulder. Shooting at wild fowl from any vessel propelled by steam or sails or from any boat or other structure attached thereto is strictly prohibited.

**Hare, Rabbit.**—Must not be killed between January 1 and October 1. (Use of ferrets is forbidden.)

**Mongolian or Chinese Pheasants.**—Must not be caught or killed prior to June 1, 1906.

**Trout.**—Brook, brown, or rainbow trout must be caught only with hook and line, between April 1 and July 1. Black trout must be at least six inches long. Not more than thirty to be taken in one day.

**Lake Trout.**—Open season from May 1 to October 1. Must not be less than ten inches long.

**Black Bass.**—Must not be killed between May 1 and July 1. Must be caught with hook and line only. This does not apply to any person taking black bass from any waters owned or leased by him, provided such black bass is not to be sold.

**Pickerel and Pike.**—Must not be taken between March 1 and April 30. Must not be less than twelve inches long.

PENNSYLVANIA.

Hunting and fishing on Sunday unlawful.

Wild Turkey, Pheasant, Grouse, Quail, Partridge, Prairie Chicken.....*Open Season.*  
 Oct. 15 to Dec. 15  
 Web-footed Wild Fowl.....Sept. 1 to May 1  
 Plover.....July 15 to Jan. 1  
 Woodcock. During July and.....Oct. 15 to Dec. 15  
 Rail and Reed Birds.....Sept. 1 to Dec. 1  
 Elk and Deer (dogs must not be used).....Nov. 1 to Dec. 1  
 Squirrels.....Oct. 15 to Dec. 15  
 Hares and Rabbits.....Nov. 1 to Dec. 15

It is unlawful at any season of the year to kill any elk, deer, fawn, wild turkey, pheasant, grouse, quail, partridge, or woodcock for the purpose of selling the same. It is lawful to trap quail from January 1 to February 15, and to take them alive for the purpose of keeping them alive during

the Winter, but for no other purpose whatsoever. If taken alive, they shall not be transported to any other locality, but must be liberated when the weather is suitable in the Spring in the same locality where they were caught.

It is unlawful for any one person to kill in any one day more than ten ruffed grouse, commonly called pheasants, or more than fifteen quail or Virginia partridge, or more than ten woodcock, or more than two wild turkeys, or to kill in any one season more than two deer.

*Open Season.*  
 Speckled Trout.....Apr. 15 to July 31  
 Lake Trout.....Jan. 1 to Sept. 1  
 Black Bass and Wall-eyed Pike (Susquehanna Salmon).....June 15 to Feb. 15  
 Green Bass (except in Lake Erie).....June 15 to Feb. 15  
 Pike and Pickerel.....June 15 to Feb. 15

**Athletic Sports.**

(Revised to December 1, 1902.)

(A) American records. (E) English records. (W) World's records made abroad. (AW) American and also world's records. (P) Professional records. Except as otherwise noted, all records are amateur.

**RUNNING.**

(World's records only.)

| DIS-TANCE. | Professional. |           | Amateur.         |           | DIS-TANCE. | Professional. |             | Amateur.      |             |
|------------|---------------|-----------|------------------|-----------|------------|---------------|-------------|---------------|-------------|
|            | Time.         | M. S.     | Time.            | M. S.     |            | Time.         | H. M. S.    | Time.         | H. M. S.    |
| 50yds      | H. M. J'nson  | 5 1/4     | L. E. Myers      | 5 1/2     | 5 m.       | J. White      | 24 40       | S. Thomas     | 24 53 3-5   |
| 60 "       | "             | "         | L. E. Myers      | 6 2-5     | 5 1/2 "    | C. Price      | 28 35 1-5   | S. Thomas     | 27 42 3-5   |
| 60 "       | "             | "         | W. D. Eaton      | 6 2-5     | 6 "        | J. White      | 29 50       | S. Thomas     | 30 17 4-5   |
| 75 "       | James Quirk   | 7 1/4     | L. H. Cary       | 7 3-5     | 6 1/2 "    | C. Price      | 34 02 1-5   | S. Thomas     | 32 56 2-5   |
| 75 "       | "             | "         | B. J. Wefers     | 7 3-5     | 7 "        | J. White      | 34 45       | S. Thomas     | 35 36 4-5   |
| 80 "       | "             | "         | W. Baker         | 8         | 7 1/2 "    | C. Price      | 39 25 1-5   | S. Thomas     | 38 18       |
| 100 "      | E. Donovan    | 9 3-5     | A. F. Duffy      | 9 3-5     | 8 "        | J. Howitt     | 40 20       | WG George     | 40 57 2-5   |
| 110 "      | F. N. Bonine  | 11        | CH Sherrill      | 11 1-5    | 8 1/2 "    | C. Price      | 44 50 1-5   | WG George     | 43 33       |
| 110 "      | "             | "         | W. Baker         | 11 1-5    | 9 "        | J. Howitt     | 45 21       | WG George     | 46 12       |
| 110 "      | "             | "         | L. H. Cary       | 11 1-5    | 9 1/2 "    | C. Price      | 50 09 3-5   | WG George     | 48 51       |
| 120 "      | Geo. Seward   | 11 1/2    | B. J. Wefers     | 11 2-5    | 10 "       | W. Cum'ings   | 51 06 3-5   | WG George     | 51 20       |
| 125 "      | WM Christie   | 13 1-5    | CH Sherrill      | 12 2-5    | 10 1/2 "   | F. E. Bacon   | 53 49       | "             | "           |
| 130 "      | W. Johnson    | 12 3/4    | W. Baker         | 13        | 11 "       | F. E. Bacon   | 56 28       | WG George     | 57 09 3-5   |
| 131 1/2 "  | H. Hutchens   | 12 2-5    | "                | "         | 11 1/2 "   | F. E. Bacon   | 59 03       | "             | "           |
| 135 "      | WM Christie   | 13 1-5    | CA Bradley       | 13 3-5    | 12 "       | L. Bennett    | 1 02 0 1/2  | S. Thomas     | 1 02 43     |
| 140 "      | H. Hutchens   | 13 3/4    | "                | "         | 12 1/2 "   | (Deerfoot).   | "           | "             | "           |
| 150 "      | H. Hutchens   | 14 1/2    | W. Baker         | 14 3-5    | 13 "       | J. Howitt     | 1 10 31     | S. Thomas     | 1 10 55 2-5 |
| 180 "      | "             | "         | W. Baker         | 15        | 14 "       | J. Howitt     | 1 16 12     | S. Thomas     | 1 16 41 1-5 |
| 200 "      | Geo. Seward   | 19 1/2    | E. H. Pelling    | 19 4-5    | 15 "       | J. Howitt     | 1 22 00     | F. Appleby    | 1 20 04 3-5 |
| 200 "      | "             | "         | ARDowner         | 19 4-5    | 16 "       | J. Howitt     | 1 28 06     | GCrossland    | 1 28 46     |
| 220 "      | H. Hutchens   | 21 4-5    | B. J. Wefers     | 21 1-5    | 17 "       | Len Hurst     | 1 34 15     | GCrossland    | 1 34 27     |
| 250 "      | H. Hutchens   | 25 1/4    | W. T. Macpherson | 24 3-5    | 18 "       | Len Hurst     | 1 40 48     | GCrossland    | 1 40 10     |
| 300 "      | H. Hutchens   | 30        | B. J. Wefers     | 30 3-5    | 19 "       | Len Hurst     | 1 48 05     | GCrossland    | 1 46 00     |
| 350 "      | H. Hutchens   | 38 2-5    | M. W. Long       | 36 2-5    | 20 "       | P. Byrnes     | 1 54 00     | GCrossland    | 1 51 54     |
| 400 "      | A. R. Downer  | 44 4-5    | M. W. Long       | 42 1-5    | 21 "       | G. Mason      | 2 08 36     | GA Dun'ng     | 2 06 10     |
| 440 "      | R. Battery    | 50        | M. W. Long       | 47        | 22 "       | G. Mason      | 2 16 17     | GA Dun'ng     | 2 12 48     |
| 450 "      | J. Powers     | 48 1/2    | T. E. Burke      | 57 4-5    | 23 "       | G. Mason      | 2 23 33     | GA Dun'ng     | 2 19 50     |
| 600 "      | J. Nuttal     | 1 13      | T. E. Burke      | 1 11      | 24 "       | G. Mason      | 2 30 04     | GA Dun'ng     | 2 27 05     |
| 600 "      | E. C. Bredin  | 1 13      | "                | "         | 25 "       | G. Mason      | 2 36 34     | GA Dun'ng     | 2 23 44     |
| 660 "      | "             | "         | L. E. Myers      | 1 22      | 30 "       | G. Mason      | 3 15 09     | I. A. Squires | 3 17 36 1/2 |
| 700 "      | J. Pudney     | 1 29      | L. E. Myers      | 1 31      | 50 "       | J. Bailey     | 4 34 27     | J. E. Dixon   | 4 46 54     |
| 800 "      | "             | "         | L. E. Myers      | 1 44 2-5  | 60 "       | G. Cartwright | 5 55 04 1/2 | J. E. Dixon   | 6 18 26 1-5 |
| 850 "      | F. S. Hewitt  | 1 53 1/2  | L. E. Myers      | 1 53 2-5  | 70 "       | G. Cartwright | 7 30 33     | W C Davies    | 8 23 30     |
| 1000 "     | W. Cum'ings   | 2 17      | C. H. Kilpatrick | 1 53 2-5  | 80 "       | G. Littlew'd  | 10 33 50    | W C Davies    | 10 09 25    |
| 1320 "     | W. Richards   | 3 07      | L. E. Myers      | 2 13      | 80 "       | G. Littlew'd  | 10 33 50    | W C Davies    | 11 45 40    |
|            |               |           | T. P. Con'eff    | 3 02 4-5  | 100 "      | C. Rowell     | 12 00 15    | AWSinclair    | 15 00 00    |
|            |               |           | "                | "         | 110 "      | C. Rowell     | 13 26 30    | J. Saunders   | 17 36 14    |
|            |               |           | "                | "         | 110 "      | C. Rowell     | 15 20 45    | J. Saunders   | 20 12 10    |
| 1 m.       | W. G. George  | 4 12 3/4  | T. P. Con'eff    | 4 15 3-5  | 120 "      | C. Rowell     | 16 48 10    | J. Saunders   | 22 47 23    |
| 1 1/4 "    | W. Lang       | 5 30      | T. P. Con'eff    | 5 38 4-5  | 130 "      | C. Rowell     | 19 04 45    | "             | "           |
| 1 1/2 "    | W. Cum'ings   | 6 43 1/2  | T. P. Con'eff    | 6 46 2-5  | 140 "      | C. Rowell     | 20 50 30    | "             | "           |
| 1 3/4 "    | "             | "         | WG George        | 6 08 1-5  | 150 "      | C. Rowell     | 22 28 25    | "             | "           |
| 2 "        | W. Lang       | 9 11 1/2  | WG George        | 9 17 2-5  | 200 "      | C. Rowell     | 35 09 28    | "             | "           |
| 2 1/2 "    | P. Cannon     | 12 06 1-5 | WG George        | 12 06     | 300 "      | C. Rowell     | 58 17 06    | "             | "           |
| 2 3/4 "    | "             | "         | S. Thomas        | 12 06     | 383 "      | C. Rowell     | 80 13 45    | "             | "           |
| 3 "        | P. Cannon     | 14 19 1/2 | S. Thomas        | 14 24     | 450 "      | J. Albert     | 95 26 18    | "             | "           |
| 3 1/2 "    | P. Cannon     | 17 02 1-5 | WG George        | 17 10     | 500 "      | P. Fitzger'ld | 109 18 29   | "             | "           |
| 4 "        | P. Cannon     | 19 25 3-5 | GCrossland       | 19 28 3-5 | 560 "      | G. Hazael     | 125 24 45   | "             | "           |
| 4 1/2 "    | J. Grant      | 22 48     | S. Thomas        | 22 25     | 623 "      | G. Littlew'd  | 141 40 30   | "             | "           |

Greatest distance run in one hour—11 miles 1,243 yards, by F. E. Bacon (P), at Rochdale, England, June 19, 1897. By an amateur, 11 miles 932 yards 9 inches, W. G. George, London, England, July 28, 1884. G. Crossland (amateur) ran 20 1/2 miles in 1 h. 54 m. 37 s., at London, England, Sept. 22, 1894.

A Mile in Four Starts.—L. E. Myers covered the distance in 3 m. 31 4-5 s., at New York, Oct. 22, 1883. One-Mile Relay Race.—3 m. 21 2-5 s., New York Athletic Club team, M. W. Long, H. S. Lyons, T. E. Burke, and B. J. Wefers, on Manhattan Field, New York, Aug. 28, 1897. Each man ran 440 yards.

The 25-mile (U. S. A. Marathon) road race, over ordinary country roads, was won (1902) by John Caffrey in 2 h. 29 m. 23 3-5 s.

The "Intercollegiate One-Mile Championship in Relay Races," by teams of four, was won by Harvard. Times by quarter miles, 49 4-5 s., 1 m. 40 4-5 s., 2 m. 30 3-5 s.; mile, 3m. 21 2-5 s., breaking world's record made in 1897, 3m. 23 1-5 s. The two-mile championship was won by Univ. of Pennsylvania in 8 m. 4 4-5 s. The three-mile championship was won by Yale in 18 m. 36 2-5 s.

**SACK-RACING.**

| DISTANCE. | Name.        | Time.       | SACK RACING OVER HURDLES. |          |         |             |        |
|-----------|--------------|-------------|---------------------------|----------|---------|-------------|--------|
|           |              |             | DISTANCE.                 | Hurdles. | Height. | Name.       | Time.  |
| 35 yards  | R. Mercer    | 5 3-5 sec.  |                           |          |         |             |        |
| 50 "      | R. Mercer    | 7 sec.      |                           |          |         |             |        |
| 60 "      | J. M. Nason  | 9 sec.      |                           |          |         |             |        |
| 65 "      | J. T. Norton | 9 3-5 sec.  |                           |          |         |             |        |
| 75 "      | R. Mercer    | 10 4-5 sec. |                           |          |         |             |        |
| 100 "     | J. M. Nason  | 15 3-5 sec. |                           |          |         |             |        |
| 110 "     | J. M. Nason  | 25 1-5 sec. |                           |          |         |             |        |
| 176 "     | C. S. Busse  | 28 1-5 sec. |                           |          |         |             |        |
| 1-9 mile  | J. H. Clark  | 35 2-5 sec. |                           |          |         |             |        |
|           |              |             | Yards.                    | Fl.      |         | Sec.        |        |
|           |              |             | 50                        | 4        | 1       | J. M. Nason | 9 1/2  |
|           |              |             | 75                        | 6        | 1 1/2   | J. M. Nason | 16     |
|           |              |             | 100                       | 10       | 1 1/2   | J. M. Nason | 21 4-5 |
|           |              |             | 110                       | 10       | 1 1/2   | C. M. Cohen | 21     |

ATHLETIC SPORTS—Continued.

JUMPING AND VAULTING.

| STYLE AND CONDITIONS.                     | Amateur.              |           | Professional. |                       |       |        |
|-------------------------------------------|-----------------------|-----------|---------------|-----------------------|-------|--------|
|                                           | Distance.             | Distance. | Distance.     | Distance.             |       |        |
|                                           | Ft.                   | In.       | Ft.           | In.                   |       |        |
| Standing high jump, without weights....   | R. C. Ewry (A W)...   | 5         | 5 1/4         | T. F. Kearney (A).... | 5     | 8 1/2  |
| Standing high jump, with weights.....     | M. F. Sweeney (A W)   | 6         | 5 5/8         | M. F. Sweeney (A W)   | 6     | 1      |
| Running high jump, without weights....    | R. C. Ewry (A W)....  | 11        | 3             | R. W. Baker (A W).... | 6     | 6 1/2  |
| Running high jump, with weights.....      | J. Chandler (W)....   | 12        | 9 1/2         | J. Darby (W).....     | 12    | 1 1/2  |
| Standing jump, for distance, without w'ts | G. L. Hellwig (A W)   | 12        | 9 1/2         | J. Darby (W).....     | 14    | 9      |
| Standing jump, for distance, with w'ts. { | Peter O'Connor....    | 24        | 11 3/4        | G. W. Hamilton (A)... | 14    | 5 1/2  |
| Running jump, for distance, without w'ts  | J. Cosgrove (A)....   | 30        | 3             | J. P. Watson (A)*.... | 21    | 11     |
| Running jump, for distance, with weights  | W. McManus (W)....    | 49        | 2 1/2         | J. Howard (W)†....    | 29    | 7      |
| Stand'g hop, step, and jump, witho't w'ts | E. B. Bloss (A)....   | 48        | 6             | T. Burrows (A W)....  | 48    | 8      |
| Runn'g hop, step, & jump, witho't w'ts    | J. B. Connolly (A)... | 49        | 0 1/2         | T. Burrows (A W)....  | 49    | 6      |
| Runn'g two hops and jump, without w'ts    | R. C. Ewry.....       | 35        | 7 1/4         | H. M. Johnson (A W)   | 22    | 2 1/2  |
| Standing two jumps, without weights....   | J. Chandler (W)....   | 38        | 10            | J. Darby (W).....     | 26    | 8-2    |
| Standing two jumps, with weights.....     | .....                 | .....     | .....         | W. Marsh (A).....     | 35    | 0 1/2  |
| Standing three jumps, without weights {   | .....                 | .....     | .....         | J. Darby (W).....     | 41    | 7      |
| Standing three jumps, with weights.....   | .....                 | .....     | .....         | P. J. Griffin (A).... | 41    | 2      |
| Standing five jumps, without weights....  | .....                 | .....     | .....         | J. Darby (W).....     | 61    | 5 1/2  |
| Standing five jumps, with weights.....    | .....                 | .....     | .....         | J. Darby (W).....     | 76    | 3      |
| Standing ten jumps, without weights....   | B. J. Mulligan (A W)  | 116       | 3 1/2         | J. Darby (W).....     | 130   | 8      |
| Standing ten jumps, with weights.....     | R. G. Clapp.....      | 11        | 10 1/2        | G. Musgrove (W)....   | 10    | 10 1/2 |
| Pole vault for height.....                | A. H. Green.....      | 27        | 5             | .....                 | ..... | .....  |
| Pole vault for distance.....              | A. H. Brundage (A)... | 7         | 7             | .....                 | ..... | .....  |
| Bar vaulting, with two hands.....         | C. H. Atkinson (A)... | 7         | 3 1/2         | .....                 | ..... | .....  |
| Fence vaulting, with two hands.....       | I. D. Webster.....    | 5         | 6 1/2         | .....                 | ..... | .....  |
| Fence vaulting, with one hand.....        | C. C. Lee (A).....    | 9         | 8             | .....                 | ..... | .....  |
| Running high kick.....                    | M. F. Sweeney (A W)   | 9         | 4             | .....                 | ..... | .....  |
| Running hitch and kick.....               | .....                 | .....     | .....         | .....                 | ..... | .....  |

\* A. A. U. rules. † Seven inches raised take-off.

HURDLE-RACING.

| DISTANCE. | Hurdles. | Height. | Name.              | Time.  | DISTANCE.  | Hurdles. | Height. | Name.             | Time.  |
|-----------|----------|---------|--------------------|--------|------------|----------|---------|-------------------|--------|
|           |          |         |                    |        |            |          |         |                   |        |
| Yards.    |          | Ft. In. |                    | Sec.   | Yards.     |          | Ft. In. |                   | Sec.   |
| 40.....   | 3        | 3 6     | T. P. Curtis.....  | 5 4-5  | 220.....   | 9        | 3 6     | J. B. Hanna.....  | 29 3-5 |
| 60.....   | 5        | 3 6     | A. A. Jordan.....  | 8 1-5  | 220.....   | 10       | 2 6     | A. C. Kraenzlein. | 23 3-5 |
| 60.....   | 5        | 3 6     | A. A. Jordan.....  | 8 3-5  | 220.....   | 10       | 3 0     | C. T. Wiegand.... | 28 4-5 |
| 70.....   | 5        | 3 6     | S. Chase.....      | 9 1-5  | 220.....   | 10       | 2 6     | J. Lafon.....     | 34 1/2 |
| 80.....   | 7        | 3 6     | A. A. Jordan.....  | 10 1/2 | 250.....   | 10       | 2 6     | G. Schwiegler.... | 31 4-5 |
| 80.....   | 7        | 3 6     | A. A. Jordan.....  | 11 1/4 | 250.....   | 10       | 2 6     | A. C. Kraenzlein. | 36 3-5 |
| 100.....  | 8        | 2 6     | A. F. Copeland.... | 12 4-5 | 300.....   | 6        | 3 6     | G. B. Shaw.....   | 39 2-5 |
| 100.....  | 8        | 2 6     | H. L. Williams.... | 13 1/2 | 300.....   | 10       | 3 6     | G. B. Shaw.....   | 39 2-5 |
| 120.....  | 10       | 2 6     | A. F. Copeland.... | 14 3-5 | 300.....   | 10       | 3 6     | T. M. Donovan.... | 39 2-5 |
| 120.....  | 10       | 3 6     | A. C. Kraenzlein.  | 15 1-5 | 1-5 mile.. | 10       | 2 6     | F. C. Puffer..... | 44 4-5 |
| 135.....  | 10       | 3 6     | G. B. Shaw.....    | 17     | 440.....   | 10       | 2 6     | H. Arnold.....    | 56 1-5 |
| 138.....  | 10       | 3 6     | W. R. Pollock....  | 18     | 440.....   | 10       | 3 0     | G. B. Shaw.....   | 57 1-5 |
| 140.....  | 10       | 3 6     | G. B. Shaw.....    | 18 1-5 | 440.....   | 10       | 3 6     | A. H. Holder....  | 58 4-5 |
| 145.....  | 10       | 3 6     | G. B. Shaw.....    | 18 3-5 | 440.....   | 12       | 3 0     | S. Morris.....    | 59 4-5 |
| 200.....  | 10       | 3 6     | F. C. Puffer.....  | 26 3-5 | 440.....   | 16       | 2 6     | H. H. Moritz....  | 64     |
| 200.....  | 12       | 3 6     | D. Morgan.....     | 28 1/2 | 440.....   | 20       | 3 6     | W. H. McAlister   | 69     |
| 220.....  | 8        | 3 0     | Henry Arnold....   | 26 2-5 |            |          |         |                   |        |

POTATO RACING.

(In all races of this kind the potatoes are gathered one at a time.)

- 8 potatoes, 2 yards interval, with 5 yards additional at finish, total distance 149 yards—31 1-5s., C. J. P. Lucas, Medford, Mass., August 8, 1901.
- 10 potatoes, 5 feet interval, total distance 183 1-3 yards—49 2-5s., B. G. Woodruff, New York City, August 17, 1894.
- 10 potatoes, 2 yards interval, total distance 220 yards—51 1-5s., G. R. Preston, New York City, November 25, 1882.
- 10 potatoes, 2 yards interval, with 5 yards additional at finish, total distance 225 yards—48 1-5s., Arthur H. Kent, New York City, November 27, 1899.
- 12 potatoes, 4 feet interval, total distance 208 yards—55s., C. G. Carr, Rochester, N. Y., June 16, 1877.
- 15 potatoes, 2 yards interval, total distance 480 yards—1m. 57 1-4s., E. P. Harris, Amherst, Mass., October 9, 1881.
- 15 potatoes, 5 yards interval, total distance 1,290 yards—4m. 40 3-8s., H. F. Snow, Hanover, N. H., May 22, 1879.
- 25 potatoes, 1 yard interval, total distance 650 yards—2m. 39 1-2s., M. Brewer, Williamstown, Mass., October 18, 1879.
- 30 potatoes, 1 yard interval, total distance 930 yards—3m. 32s., C. Donaldson, Clinton, N. Y., May 28, 1881.
- 50 potatoes, 1 yard interval, total distance 1 mile 790 yards—11m. 29s., G. R. Starke, Montreal, P. Q., June 8, 1878; 9m. 23 1-2s., J. Shaw, Manchester, Eng., August 10, 1874.
- 50 potatoes, 1 yard interval, but the basket 10 yards instead of 1 yard from the first potato, total distance 1 mile 1,690 yards—13m. 15s., T. R. Pakeman, Cheltenham, Eng., April 6, 1892.

ATHLETIC SPORTS—Continued.

WEIGHT-THROWING AND SHOT-PUTTING.

| WEIGHT AND CONDITIONS.                      |                         | Amateur. |     | Distance.              |     | Professional. |  | Distance. |  |
|---------------------------------------------|-------------------------|----------|-----|------------------------|-----|---------------|--|-----------|--|
|                                             |                         |          |     | Ft. In.                |     |               |  | Ft. In.   |  |
| Throwing 56-lb. weight from 7-ft. circle.   | J. Flanagan (A W)...    | 36       | 9½  | P. Foley (A).....      | 28  | 5             |  |           |  |
| Throwing 56-lb. weight, without follow.     | J. S. Mitchell (A W)... | 27       | 4   |                        |     |               |  |           |  |
| Throwing 56-lb. weight, bet. legs, standing | W. J. M. Barry (W)...   | 27       | 0   |                        |     |               |  |           |  |
| Throwing 56-lb. weight for height.....      | J. S. Mitchell (A W)... | 15       | 6½  |                        |     |               |  |           |  |
| Throwing 56-lb. weight over a bar.....      | J. S. Mitchell (A W)... | 13       | 7¾  |                        |     |               |  |           |  |
| Throwing 12-lb. hammer, without follow.     | W. L. Coudon (A W)...   | 124      | 11  | G. Perrie (A W).....   | 135 | 5½            |  |           |  |
| Throwing 12-lb. hammer from 7-ft. circle.   | W. L. Coudon (A W)...   | 164      | 2   | T. Carroll (A W)....   | 183 | 6             |  |           |  |
| Throwing 14-lb. hammer, without follow.     | W. L. Coudon (A W)...   | 115      | 4   |                        |     |               |  |           |  |
| Throwing 14-lb. hammer from 7-ft. circle.   |                         |          |     |                        |     |               |  |           |  |
| Throwing 16-lb. hammer, without follow.     | W. O. Hickok (A W)...   | 113      | 11  | G. H. Johnstone (W)... | 119 | 0½            |  |           |  |
| Throwing 16-lb. hammer from 7-ft. circle.   | J. Flanagan (A W)...    | 171      | 9   | T. Carroll (A W)....   | 165 | 0             |  |           |  |
| Throwing 16-lb. hammer from 9-ft. circle.   | J. Flanagan (A W)...    | 164      | 6   |                        |     |               |  |           |  |
| Throwing 21-lb. hammer, without follow.     | C. Queckberner (A W)... | 82       | 3½  | G. Davidson (W)....    | 79  | 0             |  |           |  |
| Throwing 21-lb. hammer from 7-ft. circle.   | C. Queckberner (A W)... | 90       | 3   | T. Carroll (A W)....   | 112 | 1½            |  |           |  |
| Throwing 21-lb. hammer from 9-ft. circle.   |                         |          |     | T. Carroll (A W)....   | 121 | 10            |  |           |  |
| Putting 12-lb. shot*.....                   | G. R. Gray (A W)....    | 55       | 2   | J. McPherson (A W)...  | 50  | 0½            |  |           |  |
| Putting 14-lb. shot*.....                   | G. R. Gray (A W)....    | 51       | 5½  | C. J. Currie (W)....   | 51  | 4             |  |           |  |
| Putting 16-lb. shot*.....                   | G. R. Gray (A W)....    | 47       | 0   | G. Perrie (W).....     | 44  | 8             |  |           |  |
| Putting 18-lb. shot*.....                   | G. R. Gray (A W)....    | 41       | 9½  |                        |     |               |  |           |  |
| Putting 20-lb. shot*.....                   | G. R. Gray (A W)....    | 38       | 7½  | J. D. McPherson (W)... | 40  | 11¼           |  |           |  |
| Putting 21-lb. shot*.....                   | G. R. Gray (A W)....    | 39       | 1½  |                        |     |               |  |           |  |
| Putting 22-lb. shot*.....                   | D. McKinnon (W)....     | 35       | 10½ | C. McLean (W).....     | 37  | 8             |  |           |  |
| Putting 24-lb. shot*.....                   | G. R. Gray (A W)....    | 33       | 13¼ |                        |     |               |  |           |  |
| Throwing discus (4½ lbs.) from 7-ft. circle | M. J. Sheridan (A W)... | 127      | 8¾  |                        |     |               |  |           |  |

\* Amateur style, 7-ft. circle. Professional style, 7-ft. 6-in. run.

WALKING.

| DISTANCE, MILES. | American Amateur Records. |       | Time. | English Amateur Records. |                      | Time. | Professional Records. |        | Time.                |     |     |     |
|------------------|---------------------------|-------|-------|--------------------------|----------------------|-------|-----------------------|--------|----------------------|-----|-----|-----|
|                  | H.                        | M. S. |       | H.                       | M. S.                |       | H.                    | M. S.  |                      |     |     |     |
| 1*.....          | F. P. Murray.....         | 6     | 29    | 3-5                      | H. Whyatt.....       | 6     | 32                    | 1-5    | W. Perkins (E.)..... | 6   | 23  |     |
| 2.....           | F. P. Murray.....         | 13    | 48    | 3-5                      | W. J. Sturgess.....  | 13    | 24                    |        | J. W. Raby (E.)..... | 13  | 14  |     |
| 3.....           | F. P. Murray.....         | 21    | 09    | 1-5                      | W. J. Sturgess.....  | 21    | 14                    |        | J. W. Raby (E.)..... | 20  | 21½ |     |
| 4.....           | T. H. Armstrong, Jr.....  | 29    | 40    | 4-5                      | W. J. Sturgess.....  | 28    | 24-4-5                |        | J. W. Raby (E.)..... | 27  | 38  |     |
| 5.....           | W. H. Purdy.....          | 38    | 00    | 0½                       | W. J. Sturgess.....  | 36    | 27                    |        | J. W. Raby (E.)..... | 35  | 10  |     |
| 6.....           | E. E. Merrill.....        | 45    | 28    |                          | W. J. Sturgess.....  | 43    | 58                    | 3-5    | J. W. Raby (E.)..... | 43  | 01  |     |
| 7.....           | E. E. Merrill.....        | 54    | 07    |                          | W. J. Sturgess.....  | 51    | 27                    |        | J. W. Raby (E.)..... | 51  | 04  |     |
| 8.....           | J. B. Clark.....          | 1     | 02    | 05½                      | W. J. Sturgess.....  | 58    | 56                    |        | J. Meagher (A.)..... | 55  | 37  |     |
| 9.....           | E. E. Merrill.....        | 1     | 09    | 08                       | W. J. Sturgess.....  | 1     | 09                    | 31-2-5 | J. W. Raby (E.)..... | 1   | 07  | 14  |
| 10.....          | E. E. Merrill.....        | 1     | 17    | 40½                      | W. J. Sturgess.....  | 1     | 17                    | 38-4-5 | J. W. Raby (E.)..... | 1   | 14  | 45  |
| 11.....          | W. S. Hart.....           | 1     | 35    | 06                       | W. J. Sturgess.....  | 1     | 25                    | 53-2-5 | J. W. Raby (E.)..... | 1   | 22  | 38  |
| 12.....          | E. D. Lange.....          | 1     | 45    | 55                       | W. J. Sturgess.....  | 1     | 34                    | 34     | J. W. Raby (E.)..... | 1   | 30  | 34  |
| 13.....          | W. O'Keefe.....           | 1     | 55    | 25                       | W. J. Sturgess.....  | 1     | 42                    | 52-2-5 | J. W. Raby (E.)..... | 1   | 38  | 45½ |
| 14.....          | W. O'Keefe.....           | 2     | 05    | 05                       | J. Butler.....       | 1     | 52                    | 18-3-5 | J. W. Raby (E.)..... | 1   | 47  | 11½ |
| 15.....          | W. O'Keefe.....           | 2     | 14    | 44                       | J. Butler.....       | 2     | 00                    | 43-3-5 | J. W. Raby (E.)..... | 1   | 55  | 56  |
| 20.....          | J. B. Clark.....          | 3     | 08    | 10                       | J. Butler.....       | 2     | 49                    | 26     | W. Perkins (E.)..... | 2   | 39  | 57  |
| 30.....          | T. H. Armstrong.....      | 5     | 33    | 08                       | N. E. W. Coston..... | 4     | 46                    | 52     | W. Howes (E.).....   | 4   | 34  | 54  |
| 40.....          | T. H. Armstrong.....      | 7     | 25    | 41                       | A. W. Sinclair.....  | 6     | 38                    | 03     | W. Howes (E.).....   | 6   | 16  | 50  |
| 50.....          | G. B. Gillie.....         | 9     | 29    | 22                       | A. W. Sinclair.....  | 8     | 25                    | 25½    | H. Hibberd (E.)..... | 7   | 54  | 16  |
| 60.....          | G. B. Gillie.....         | 11    | 48    | 53                       | A. W. Sinclair.....  | 11    | 11                    | 10     | H. Hibberd (E.)..... | 9   | 40  | 47  |
| 70.....          | G. B. Gillie.....         | 13    | 57    | 40                       | A. W. Sinclair.....  | 13    | 11                    | 15     | H. Hibberd (E.)..... | 11  | 38  | 35  |
| 80.....          | G. B. Gillie.....         | 16    | 35    | 35                       | A. W. Sinclair.....  | 15    | 09                    | 16     | W. Howes (E.).....   | 14  | 01  | 53  |
| 90.....          | G. B. Gillie.....         | 18    | 48    | 00                       | A. W. Sinclair.....  | 17    | 37                    | 51     | W. Howes (E.).....   | 15  | 39  | 10  |
| 100.....         | G. B. Gillie.....         | 21    | 00    | 42                       | A. W. Sinclair.....  | 19    | 41                    | 50     | W. Howes (E.).....   | 18  | 08  | 50  |
| 120.....         |                           |       |       |                          | A. W. Sinclair.....  | 23    | 53                    | 03     | W. Howes (E.).....   | 22  | 06  | 25  |
| 150.....         |                           |       |       |                          |                      |       |                       |        | Littlewood (E.)..... | 30  | 36  | 23  |
| 200.....         |                           |       |       |                          |                      |       |                       |        | Littlewood (E.)..... | 40  | 46  | 30  |
| 250.....         |                           |       |       |                          |                      |       |                       |        | Littlewood (E.)..... | 55  | 12  | 22  |
| 300.....         |                           |       |       |                          |                      |       |                       |        | Littlewood (E.)..... | 66  | 30  | 00  |
| 400.....         |                           |       |       |                          |                      |       |                       |        | Littlewood (E.)..... | 96  | 51  | 03  |
| 500.....         |                           |       |       |                          |                      |       |                       |        | Littlewood (E.)..... | 130 | 33  | 45  |
| 531.....         |                           |       |       |                          |                      |       |                       |        | Littlewood (E.)..... | 138 | 49  | 30  |

| TIME.         | Amateur Record.          | Distance. Miles. Yards. | Professional Record. | Distance. Miles. Ya-ds. |
|---------------|--------------------------|-------------------------|----------------------|-------------------------|
| 1 hour.....   | W. J. Sturgess (E.)..... | 8 270                   | J. Meagher (A).....  | 8 302                   |
|               | J. B. Clark (A.).....    | 7 1,318                 |                      |                         |
| 24 hours..... | A. W. Sinclair (E.)..... | 120                     | W. Howes (E.).....   | 127 1,210               |

\* World's amateur record, 6 m. 27 2-5 s., by F. H. Creamer, an Australian.

The Individual All-Round Amateur Athletic Championship of America was won, for the second time, by Adam B. Gunn, of Buffalo, with 6,260½ points.

The twenty-seventh annual Intercollegiate Athletic Championship was contested on Berkeley Oval, New York, May 25, 1902, and won by Harvard with 34 points. The other contestants scored as follows: Yale, 30; Princeton, 27; Amherst, 11; Georgetown, 10; Univ. of Penn., 9; Univ. of California, 8; Syracuse, 8; Cornell, 3; Columbia, 3.

In the separate college matches Univ. of California beat Princeton 7 points to 6 (counting only firsts), Cornell beat Univ. of Penn. 67 to 50, and Harvard beat Yale 61½ to 42½.

The Western Intercollegiate Championship was contested at Chicago, May 31, 1902, and won by

ATHLETIC SPORTS—Continued.

Michigan, with 36 points. The other contestants scored as follows: Chicago, 25; Wisconsin, 19; Drake University, 10; Minnesota, 9; Beloit, 8; Illinois, 6; Notre Dame, 5; Iowa, 5; Northwestern, 3. Yale defeated the Univ. of California in a match at Yale (May 11), by 8 5-6 points to 4 1-6 points. In the interuniversity (Eng.) contests, Oxford won (March 22) over Cambridge by 5 events to 4. The National Championship in Gymnastics resulted as follows:

|                                   |                        |       |                             |
|-----------------------------------|------------------------|-------|-----------------------------|
| Horizontal bar.....               | E. C. Brendlin.....    | 35¼   | points out of a possible 45 |
| Parallel bars.....                | Joseph Buner.....      | 40¼   | points out of a possible 45 |
| Rope climbing (18 feet).....      | Ed. Kumath.....        | 3 3-5 | seconds                     |
| Side horse.....                   | Joseph Buner.....      | 38    | points out of a possible 45 |
| Flying rings.....                 | Ed. Kumath.....        | 37¼   | points out of a possible 45 |
| Tumbling.....                     | Paul R. E. Stefer..... | 39¼   | points out of a possible 45 |
| Long horse.....                   | Anton Jaboda.....      | 33    | points out of a possible 45 |
| Swinging Indian clubs.....        | Fred. Metz, Jr.....    | 26¼   | points out of a possible 45 |
| All-round standing apparatus..... | E. C. Brendlin.....    | 129¼  | points                      |

American athletes abroad won the following events: In the championship events of the English Athletic Association, Arthur Duffy won the 100 yards in 10s.

S. S. Jones (New York) won the high jump at 6 ft. 3 in.

W. W. Coe, who won the shot put at 42 ft. 10¼ in. for Oxford and London Athletic Club, is an American. Robert Edgren, of New York, was second, 38 ft. 8 in.

Swimming.

BEST PERFORMANCES ON RECORD.

(A.) American, (Aus.) Australian, (E.) English.

| DISTANCE.   | AMATEUR RECORDS.        |                 |                     |              | PROFESSIONAL RECORDS.              |            |
|-------------|-------------------------|-----------------|---------------------|--------------|------------------------------------|------------|
|             | Made in Baths.          |                 | Made in Open Water. |              | *Open Water. Others made in baths. |            |
|             | Holder.                 | Time.           | Holder.             | Time.        | Holder.                            | Time.      |
| 25 yards    | H. A. Widemann (A.)     | H. M. S. 13 4-5 | W. C. Johnson (A.)  | M. S. 14 4-5 | .....                              | M. S. .... |
| 40 yards    | W. Evans (E.)           | 22 1-5          | .....               | .....        | .....                              | .....      |
| 50 yards    | J. H. Derbyshire (E.)   | 26 2-5          | W. B. Izard (A.)    | 31 4-5       | J. Haggerty                        | 24         |
| 60 yards    | E. C. Schaefer (A.)     | 37              | .....               | .....        | .....                              | .....      |
| 75 yards    | H. A. Widemann (A.)     | 42              | W. C. Johnson (A.)  | 52 4-5       | .....                              | .....      |
| 80 yards    | E. C. Schaefer (A.)     | 51 2-5          | .....               | .....        | J. Haggerty                        | 51         |
| 100 yards   | J. H. Derbyshire (E.)   | 1 00            | E. C. Schaefer (A.) | 1 05 3-5     | S. Cavill                          | 1 02¾      |
| 120 yards   | J. H. Derbyshire (E.)   | 1 16 2-5        | .....               | .....        | J. Nuttall                         | 1 18 2-5   |
| 150 yards   | J. H. Derbyshire (E.)   | 1 38 4-5        | A. T. Kenny (A.)    | 2 11 2-5     | J. Nuttall                         | 1 41 2-5   |
| 200 yards   | J. H. Tyers (E.)        | 2 20            | .....               | .....        | J. Nuttall                         | 2 21       |
| 220 yards   | { F. C. Lane (Aus.)     | 2 38 1-5        | E. C. Schaefer (A.) | 2 50 4-5     | J. Nuttall                         | 2 37       |
|             | { J. H. Derbyshire (E.) | 2 38 1-5        | .....               | .....        | .....                              | .....      |
| 300 yards   | J. H. Derbyshire (E.)   | 3 37 2-5        | .....               | .....        | .....                              | .....      |
| 400 yards   | J. A. Jarvis (E.)       | 5 13 1-5        | .....               | .....        | .....                              | .....      |
| 440 yards   | Richard Cavill (N. Z.)  | 5 37½           | E. C. Schaefer (A.) | 6 18 1-5     | J. Nuttall                         | 5 51       |
| 500 yards   | J. A. Jarvis (E.)       | 6 54            | .....               | .....        | J. Nuttall                         | 6 38¼      |
| 600 yards   | J. A. Jarvis (E.)       | 8 03            | .....               | .....        | .....                              | .....      |
| 650 yards   | .....                   | .....           | J. A. Jarvis (E.)   | 9 16         | .....                              | .....      |
| 880 yards   | Richard Cavill          | 11 68           | R. Cavill (Aus.)    | 12 45 2-5    | J. Nuttall                         | 12 13¾     |
| 1,000 yards | J. A. Jarvis (E.)       | 13 43           | J. A. Jarvis (E.)   | 14 10        | J. Nuttall                         | 13 54¾     |
| 1 mile      | Richard Cavill          | 21 11 2-5       | J. A. Jarvis (E.)   | 25 13 2-5    | J. Nuttall*                        | 26 08      |
| 2 miles     | P. Neuman (A.)          | 1 08 07¼        | .....               | .....        | .....                              | .....      |
| 3 miles     | P. Neuman (A.)          | 1 45 49         | .....               | .....        | .....                              | .....      |
| 4 miles     | P. Neuman (A.)          | 2 22 29 3-5     | .....               | .....        | .....                              | .....      |
| 5 miles     | P. Neuman (A.)          | 2 58 00¼        | .....               | .....        | .....                              | .....      |

The long-distance sea-swimming records are—

|                                                                      |                  |
|----------------------------------------------------------------------|------------------|
| Mercardier, 20 miles, with current.....                              | H. M. S. 4 59 46 |
| Webb, 40 miles, with the tide.....                                   | 9 57 00          |
| Miss Beckwith, 20 miles, with current.....                           | 6 25 00          |
| Webb, 20 miles (made 35 by tides), crossing the English Channel..... | 21 45 00         |

SWIMMING ON THE BACK.

| DISTANCE.              | Time.  |                     | Record Holder. |
|------------------------|--------|---------------------|----------------|
|                        | M. S.  | H. M. S.            |                |
| 40 yards in bath.....  | 29 3-5 | H. H. Reeder (A.)   |                |
| 50 yards in bath.....  | 36 1-5 | E. C. Schaefer (A.) |                |
| 100 yards in bath..... | 1 13   | C. Martin (E.)      |                |

BY WOMEN SWIMMERS.

| DISTANCE.                              | Time.    |                       | Record Holder. |
|----------------------------------------|----------|-----------------------|----------------|
|                                        | H. M. S. | M. S.                 |                |
| 150 yards (Woods' Baths, England)..... | 2 40     | Miss M. Howarth (E.)  |                |
| 1 mile (open water).....               | 35 34¼   | Miss Theresa Johnson. |                |
| 2 miles (Hastings Baths).....          | 1 21 27  | Miss L. Sergeman (E.) |                |
| 3 miles (Hastings Baths).....          | 2 09 47¼ | Miss L. Sergeman (E.) |                |
| 20 miles (Thames River).....           | 6 25 00  | Miss A. Beckwith (E.) |                |

## RECORD OF BEST PERFORMANCES ON THE RUNNING TURF.

(Revised to December 1, 1902.)

| DISTANCE.            | Name, Age, Weight, and Sire.                        | Place.                       | Date.               | Time.    |
|----------------------|-----------------------------------------------------|------------------------------|---------------------|----------|
| ¼ mile.....          | Bob Wade, 4.....                                    | Butte, Mont.....             | Aug. 20, 1890.....  | 0.21½    |
| ¾ ".....             | { Red S., aged, 123 lbs.....                        | Butte, Mont.....             | July 22, 1896.....  | 0.34     |
| ¾ ".....             | { Fashion, 4.....                                   | Lampasas, Tex.....           | Aug. 15, 1891.....  | 0.34     |
| ¾ ".....             | { Geraldine, 4, 123 lbs.....                        | Morris Park (st. c.).....    | Aug. 30, 1899.....  | 0.46     |
| ¾ ".....             | { Bessie Macklin, 2, 100 lbs.....                   | Dallas, Tex.....             | Oct. 3, 1899.....   | 0.46½    |
| ½ furlongs.....      | Handpress, 2, by Hanover, 100 lbs.....              | New York J. C. (st. c.)..... | May 26, 1897.....   | 0.52     |
| ½ furlongs.....      | { Maid Marian, 4, by Imp. Great Tom, 111 lbs.....   | New York J. C. (st. c.)..... | Oct. 9, 1894.....   | 0.56½    |
| ½ furlongs.....      | { Lady Urian, 3, 106 lbs.....                       | Morris Park (st. c.).....    | Oct. 3, 1900.....   | 0.58     |
| ½ furlongs.....      | { Bedeck, 2, 107 lbs.....                           | Morris Park (st. c.).....    | May 22, 1900.....   | 0.58½    |
| ½ furlongs.....      | { Templeton, 2, 104 lbs.....                        | Morris Park (st. c.).....    | Oct. 17, 1900.....  | 0.58½    |
| ½ furlongs.....      | { Plater, 2, by Henry of Navarre, 107 lbs.....      | Morris Park (st. c.).....    | Oct. 21, 1902.....  | 1.02½    |
| Futurity Course..... | Kingston, aged, by Spendthrift, 139 lbs.....        | Coney Island, N. Y.....      | June 22, 1891.....  | 1.08     |
| ¾ mile.....          | { Firearm, 4, by Rayon d'Or, 120 lbs.....           | Morris Park (st. c.).....    | Oct. 3, 1899.....   | 1.08½    |
| ¾ mile.....          | { Endurance, by Right, 2, 112 lbs.....              | Coney Island, N. Y.....      | Sept. 28, 1901..... | 1.08½    |
| ¾ mile.....          | { Domino, 2, by Himyar, 128 lbs.....                | New York J. C. (st. c.)..... | Sept. 29, 1893..... | 1.09     |
| ¾ mile.....          | { Bummer, 4, 80 lbs.....                            | Kinlock Pl. St. Louis.....   | Oct. 17, 1900.....  | 1.12     |
| ¾ mile.....          | { Lux Casta, 3, 111 lbs.....                        | Brighton Beach, N. Y.....    | July 25, 1902.....  | 1.12     |
| ¾ mile.....          | { McChesney, 2, 105 lbs.....                        | Chicago (Harlem).....        | Oct. 2, 1901.....   | 1.18 4-5 |
| ¾ mile.....          | { Glennellie, 3, 100 lbs.....                       | Sheepshead Bay, N. Y.....    | June 21, 1901.....  | 1.19 1-5 |
| ¾ mile.....          | { George, 3, by Ragnarok, 102 lbs.....              | Chicago (Hawthor'e).....     | Sept. 16, 1899..... | 1.19½    |
| ¾ mile.....          | { Toluca, 2, 105 lbs.....                           | Cincinnati, O.....           | June 10, 1901.....  | 1.19½    |
| ¾ mile.....          | { Bella B., 5, by Enquirer, 103 lbs.....            | Monmouth P. (st. c.).....    | July 8, 1890.....   | 1.22½    |
| ¾ mile.....          | { The Musketeer, 4, 108 lbs.....                    | Saratoga, N. Y.....          | Aug. 18, 1902.....  | 1.25     |
| ¾ furlongs.....      | Dunols, 5, by Florist, 105 lbs.....                 | Oakland, Cal.....            | Feb. 21, 1899.....  | 1.32½    |
| ¾ furlongs.....      | { Salvator, 4, by Imp. Prince Charlie, 110 lbs..... | Monmouth P. (st. c.).....    | Aug. 28, 1890.....  | 1.35½    |
| ¾ furlongs.....      | { Kildeer, 4, by Imp. Darebin, 91 lbs.....          | Monmouth P. (st. c.).....    | Aug. 13, 1892.....  | 1.37½    |
| ¾ furlongs.....      | { Brigadier, 4, 112 lbs. (on circular track).....   | Sheepshead Bay, N. Y.....    | June 22, 1901.....  | 1.37 4-5 |
| ¾ furlongs.....      | { Voter, 6, 123 lbs.....                            | Brighton Beach, N. Y.....    | July 17, 1900.....  | 1.38     |
| ¾ furlongs.....      | { Orimar, 6, 109 lbs.....                           | Chicago (Wash. Park).....    | July 21, 1900.....  | 1.38     |
| ¾ furlongs.....      | { Maid Marian, 3, by Imp. Great Tom, 101 lbs.....   | Chicago (Wash. Park).....    | July 21, 1893.....  | 1.40     |
| ¾ furlongs.....      | { Macy, 4, by Hindoo, 107 lbs.....                  | Chicago (Wash. Park).....    | July 2, 1899.....   | 1.40     |
| ¾ furlongs.....      | { Floronzo, 3, by Fonso, 95 lbs.....                | Chicago (Wash. Park).....    | July 6, 1898.....   | 1.42½    |
| ¾ furlongs.....      | { Jiminez, 3, 101 lbs.....                          | Chicago (Harlem).....        | Sept. 5, 1901.....  | 1.42 3-5 |
| ¾ furlongs.....      | { Lillian Lee, 3, by Lisbon, 95 lbs.....            | Chicago (Harlem).....        | July 31, 1894.....  | 1.43½    |
| ¾ furlongs.....      | { Blue Girl, 2, 124 lbs.....                        | Morris Park, N. Y.....       | May 23, 1901.....   | 1.44½    |
| ¾ furlongs.....      | { Hyphen, 3, 102 lbs.....                           | Brighton Beach, N. Y.....    | July 26, 1902.....  | 1.44 4-5 |
| ¾ furlongs.....      | { Bonnhert, 4, 120 lbs.....                         | Brighton Beach, N. Y.....    | July 30, 1902.....  | 1.51     |
| ¾ furlongs.....      | { Watercure, 3, 100 lbs.....                        | Brighton Beach, N. Y.....    | July 18, 1900.....  | 1.51 1-5 |
| ¾ furlongs.....      | { Prince of Melbourne, 4, 106 lbs.....              | Brighton Beach, N. Y.....    | July 11, 1901.....  | 1.52     |
| ¾ furlongs.....      | { Scintillant II., 6, 109 lbs.....                  | Chicago.....                 | Sept. 1, 1902.....  | 1.57 2-5 |
| ¾ furlongs.....      | { Tenant, 3, by Imp. Rayon d'Or, 108 lbs.....       | Monmouth P. (st. c.).....    | July 17, 1890.....  | 2.03½    |
| ¾ furlongs.....      | { Gold Heels, 4, 126 lbs.....                       | Brighton Beach, N. Y.....    | July 5, 1902.....   | 2.03 4-5 |
| ¾ furlongs.....      | { Charentus, 6, 106 lbs.....                        | Empire City J. C., N. Y..... | Oct. 22, 1900.....  | 2.04     |
| ¾ furlongs.....      | { David Tenny, 4, by Tenny, 100 lbs.....            | Chicago (Wash. Park).....    | July 16, 1898.....  | 2.04½    |
| ¾ furlongs.....      | { Bend Or, 4, by Buckden, 115 lbs.....              | Saratoga, N. Y.....          | July 25, 1892.....  | 2.10½    |
| ¾ furlongs.....      | { Sir John, 4, by Sir Modred, 116 lbs.....          | New York J. C.....           | June 9, 1892.....   | 2.14½    |
| ¾ furlongs.....      | { Sabine, 4, by Rossington, 109 lbs.....            | Chicago (Wash. Park).....    | July 5, 1894.....   | 2.18½    |
| ¾ furlongs.....      | { Goodrich, 3, by Patron, 102 lbs.....              | Chicago (Wash. Park).....    | July 16, 1898.....  | 2.30½    |
| ¾ furlongs.....      | { Major Daingerfield, 3, 123 lbs.....               | Sheepshead Bay.....          | July 4, 1902.....   | 2.47 3-5 |
| ¾ furlongs.....      | { Ethelbert, 4, 126 lbs.....                        | Morris Park, N. Y.....       | Oct. 13, 1900.....  | 2.58½    |
| ¾ furlongs.....      | { Latson, 6, 95 lbs.....                            | Morris Park, N. Y.....       | Oct. 19, 1901.....  | 2.58½    |
| ¾ furlongs.....      | { Julius Caesar, 5, 108 lbs.....                    | New Orleans, La.....         | Feb. 27, 1900.....  | 3.19     |
| ¾ furlongs.....      | { Judge Denny, 5, by Fonso, 105 lbs.....            | Oakland (Cal. J. C.).....    | Feb. 12, 1898.....  | 3.26½    |
| ¾ furlongs.....      | { Ten Broeck, 5, by Imp. Phaeton, 110 lbs.....      | Louisville, Ky.....          | May 29, 1877.....   | 3.27½    |
| ¾ furlongs.....      | { Kinley Mack, 4, 128 lbs.....                      | Coney Island, N. Y.....      | Aug. 29, 1900.....  | 3.27 4-5 |
| ¾ furlongs.....      | { Joe Murphy, 4, by Isaac Murphy, 99 lbs.....       | Chicago (Harlem).....        | Aug. 30, 1894.....  | 3.42     |
| ¾ furlongs.....      | { Ethelbert, 4, 124 lbs.....                        | Brighton Beach, N. Y.....    | Aug. 4, 1900.....   | 3.49     |
| ¾ furlongs.....      | { Kyrat, 3, by Teuton, 88 lbs.....                  | Newport, Ky.....             | Nov. 18, 1899.....  | 4.24½    |
| ¾ furlongs.....      | { Ten Broeck, 4, by Imp. Phaeton, 104 lbs.....      | Lexington, Ky.....           | Sept. 16, 1876..... | 4.28½    |
| ¾ furlongs.....      | { Hubbard, 4, by Planet, 107 lbs.....               | Saratoga, N. Y.....          | Aug. 9, 1873.....   | 4.56½    |
| ¾ furlongs.....      | { Drake Carter, 4, by Ten Broeck, 115 lbs.....      | Sheepshead Bay, N. Y.....    | Sept. 6, 1884.....  | 5.24     |
| ¾ furlongs.....      | { Lucrezia Borgia, 4, by Imp. Brutus, 85 lbs.....   | Oakland (Cal. J. C.).....    | May 20, 1897.....   | 7.11     |
| ¾ furlongs.....      | { The Bachelor, 6, by Judge Murray, 113 lbs.....    | Oakland (Cal. J. C.).....    | Feb. 22, 1899.....  | 7.16½    |

\* Course, 170 feet less than ¾-mile.

† Races against time.

St. c., straight course.

## PRINCIPAL STAKE WINNERS OF 1902.

March 21—Grand National (English) Steeplechase (4½ miles): A. Gorham's Shannon Lass.  
 April 8—Tennessee Derby (1½ miles): John W. Schorr's Abe Frank; time, 1.57½.  
 May 3—Kentucky Derby (1¼ miles): T. C. McDowell's Alan-a-Dale.  
 May 5—Metropolitan Handicap (1 mile): A. Featherstone's Arsenal (80 lbs.); time, 1.42.  
 May 22—The Belmont Stakes: August Belmont's Masterman (126 lbs.); time, 2.22 3-5.  
 May 24—The Brooklyn Handicap (1 mile): A. Featherstone's filly Reina; time, 2.07.  
 June 6—The Oaks (English) (1½ miles): R. S. Sievier's Sceptre.  
 June 7—Great American Stakes: J. R. & F. P. Keene's Dalesman (115 lbs.); time, 1.00.  
 June 14—Suburban Handicap (1¼ miles): Gen. F. C. McLewee's Gold Heels (124 lbs.); time, 2.05 1-5.  
 June 21—The American Derby (1½ miles): J. A. Drake's Wyeth (122 lbs.); time, 2.40 1-5.  
 June 21—The Tidal Stakes: Gen. F. C. McLewee's Major Daingerfield (126 lbs.); time, 2.00 3-5.  
 July 4—The Lawrence Realization (1½ miles): Gen. F. C. McLewee's Major Daingerfield; time, 2.47 2-5.  
 August 16—United States Hotel Stakes (Saratoga): Skiful.  
 August 30—The Futurity: John A. Drake's Savable; time, 1.14.

THE AMERICAN TURF—Continued.

HURDLE RACES.

| DISTANCE.        | Name.                                          | Place.                 | Date.         | Time.    |
|------------------|------------------------------------------------|------------------------|---------------|----------|
| 1 mile.....      | Swannanoe, aged, by Red Dick, 120 lbs..        | Brighton Beach, N. Y.  | July 16, 1881 | 1.50     |
| 1 1-16 miles.... | Judge Jackson, aged, by Buckden, 138 lbs       | Latonia, Ky.           | May 29, 1886  | 1.59 3/4 |
| 1 1/4 " "        | Winslow, 4, by Ten Broeck, 138 lbs.....        | Westside, Chicago, Ill | Aug. 29, 1888 | 2.02 3/4 |
| 1 3-16 " "       | Jim Murphy, 4, by Fellowcraft, 133 lbs..       | Saratoga, N. Y.        | Aug. 21, 1888 | 2.12     |
| 1 1/4 " "        | Bourke Cockran, 4, by War Dance, 127 lbs       | Brighton Beach, N. Y.  | Nov. 9, 1882  | 2.35     |
| 1 3/4 " "        | Guy, aged, by Narragansett, 155 lbs.....       | Latonia, Ky.           | Oct. 8, 1885  | 2.36     |
| 1 1/4 " "        | { Kitty Clark, 3, by Glenelg, 130 lbs.....     | Brighton Beach, N. Y.  | Aug. 9, 1881  | } 2.47   |
|                  | { Speculation, 6, by Dan'l Boone, 125 lbs.     | Brighton Beach, N. Y.  | July 19, 1881 |          |
| 1 5/8 " "        | Turkman, 5, by Revolver, 140 lbs.....          | Saratoga, N. Y.        | Aug. 7, 1882  | 3.16     |
| 1 3/4 " "        | { Kitty Clark, 4, by Glenelg, 142 lbs.....     | Monmouth, N. J.        | July 12, 1882 | } 3.17   |
|                  | { Challenger, 4, by Imp. Martenburgh, 154 lbs. |                        |               |          |
| 2 " "            | Forget, 5, by Exile, 158 lbs.....              | Morris Park, N. Y.     | May 18, 1898  |          |
| 3 1/4 " "        | Buckra, aged, by Buckden, 168 lbs.....         | Sheepshead Bay, N. Y.  | Aug. 31, 1898 | 3.45 1/2 |
|                  |                                                | Sheepshead Bay, N. Y.  | June 21, 1887 | 4.26     |
| Mile heats.      | Will Davis, aged, by Fadadeen, 140 lbs.        | Chicago, Ill.          | July 3, 1886  | 1.49 1/2 |

Harness Racing.

TROTTING.

| DISTANCE.                  | Name.             | Place.                     | Date.          | Time.       |
|----------------------------|-------------------|----------------------------|----------------|-------------|
| 1 mile (world's record)... | Cresceus*.....    | Columbus, Ohio.....        | Aug. 2, 1901   | 2.02 1/4    |
| 1 " " in a race.....       | Cresceus*.....    | New York, N. Y.....        | Aug. 15, 1901  | 2.03 1/4    |
| 1 " " on half-mile track.  | Cresceus*.....    | Kansas City, Mo.....       | Oct. 24, 1901  | 2.09 1/4    |
| 1 " " by a stallion.....   | Cresceus*.....    | Columbus, Ohio.....        | Aug. 2, 1901   | 2.02 1/4    |
| 1 " " gelding.....         | The Abbot*.....   | Terre Haute, Ind.....      | Sept. 25, 1900 | 2.03 1/4    |
| 1 " " mare.....            | Alix*.....        | Galesburg, Ill.....        | Sept. 19, 1894 | 2.03 1/4    |
| 1 " " (with runn'g mate)   | Ayres P.*.....    | Kirkwood, Del. (kite)      | July 3, 1893   | 2.03 1/2    |
| 1 " " by a yearling.....   | { Pansy McGregor. | Holton, Kan. (kite)        | Nov. 18, 1893  | } 2.23 1/4  |
|                            | { Adbell*.....    | San José, Cal. (reg.)      | Sept. 28, 1894 |             |
| 1 " " two-year-old..       | { Arion*.....     | Stockton, Cal. (kite)      | Nov. 10, 1891  | } 2.10 1/4  |
|                            | { Jupe.....       | Boston, Mass.....          | Sept. 28, 1896 |             |
| 1 " " three-year-old       | Fantasy.....      | Nashville, Tenn. (reg.)    | Oct. 17, 1893  | 2.08 1/4    |
| 1 " " four-year-old..      | { Directum.....   | Nashville, Tenn. (reg.)    | Oct. 18, 1893  | } 2.05 1/4  |
|                            | { Fantasy*.....   | Terre Haute, Ind. (reg.)   | Sept. 13, 1894 |             |
| 1 " " five-year-old..      | { Bingen.....     | Louisville, Ky.....        | Sept. 28, 1898 | } 2.06 1/4  |
|                            | { Ralph Wilkes.   | Nashville, Tenn.....       | Oct. 19, 1894  |             |
| 1 " " six-year-old..       | Alix*.....        | Galesburg, Ill.....        | Sept. 19, 1894 | 2.03 1/4    |
| Best 2 heats.....          | Cresceus.....     | New York, N. Y.....        | Aug. 15, 1901  | 2.08 1/4    |
| 3 " " "                    | Alix.....         | Terre Haute, Ind.....      | Aug. 17, 1894  | 2.06 1/4    |
| 2 miles.....               | { Onward Silver.  | Memphis, Tenn.....         | Oct. 23, 1902  | } 4.28 1/4  |
|                            | { Caid.....       | Vienna, Austria.....       | Sept. 27, 1900 |             |
| 3 " " "                    | { Nightingale*.   | Nashville, Tenn. (reg.)    | Oct. 20, 1893  | } 6.55 1/2  |
|                            | { Fairy Wood      | Minneapolis, Minn.....     | July 1, 1895   |             |
| 4 " " "                    | { Bertie R.†      | Blackpool, England.....    | Sept. 11, 1899 | } 9.58      |
|                            | { Senator L.      | San José, Cal. (reg.)      | Nov. 2, 1894   |             |
| 5 " " "                    | Bishop Hero.....  | Oakland, Cal. (reg.)       | Oct. 14, 1893  | 12.30 1/4   |
| 10 " " "                   | { Pascal*.....    | New York, N. Y. (reg.)     | Nov. 2, 1893   | } 26.15     |
|                            | { Controller      | San Francisco, Cal. (reg.) | Nov. 23, 1878  |             |
| 20 " " "                   | Capt. McGowan*.   | Boston, Mass. (reg.)       | Oct. 31, 1865  | 27.23 1/4   |
| 30 " " "                   | Gen. Taylor*..... | San Francisco, Cal.....    | Feb. 21, 1857  | 58.25       |
| 50 " " "                   | Ariel*.....       | Albany, N. Y.....          | Nov. 18, 1846  | 1.47.59     |
| 100 " " "                  | Conqueror*.....   | Centreville, L. I.....     | Nov. 12, 1853  | 3.55.40 1/2 |

To Wagon.

|                           |                    |                          |                |           |
|---------------------------|--------------------|--------------------------|----------------|-----------|
| 1 mile (against time).... | The Abbot*.....    | Empire City Track, N. Y. | Sept. 8, 1900  | 2.05 1/4  |
| 1 " " in a race.....      | John A. McKerron   | Cleveland, Ohio.....     | Sept. 20, 1902 | 2.08 1/4  |
| Best 3 heats.....         | Hopeful.....       | Cnicgo, Ill.....         | Oct. 12, 1878  | 2.16 1/2  |
| 2 miles.....              | { Gen. Butler..... | Fashion Track, L. I..... | June 18, 1863  | } 2.17    |
|                           | { Dexter.....      | Fashion Track, L. I..... | Oct. 27, 1865  |           |
| 3 " " "                   | Prince.....        | Centreville, L. I.....   | Sept. 15, 1857 | 4.56 1/4  |
| 5 " " "                   | Fillmore.....      | San Francisco, Cal.....  | April 18, 1863 | 7.53 1/4  |
| 10 " " "                  | Julia Aldrich..... | San Francisco, Cal.....  | June 15, 1858  | 13.16     |
| 20 " " "                  | Controller.....    | San Francisco, Cal.....  | April 20, 1878 | 29.04 1/2 |
|                           |                    |                          |                | 58.57     |

By Teams.

|                             |                   |                         |                |            |
|-----------------------------|-------------------|-------------------------|----------------|------------|
| 1 mile.....                 | { Belle Hamlin*.  | Providence, R. I.....   | Sept. 23, 1892 | 2.12 1/4   |
| 1 " " in a race.....        | { Honest George*. |                         |                | } 2.15 1/4 |
|                             | { Rose Leaf.....  | Columbus, Ohio.....     | Sept. 27, 1894 |            |
|                             | { Sally Simmons.  |                         |                |            |
| 1 " " road wagon.....       | { Maud S.*.....   | Fleetwood Park, N. Y..  | June 15, 1883  | 2.15 1/2   |
| Best 3 heats in a race..... | { Aldine*.....    |                         |                | } 2.18 1/4 |
|                             | { Arab.....       | San Francisco, Cal..... | Nov. 26, 1887  |            |
|                             | { Conde.....      |                         |                | 2.30 1/2   |

\*Against time. †Alias Polly G.

HARNESS RACING—Continued.

PACING.

| DISTANCE.                    | Name.                  | Place.                          | Date.          | Time.  |
|------------------------------|------------------------|---------------------------------|----------------|--------|
| 1 mile (world's record)..... | Star Pointer*.....     | Readville, Mass.....            | Aug. 28, 1897  | 1.59½  |
| 1 " by a stallion.....       | Star Pointer*.....     | Readville, Mass.....            | Aug. 28, 1897  | 1.59½  |
| 1 " " ".....                 | Dan Patch.....         | Readville, Mass.....            | Sept. 15, 1902 | 1.59½  |
| 1 " by a gelding.....        | Prince Alert.....      | Memphis, Tenn.....              | Oct. 26, 1901  | 2.00¾  |
| 1 " in a race.....           | Star Pointer.....      | Springfield, Ill.....           | Oct. 1, 1897   | 2.00½  |
| 1 " yearling.....            | Belle Acton*.....      | Lyons, Neb.....                 | Oct. 14, 1892  | 2.20¾  |
| 1 " two-year-old.....        | { Directly*.....       | Galesburg, Ill.....             | Sept. 20, 1894 | 2.07¾  |
| 1 " three-year-old.....      | { Ecstasy.....         | Lexington, Ky.....              | Oct. 15, 1898  | 2.10¾  |
| 1 " four-year-old.....       | Klatawah.....          | Louisville, Ky.....             | Sept. 28, 1898 | 2.05½  |
| 1 " best by mare.....        | Online*.....           | Sioux City, Iowa.....           | Oct. 12, 1894  | 2.04   |
| 2 miles.....                 | Lady of the Manor..... | Glens Falls, N. Y.....          | Aug. 19, 1899  | 2.04½  |
| 3 " " ".....                 | Mazette.....           | Memphis, Tenn.....              | Oct. 24, 1901  | 2.04   |
| 3 " " ".....                 | Chehalis.....          | Salem, Ore.....                 | Oct. 6, 1897   | 4.19¼  |
| 3 " " ".....                 | { Joe Jefferson*.....  | Knoxville, Iowa (reg.).....     | Nov. 6, 1891   | 7.33¼  |
| 4 " " ".....                 | { James K. Polk.....   | Centerville, L. I. (reg.).....  | Sept. 13, 1847 | 7.44   |
| 4 " " ".....                 | Joe Jefferson*.....    | Knoxville, Iowa (reg.).....     | Nov. 13, 1891  | 10.10  |
| 5 " " ".....                 | Fisherman.....         | San Francisco, Cal. (reg.)..... | Dec. 19, 1874  | 13.03½ |
| Best 2 heats.....            | Prince Alert.....      | Memphis, Tenn.....              | Oct. 26, 1901  | 2.02½  |
| Best 3 heats.....            | { Anaconda.....        | Detroit, Mich.....              | July 17, 1901  | 2.02¾  |
|                              | { Coney.....           |                                 |                | 2.03½  |

\*Against time.

To Wagon.

| DISTANCE.                  | Name.               | Place.                  | Date.          | Time.  |
|----------------------------|---------------------|-------------------------|----------------|--------|
| 1 mile (against time)..... | Little Boy.....     | Memphis, Tenn.....      | Oct. 25, 1901  | 2.01½  |
| 1 " in a race.....         | Coney.....          | — 1900.....             | — 1900         | 2.05¼  |
| 2 miles.....               | Young America.....  |                         |                | 4.58½  |
| 3 " " ".....               | Longfellow.....     | Sacramento, Cal.....    | Sept. 7, 1869  | 7.53   |
| 4 " " ".....               | Longfellow.....     | San Francisco, Cal..... | Dec. 31, 1869  | 10.42½ |
| 5 " " ".....               | Lady St. Clair..... | San Francisco, Cal..... | Dec. 11, 1874  | 12.54¾ |
| Best 2 heats.....          | Edith W.....        | Memphis, Tenn.....      | Oct. 22, 1902  | 2.05¾  |
| Best 3 heats.....          | Johnston.....       | St. Paul, Minn.....     | Sept. 16, 1887 | 2.16¼  |

By a Team.

|             |                       |                        |              |      |
|-------------|-----------------------|------------------------|--------------|------|
| 1 mile..... | { John R. Gentry..... | Glens Falls, N. Y..... | Oct. 8, 1897 | 2.08 |
|             | { Robert J.....       |                        |              |      |

The English Derby.

(Distance, about one mile and a half.)

| YEAR.  | Owner and Winner.                      | Sire.                           | Subs. | Starters. | Time.    | Second.               |
|--------|----------------------------------------|---------------------------------|-------|-----------|----------|-----------------------|
| 1867.. | Mr. H. Chaplin's Hermit.....           | Newminster.....                 | 256   | 30        | 2.52     | Marksman.             |
| 1868.. | Sir J. Hawley's Blue Gown.....         | Beadsman.....                   | 262   | 18        | 2.43 1-2 | King Alfred.          |
| 1869.. | Mr. J. Johnstone's Pretender.....      | Adventurer.....                 | 247   | 22        | 2.52 1-2 | Pero Gomez.           |
| 1870.. | Lord Falmouth's Kingcraft.....         | King Tom.....                   | 252   | 15        | 2.45     | Palmerston.           |
| 1871.. | Baron Rothschild's Favonius.....       | Parmesan.....                   | 209   | 17        | 2.50     | { Albert Victor.      |
| 1872.. | Mr. Savile's Cremorne.....             | Parmesan.....                   | 191   | 23        | 2.45 1-2 | { King of the Forest. |
| 1873.. | Mr. Merry's Doncaster.....             | Stockwell.....                  | 201   | 12        | 2.50     | { Gang Forward.       |
| 1874.. | Mr. Cartwright's George Frederick..... | Marsyas.....                    | 212   | 20        | 2.46     | { Kaiser.             |
| 1875.. | Prince Bathyan's Galopin.....          | Vedette.....                    | 199   | 18        | 2.48     | Couronne de Fer.      |
| 1876.. | Mr. A. Baltazzi's Kisber.....          | Buccaneer.....                  | 226   | 15        | 2.44     | Claremont.            |
| 1877.. | Lord Falmouth's Silvio.....            | Blair Athol.....                | 245   | 17        | 2.50     | Forerunner.           |
| 1878.. | Mr. Crawford's Sefton.....             | Spectulum.....                  | 231   | 22        | 2.56     | Glen Arthur.          |
| 1879.. | Mr. Acton's Sir Bevy's.....            | Favonius.....                   | 278   | 23        | 3.02     | Insulaire.            |
| 1880.. | Duke of Westminster's Bend Or.....     | Doncaster.....                  | 257   | 19        | 2.46     | Palmbearer.           |
| 1881.. | Mr. P. Lorillard's Iroquois.....       | Leamington.....                 | 242   | 15        | 2.50     | Robert the Devil.     |
| 1882.. | Duke of Westminster's Shotover.....    | Hermit.....                     | 198   | 14        | 2.45 3-5 | Peregrine.            |
| 1883.. | Sir F. Johnstone's St. Blaise.....     | Hermit.....                     | 215   | 11        | 2.48 2-5 | Quicklime.            |
| 1884.. | Mr. J. Hammond's St. Gatien.....       | Rotherhill or<br>The Rover..... | 189   | 15        | 2.46 1-5 | Highland Chief.       |
| 1885.. | Sir J. Willoughby's Harvester.....     | Stirling.....                   | 189   | 12        | 2.44 1-5 | Dead heat.            |
| 1886.. | Lord Hasting's Melton.....             | Master Kildare.....             | 189   | 9         | 2.45 3-5 | Paradox.              |
| 1887.. | Duke of Westminster's Ormonde.....     | Bend Or.....                    | 199   | 9         | 2.45 3-5 | The Bard.             |
| 1887.. | Mr. Abington's Merry Hampton.....      | Hampton.....                    | 190   | 11        | 2.43     | The Baron.            |
| 1888.. | Duke of Portland's Ayrshire.....       | Hampton.....                    | 158   | 9         | 2.42 1-5 | Crowberry.            |
| 1889.. | Duke of Portland's Donovan.....        | Galopin.....                    | 169   | 13        | 2.44 2-5 | Miguel.               |
| 1890.. | Sir James Miller's Sainfoin.....       | Springfield.....                | 233   | 8         | 2.49 1-4 | Le Nord.              |
| 1891.. | Sir F. Johnstone's Common.....         | Isonomy.....                    | 203   | 11        | 2.56 4-5 | Gouverneur.           |
| 1892.. | Lord Bradford's Sir Hugo.....          | Wisdom.....                     | 259   | 13        | 2.44     | La Flèche.            |
| 1893.. | W. H. McCalmont's Isinglass.....       | Isonomy.....                    | 229   | 11        | 2.43     | Ravensbury.           |
| 1894.. | Lord Rosebery's Ladas.....             | Hampton.....                    | 224   | 7         | 2.45 4-5 | Matchbox.             |
| 1895.. | Lord Rosebery's Sir Visto.....         | Barcaldine.....                 | 228   | 15        | 2.43 2-5 | Curzon.               |
| 1896.. | Prince of Wales' Persimmon.....        | St. Simon.....                  | 276   | 11        | 2.42     | St. Frusquin.         |
| 1897.. | J. Gubbins' Galtée More.....           | Kendal.....                     | 291   | 11        | 2.44     | Velasquez.            |
| 1898.. | J. W. Larnach's Jeddah.....            | Janissary.....                  | 276   | 18        | 2.47     | Batt.                 |
| 1899.. | Duke of Westminster's Flying Fox.....  | Orme.....                       | 264   | 12        | 2.42 4-5 | Damocles.             |
| 1900.. | Prince of Wales' Diamond Jubilee.....  | St. Simon.....                  | 302   | 14        | 2.42     | Simon Dale.           |
| 1901.. | W. C. Whitney's Volodyovski.....       | Florizel II.....                | 279   | 25        | 2.40 4-5 | William the Third.    |
| 1902.. | John Gubbins' Ard Patrick.....         | St. Florian.....                | 282   | 18        | 2.42 1-2 | Rising Glass.         |



## Automobiles.

## FASTEST MILES ON RECORD.

| Time.     | Record Holder.            | Power.        | H. P. | Date.          | Place and Conditions.                             |
|-----------|---------------------------|---------------|-------|----------------|---------------------------------------------------|
| 51 4-5*   | Henri Fournier.....       | Gasoline....  | 40    | Nov. 16, 1901  | Ocean Parkway, Brooklyn. Straightaway.            |
| 54 2-5.   | Foxhall Keene.....        | Gasoline....  | 40    | Nov. 16, 1901  | Ocean Parkway, Brooklyn. Straightaway.            |
| 56 2-5.   | A. C. Bestwick.....       | Gasoline....  | 40    | Nov. 16, 1901  | Ocean Parkway, Brooklyn. Straightaway.            |
| 1 02 3/4. | Alex. Winton.....         | Gasoline....  | ..    | Sept. 16, 1902 | Cleveland, Ohio.                                  |
| 1 03 3/4. | A. L. Riker.....          | Electricity.. | ..    | Nov. 16, 1901  | Cleveland, Ohio.                                  |
| 1 06 2-5. | Alex. Winton.....         | Gasoline....  | 40    | Oct. 24, 1901  | Detroit, Mich. Circular track.                    |
| 1 06 4-5. | Henri Fournier.....       | Gasoline....  | 40    | Oct. 10, 1901  | Empire City Track, Yonkers, N. Y. Circular track. |
| 1 08.     | L. Charly.....            | Gasoline....  | 35    | Nov. 16, 1901  | Ocean Parkway, Brooklyn. Straightaway.            |
| 1 12.     | Foxhall Keene.....        | Gasoline....  | 40    | Nov. 1, 1901   | Empire City Track, Yonkers, N. Y. Circular track. |
| 1 13 2-5. | A. C. Bestwick.....       | Gasoline....  | 40    | Nov. 1, 1901   | Empire City Track, Yonkers, N. Y. Circular track. |
| 1 18 3/4. | S. T. Davis.....          | Steam.....    | ..    | May 31, 1902   | Staten Island, N. Y.                              |
| 1 16 3-4. | W. K. Vanderbilt, Jr..... | Gasoline....  | 40    | Oct. 9, 1901   | Providence, R. I. Circular track.                 |

\*World's records on straightaway and circular tracks.

## BEST RECORDS AT ALL DISTANCES.

| DISTANCE.    | GASOLINE CARRIAGES. |                     |                            | MOTOR TANDEMS. |                              |                              |
|--------------|---------------------|---------------------|----------------------------|----------------|------------------------------|------------------------------|
|              | Time.<br>H. M. S.   | Record Holder.      | Place and Date.            | Time.<br>M. S. | Record Holder.               | Place and Date.              |
| 1 mile....   | 1.02 3/4            | Alex. Winton.....   | Detroit, Oct. 24, 1901.... | 41 2-5         | F. A. Gabriel-W. E. Tenzler. | Norwood, Sept. 20, 1902.     |
| 2 miles....  | 2.13 4-5            | Alex. Winton.....   | Detroit, Oct. 24, 1901.... | 2.36 4-5       | Henshaw-Hedstrom.....        | Buffalo, Aug. 13, 1901.      |
| 3 miles....  | 3.20 1-5            | Alex. Winton.....   | Detroit, Oct. 24, 1901.... | 3.58 1-5       | Henshaw-Hedstrom.....        | Buffalo, Aug. 13, 1901.      |
| 4 miles....  | 4.27 1-5            | Alex. Winton.....   | Detroit, Oct. 24, 1901.... | 5.20 3-5       | Crooks-Scherer.....          | Philadelphia, Sept. 1, 1901. |
| 5 miles....  | 5.29 1-5            | Alex. Winton.....   | Providence, Sept. 24, 1902 | 6.44           | Henshaw-Hedstrom.....        | Buffalo, Aug. 13, 1901.      |
| 6 miles....  | 6.39 2-5            | Alex. Winton.....   | Providence, Sept. 24, 1902 | 8.04 4-5       | Henshaw-Hedstrom.....        | Buffalo, Aug. 13, 1901.      |
| 7 miles....  | 7.47 1-5            | Alex. Winton.....   | Detroit, Oct. 24, 1901.... | 9.25           | Henshaw-Hedstrom.....        | Buffalo, Aug. 13, 1901.      |
| 8 miles....  | 8.54 3-5            | Alex. Winton.....   | Detroit, Oct. 24, 1901.... | 10.45          | Henshaw-Hedstrom.....        | Buffalo, Aug. 13, 1901.      |
| 9 miles....  | 10.01 2-5           | Alex. Winton.....   | Detroit, Oct. 24, 1901.... | 12.05          | Henshaw-Hedstrom.....        | Buffalo, Aug. 13, 1901.      |
| 10 miles.... | 10.50               | Alex. Winton.....   | Cleveland, Sept. 16, 1902  | 13.22          | Henshaw-Hedstrom.....        | Buffalo, Aug. 13, 1901.      |
| 11 miles.... | 14.02 2-5           | A. C. Bestwick..... | Yonkers, Oct. 8, 1901....  | 15.23 2-5      | Miller-Judge.....            | Cleveland, May 30, 1900.     |
| 12 miles.... | 15.21               | A. C. Bestwick..... | Yonkers, Oct. 8, 1901....  | 17.56          | Miller-Judge.....            | Cleveland, May 30, 1900.     |
| 13 miles.... | 16.38 4-5           | A. C. Bestwick..... | Yonkers, Oct. 8, 1901....  | 19.27 2-5      | Miller-Judge.....            | Cleveland, May 30, 1900.     |
| 14 miles.... | 17.55 3-5           | H. Fournier.....    | Fort Erie, Sept. 26, 1901  | 20.27          | Miller-Judge.....            | Cleveland, May 30, 1900.     |
| 15 miles.... | 19.10 4-5           | H. Fournier.....    | Fort Erie, Sept. 26, 1901  | 22.22 2-5      | Miller-Judge.....            | Cleveland, May 30, 1900.     |
| 16 miles.... | 20.24 4-5           | H. Fournier.....    | Fort Erie, Sept. 26, 1901  | 24.59 3-5      | Miller-Judge.....            | Baltimore, Sept. 7, 1899.    |
| 17 miles.... | 21.40 4-5           | H. Fournier.....    | Fort Erie, Sept. 26, 1901  | 26.35 2-5      | Miller-Judge.....            | Baltimore, Sept. 7, 1899.    |
| 18 miles.... | 22.56 4-5           | H. Fournier.....    | Fort Erie, Sept. 26, 1901  | 27.08 2-5      | Miller-Judge.....            | Baltimore, Sept. 7, 1899.    |
| 19 miles.... | 24.11 2-5           | H. Fournier.....    | Fort Erie, Sept. 26, 1901  | 29.40          | Miller-Judge.....            | Baltimore, Sept. 7, 1899.    |
| 20 miles.... | 25.25 2-5           | H. Fournier.....    | Fort Erie, Sept. 26, 1901  | 31.12 2-5      | Miller-Judge.....            | Baltimore, Sept. 7, 1899.    |
| 21 miles.... | 26.42               | H. Fournier.....    | Fort Erie, Sept. 26, 1901  | 33.25 1-5      | Miller-Judge.....            | New York, Sept. 4, 1899.     |
| 22 miles.... | 27.57               | H. Fournier.....    | Fort Erie, Sept. 26, 1901  | 34.56 2-5      | Miller-Judge.....            | New York, Sept. 4, 1899.     |
| 23 miles.... | 29.12               | H. Fournier.....    | Fort Erie, Sept. 26, 1901  | 36.36          | Miller-Judge.....            | New York, Sept. 4, 1899.     |
| 24 miles.... | 30.28 2-5           | H. Fournier.....    | Fort Erie, Sept. 26, 1901  | 38.11 2-5      | Miller-Judge.....            | Baltimore, Sept. 22, 1899.   |
| 25 miles.... | 31.44 1-5           | H. Fournier.....    | Fort Erie, Sept. 26, 1901  | 39.46 1-5      | Miller-Judge.....            | Baltimore, Sept. 22, 1899.   |
| 50 miles.... | 1.17.50             | Alex. Winton.....   | Chicago, Sept., 1900....   | ..             | ..                           | ..                           |

On a motor bicycle (single) C. H. Metz travelled 1 mile in 1m. 10 2-5s., on Staten Island, May 31, 1902.

The best records made by electric vehicles on circular tracks are: One mile—1m. 03s., by A. L. Riker, Brooklyn, November 16, 1901; 5 miles—5m. 28s., by "Tom" Cooper, Detroit, Mich., October 26, 1902.

The best records made by steam vehicles on circular tracks are: One mile—1m. 53/4s., by G. Cannon, at Narragansett, September, 1902; 2 miles—4m. 13/4s., by G. C. Cannon, Providence, R. I., October 17, 1901; 3 miles—6m. 03/4s., by G. C. Cannon, Providence, R. I., October 17, 1901; 5 miles—Sm. 26 2-5s., by G. C. Cannon, Boston, Mass., June 8, 1902; 10 miles—19m. 5 4-5s., by R. H. White, Detroit, October 10, 1901.

## ROAD RECORDS.

| GASOLINE VEHICLES. |                     |                   | STEAM VEHICLES. |                   |                  | ELECTRIC VEHICLES. |                     |                |
|--------------------|---------------------|-------------------|-----------------|-------------------|------------------|--------------------|---------------------|----------------|
| Distance.          | Time.               | Record Holder.    | Distance.       | Time.             | Record Holder.   | Distance.          | Time.               | Record Holder. |
| 25 miles....       | H. M. S.<br>1.06.48 | Alexander Fisher. | 25 miles....    | H. M. S.<br>55.13 | S. T. Davis, Jr. | 25 miles....       | H. M. S.<br>1.06.30 | A. L. Riker.   |
| 50 miles....       | 2.30.01             | Alexander Fisher. | 50 miles....    | 2.15.27           | S. T. Davis, Jr. | 50 miles....       | 2.03.30             | A. L. Riker.   |

The road racing of rapid automobiles which made the year 1901 memorable, and the still further capabilities of the motor as a means of road locomotion, led to so general an adoption of restrictive ordinances that the organizations having the automobile interests in charge found it more desirable to restrict its contests in 1902 to tests of endurance and reliability, rather than the exhibition of speed on the highways.

The records of 1901 are still, however, of historical interest: The distance from New Haven to New York, 82 miles, was covered in 3h. 10m.; Newport and Boston, 70 miles, in 4h. 18m.; New York and Boston, 225 miles, in 15h. 11m., and Toledo, O., and New York, 825 miles, in 16 1/2 days.

## FAMOUS LONG-DISTANCE RACES ABROAD.

| YEAR.     | Course.                     | Miles. | Time.     | Miles Per Hour. | Horse-power. | Chauffeur.     |
|-----------|-----------------------------|--------|-----------|-----------------|--------------|----------------|
|           |                             |        |           |                 |              |                |
| 1895..... | Paris—Bordeaux—Paris.....   | 715    | 68.48     | 14.67           | 4            | Levassor.      |
| 1896..... | Paris—Marseilles—Paris..... | 1,068  | 64.42     | 16.52           | 8            | Mayade.        |
| 1898..... | Paris—Amsterdam.....        | 933    | 33.04 1/2 | 23.21           | 8            | Charron        |
| 1899..... | Tour of France.....         | 1,439  | 42.23     | 33.55           | 18           | Rene De Knyff. |
| 1900..... | Paris—Toulouse.....         | 837    | 20.50     | 40.21           | 23           | Levech.        |
| 1901..... | Paris—Bordeaux.....         | 316    | 6.07 3/4  | 55.48           | 60           | Fournier.      |
| 1901..... | Paris—Berlin.....           | 745    | 17.03 3/4 | 43.66           | 60           | Fournier.      |

THE NATIONAL AND LOCAL LEAGUE CHAMPIONSHIPS.  
OFFICIAL RECORDS OF THE SEASON OF 1902.

| THE NATIONAL LEAGUE. |         |    |          |              |          |     |             |           |           | THE AMERICAN LEAGUE. |               |            |             |     |            |    |      |            |           |                      |    |            |    |         |    |          |    |            |    |                      |    |            |     |             |     |      |           |  |  |
|----------------------|---------|----|----------|--------------|----------|-----|-------------|-----------|-----------|----------------------|---------------|------------|-------------|-----|------------|----|------|------------|-----------|----------------------|----|------------|----|---------|----|----------|----|------------|----|----------------------|----|------------|-----|-------------|-----|------|-----------|--|--|
| CLUBS.               | Boston. |    | Brooklyn |              | Chicago. |     | Cincinnati. |           | New York. |                      | Philadelphia. |            | Pittsburgh. |     | St. Louis. |    | Won. | Per Cent.  | CLUBS.    | Athletic.            |    | Baltimore. |    | Boston. |    | Chicago. |    | Cleveland. |    | Detroit.             |    | St. Louis. |     | Washington. |     | Won. | Per Cent. |  |  |
|                      | W.      | L. | W.       | L.           | W.       | L.  | W.          | L.        | W.        | L.                   | W.            | L.         | W.          | L.  | W.         | L. |      |            |           | W.                   | L. | W.         | L. | W.      | L. | W.       | L. | W.         | L. | W.                   | L. | W.         | L.  | W.          | L.  |      |           |  |  |
| Boston               | 8       | 11 | 11       | 16           | 11       | 16  | 11          | 6         | 10        | 7                    | 5             | 13         | 6           | 10  | 7          | 5  | 73   | 533        | Athletic  | 13                   | 11 | 10         | 12 | 16      | 9  | 12       | 11 | 8          | 8  | 8                    | 8  | 8          | 88  | 616         |     |      |           |  |  |
| Brooklyn             | 12      | 8  | 12       | 10           | 13       | 6   | 10          | 7         | 5         | 13                   | 6             | 10         | 7           | 5   | 13         | 6  | 75   | 543        | Baltimore | 6                    | 4  | 4          | 8  | 10      | 10 | 11       | 5  | 9          | 12 | 11                   | 5  | 50         | 362 |             |     |      |           |  |  |
| Chicago              | 9       | 8  | 12       | 10           | 7        | 12  | 6           | 10        | 7         | 5                    | 13            | 6          | 10          | 7   | 5          | 68 | 496  | Boston     | 9         | 16                   | 12 | 6          | 11 | 15      | 8  | 7        | 7  | 7          | 7  | 7                    | 7  | 7          | 77  | 562         |     |      |           |  |  |
| Cincinnati           | 9       | 8  | 8        | 14           | 13       | 5   | 12          | 6         | 10        | 7                    | 5             | 13         | 6           | 10  | 7          | 5  | 70   | 500        | Chicago   | 10                   | 11 | 8          | 12 | 12      | 9  | 12       | 7  | 4          | 4  | 4                    | 4  | 4          | 74  | 552         |     |      |           |  |  |
| New York             | 3       | 10 | 10       | 6            | 6        | 6   | 6           | 6         | 6         | 6                    | 6             | 6          | 6           | 6   | 6          | 48 | 353  | Cleveland  | 8         | 11                   | 14 | 7          | 7  | 8       | 9  | 12       | 6  | 6          | 6  | 6                    | 6  | 6          | 6   | 69          | 507 |      |           |  |  |
| Philadelphia         | 5       | 6  | 10       | 7            | 12       | 6   | 10          | 7         | 5         | 13                   | 6             | 10         | 7           | 5   | 13         | 6  | 56   | 409        | Detroit   | 4                    | 10 | 5          | 7  | 10      | 11 | 9        | 11 | 5          | 5  | 5                    | 5  | 5          | 5   | 52          | 385 |      |           |  |  |
| Pittsburgh           | 14      | 14 | 13       | 15           | 13       | 18  | 16          | 10        | 7         | 5                    | 13            | 6          | 10          | 7   | 5          | 13 | 6    | 403        | 741       | St. Louis            | 10 | 18         | 5  | 9       | 10 | 15       | 11 | 11         | 7  | 7                    | 7  | 7          | 7   | 7           | 78  | 574  |           |  |  |
| St. Louis            | 8       | 9  | 5        | 7            | 13       | 10  | 4           | 1         | 1         | 1                    | 1             | 1          | 1           | 1   | 1          | 56 | 418  | Washington | 6         | 9                    | 11 | 7          | 8  | 11      | 9  | 11       | 9  | 9          | 9  | 9                    | 9  | 9          | 61  | 449         |     |      |           |  |  |
| Lost                 | 64      | 63 | 69       | 70           | 88       | 81  | 36          | 78        | 549       |                      |               |            |             |     |            |    |      |            |           | 53                   | 88 | 60         | 60 | 67      | 83 | 58       | 75 | 544        |    |                      |    |            |     |             |     |      |           |  |  |
| Won. Lost. Per Cent. |         |    |          |              |          |     |             |           |           | Won. Lost. Per Cent. |               |            |             |     |            |    |      |            |           | Won. Lost. Per Cent. |    |            |    |         |    |          |    |            |    | Won. Lost. Per Cent. |    |            |     |             |     |      |           |  |  |
| Pittsburgh           | 103     | 36 | 741      | Chicago      | 68       | 69  | 496         | Athletic  | 83        | 53                   | 610           | Cleveland  | 69          | 67  | 507        |    |      |            |           |                      |    |            |    |         |    |          |    |            |    |                      |    |            |     |             |     |      |           |  |  |
| Brooklyn             | 75      | 63 | 543      | St. Louis    | 56       | 78  | 418         | St. Louis | 78        | 58                   | 574           | Washington | 61          | 75  | 449        |    |      |            |           |                      |    |            |    |         |    |          |    |            |    |                      |    |            |     |             |     |      |           |  |  |
| Chicago              | 73      | 64 | 533      | Philadelphia | 81       | 409 | Boston      | 77        | 60        | 562                  | Detroit       | 52         | 83          | 385 |            |    |      |            |           |                      |    |            |    |         |    |          |    |            |    |                      |    |            |     |             |     |      |           |  |  |
| Cincinnati           | 70      | 70 | 500      | New York     | 48       | 88  | 353         | Chicago   | 74        | 60                   | 552           | Baltimore  | 50          | 88  | 362        |    |      |            |           |                      |    |            |    |         |    |          |    |            |    |                      |    |            |     |             |     |      |           |  |  |

The public attendance at the games of THE NATIONAL LEAGUE.

|            |         |                  |           |
|------------|---------|------------------|-----------|
| New York   | 302,875 | Brooklyn         | 199,863   |
| Chicago    | 263,700 | Boston           | 116,960   |
| Pittsburgh | 243,826 | Philadelphia     | 112,066   |
| St. Louis  | 226,417 | Total            | 1,683,012 |
| Cincinnati | 217,300 | Attendance, 1901 | 1,920,031 |

From the above table it will be seen that the American League this year reversed the 1901 results and outdrew the National League by 523,445 on the whole season—a result not so surprising considering the wonderful race of the American League and the professional character of the National League race.

PREVIOUS PENNANT WINNERS OF NATIONAL LEAGUE.

| YEAR. | Champions. | Won. | Lost. | PerCent. | YEAR. | Champions. | Won. | Lost. | PerCent. |
|-------|------------|------|-------|----------|-------|------------|------|-------|----------|
| 1876  | Chicago    | 52   | 14    | .788     | 1891  | Brooklyn   | 86   | 43    | .667     |
| 1877  | Boston     | 31   | 17    | .648     | 1891  | Boston     | 87   | 51    | .630     |
| 1878  | Boston     | 41   | 19    | .707     | 1892  | Boston     | 102  | 48    | .681     |
| 1879  | Providence | 55   | 23    | .705     | 1893  | Boston     | 86   | 44    | .662     |
| 1880  | Chicago    | 67   | 17    | .794     | 1894  | Baltimore  | 89   | 39    | .695     |
| 1881  | Chicago    | 55   | 28    | .667     | 1895  | Baltimore  | 87   | 43    | .669     |
| 1882  | Chicago    | 55   | 29    | .655     | 1896  | Baltimore  | 90   | 39    | .698     |
| 1883  | Boston     | 63   | 35    | .643     | 1897  | Boston     | 93   | 39    | .705     |
| 1884  | Providence | 84   | 28    | .750     | 1898  | Boston     | 102  | 47    | .685     |
| 1885  | Chicago    | 96   | 25    | .770     | 1899  | Brooklyn   | 101  | 54    | .665     |
| 1886  | Chicago    | 90   | 34    | .725     | 1900  | Brooklyn   | 82   | 54    | .603     |
| 1887  | Detroit    | 79   | 45    | .637     | 1901  | Pittsburgh | 90   | 49    | .647     |
| 1888  | New York   | 84   | 47    | .641     | 1902  | Pittsburgh | 103  | 36    | .745     |
| 1889  | New York   | 83   | 43    | .659     |       |            |      |       |          |

It will be seen from the above table that in the past season the Pittsburgh team broke all records of the number of games won, 103. Boston, however, twice reached 102.

| THE AMERICAN ASSOCIATION. |           |    |               |             |              |    |             |             |            | THE EASTERN LEAGUE.  |              |            |           |    |         |    |      |           |        |                      |    |              |     |           |    |         |     |             |    |                      |            |          |    |            |    |      |           |  |  |
|---------------------------|-----------|----|---------------|-------------|--------------|----|-------------|-------------|------------|----------------------|--------------|------------|-----------|----|---------|----|------|-----------|--------|----------------------|----|--------------|-----|-----------|----|---------|-----|-------------|----|----------------------|------------|----------|----|------------|----|------|-----------|--|--|
| CLUBS.                    | Columbus. |    | Indianapolis. |             | Kansas City. |    | Louisville. |             | Milwaukee. |                      | Minneapolis. |            | St. Paul. |    | Toledo. |    | Won. | Per Cent. | CLUBS. | Buffalo.             |    | Jersey City. |     | Montreal. |    | Newark. |     | Providence. |    | Rochester.           |            | Toronto. |    | Worcester. |    | Won. | Per Cent. |  |  |
|                           | W.        | L. | W.            | L.          | W.           | L. | W.          | L.          | W.         | L.                   | W.           | L.         | W.        | L. | W.      | L. |      |           |        | W.                   | L. | W.           | L.  | W.        | L. | W.      | L.  | W.          | L. | W.                   | L.         | W.       | L. | W.         | L. |      |           |  |  |
| Columbus                  | 4         | 9  | 4             | 14          | 14           | 7  | 14          | 66          | 471        | Buffalo              | 10           | 18         | 14        | 13 | 15      | 7  | 11   | 88        | 657    | Toronto              | 10 | 12           | 14  | 13        | 15 | 14      | 10  | 10          | 85 | 669                  | Providence | 67       | 68 | 496        |    |      |           |  |  |
| Indianapolis              | 16        | 10 | 12            | 15          | 17           | 13 | 13          | 96          | 681        | Jersey City          | 8            | 13         | 14        | 8  | 12      | 8  | 9    | 72        | 526    | Buffalo              | 88 | 46           | 657 | Montreal  | 59 | 77      | 434 |             |    |                      |            |          |    |            |    |      |           |  |  |
| Kansas City               | 11        | 10 | 4             | 11          | 9            | 10 | 14          | 69          | 507        | Montreal             | 3            | 8          | 12        | 9  | 9       | 7  | 11   | 59        | 434    | Jersey City          | 72 | 65           | 526 | Rochester | 57 | 76      | 429 |             |    |                      |            |          |    |            |    |      |           |  |  |
| Louisville                | 16        | 9  | 13            | 11          | 15           | 11 | 17          | 92          | 671        | Newark               | 5            | 7          | 8         | 4  | 4       | 6  | 6    | 40        | 288    | Worcester            | 69 | 64           | 519 | Newark    | 40 | 99      | 288 |             |    |                      |            |          |    |            |    |      |           |  |  |
| Milwaukee                 | 5         | 5  | 9             | 9           | 12           | 12 | 12          | 65          | 464        | Providence           | 8            | 12         | 10        | 14 | 10      | 3  | 10   | 67        | 496    |                      |    |              |     |           |    |         |     |             |    |                      |            |          |    |            |    |      |           |  |  |
| Minneapolis               | 6         | 3  | 11            | 5           | 8            | 8  | 13          | 54          | 385        | Rochester            | 6            | 12         | 8         | 16 | 9       | 4  | 7    | 57        | 429    |                      |    |              |     |           |    |         |     |             |    |                      |            |          |    |            |    |      |           |  |  |
| St. Paul                  | 13        | 7  | 9             | 8           | 8            | 12 | 15          | 72          | 521        | Toronto              | 10           | 12         | 14        | 15 | 14      | 11 | 85   | 669       |        |                      |    |              |     |           |    |         |     |             |    |                      |            |          |    |            |    |      |           |  |  |
| Toledo                    | 6         | 7  | 6             | 3           | 8            | 7  | 5           | 42          | 300        | Worcester            | 6            | 11         | 8         | 15 | 10      | 12 | 7    | 61        | 449    |                      |    |              |     |           |    |         |     |             |    |                      |            |          |    |            |    |      |           |  |  |
| Lost                      | 74        | 45 | 67            | 45          | 75           | 86 | 66          | 98          | 556        |                      |              |            |           |    |         |    |      |           |        | 46                   | 65 | 77           | 99  | 68        | 76 | 42      | 64  | 537         |    |                      |            |          |    |            |    |      |           |  |  |
| Won. Lost. Per Cent.      |           |    |               |             |              |    |             |             |            | Won. Lost. Per Cent. |              |            |           |    |         |    |      |           |        | Won. Lost. Per Cent. |    |              |     |           |    |         |     |             |    | Won. Lost. Per Cent. |            |          |    |            |    |      |           |  |  |
| Indianapolis              | 96        | 45 | 681           | Columbus    | 66           | 74 | 471         | Toronto     | 85         | 42                   | 669          | Providence | 67        | 68 | 496     |    |      |           |        |                      |    |              |     |           |    |         |     |             |    |                      |            |          |    |            |    |      |           |  |  |
| Louisville                | 92        | 45 | 671           | Milwaukee   | 65           | 75 | 464         | Buffalo     | 88         | 46                   | 657          | Montreal   | 59        | 77 | 434     |    |      |           |        |                      |    |              |     |           |    |         |     |             |    |                      |            |          |    |            |    |      |           |  |  |
| St. Paul                  | 72        | 66 | 521           | Minneapolis | 54           | 86 | 385         | Jersey City | 72         | 65                   | 526          | Rochester  | 57        | 76 | 429     |    |      |           |        |                      |    |              |     |           |    |         |     |             |    |                      |            |          |    |            |    |      |           |  |  |
| Kansas City               | 69        | 67 | 507           | Toledo      | 42           | 98 | 300         | Worcester   | 69         | 64                   | 519          | Newark     | 40        | 99 | 288     |    |      |           |        |                      |    |              |     |           |    |         |     |             |    |                      |            |          |    |            |    |      |           |  |  |

THE WESTERN LEAGUE.

| CLUBS.                | Col. Sprgs. |             |             |             |             |             | Denver. | Des Moines. |             |             | Kansas City. |             | Milwaukee. | Omaha. | Peoria. | St. Joseph. | Won. | Per Cent. |
|-----------------------|-------------|-------------|-------------|-------------|-------------|-------------|---------|-------------|-------------|-------------|--------------|-------------|------------|--------|---------|-------------|------|-----------|
|                       | Col. Sprgs. | Col. Sprgs. | Col. Sprgs. | Col. Sprgs. | Col. Sprgs. | Col. Sprgs. |         | Col. Sprgs. | Col. Sprgs. | Col. Sprgs. | Col. Sprgs.  | Col. Sprgs. |            |        |         |             |      |           |
| Colorado Springs..... | 4           | 13          | 6           | 7           | 10          | 11          | 12      | 63          | .457        |             |              |             |            |        |         |             |      |           |
| Denver.....           | 15          | 7           | 11          | 6           | 9           | 14          | 15      | 81          | .587        |             |              |             |            |        |         |             |      |           |
| Des Moines.....       | 7           | 9           | 11          | 6           | 9           | 14          | 15      | 54          | .394        |             |              |             |            |        |         |             |      |           |
| Kansas City.....      | 14          | 12          | 13          | 11          | 9           | 13          | 10      | 82          | .603        |             |              |             |            |        |         |             |      |           |
| Milwaukee.....        | 13          | 11          | 13          | 8           | 9           | 11          | 7       | 80          | .597        |             |              |             |            |        |         |             |      |           |
| Omaha.....            | 10          | 6           | 11          | 11          | 13          | 11          | 14      | 64          | .600        |             |              |             |            |        |         |             |      |           |
| Peoria.....           | 8           | 5           | 9           | 7           | 0           | 1           | 5       | 35          | .254        |             |              |             |            |        |         |             |      |           |
| St. Joseph.....       | 8           | 10          | 13          | 10          | 9           | 6           | 15      | 71          | .511        |             |              |             |            |        |         |             |      |           |
| Lost.....             | 75          | 57          | 83          | 54          | 54          | 56          | 103     | 68          | 550         |             |              |             |            |        |         |             |      |           |

| Won. Lost. Pct.  |    |    | Won. Lost. Pct. |                   |    |     |      |
|------------------|----|----|-----------------|-------------------|----|-----|------|
| Kansas City..... | 82 | 54 | .603            | St. Joseph.....   | 71 | 68  | .511 |
| Omaha.....       | 84 | 56 | .600            | Col. Springs..... | 63 | 75  | .457 |
| Milwaukee.....   | 80 | 54 | .597            | Des Moines.....   | 54 | 83  | .394 |
| Denver.....      | 81 | 57 | .587            | Peoria.....       | 35 | 103 | .254 |

THE SOUTHERN LEAGUE.

| CLUBS.           | Atlanta. |          |          | Birmingham. |             |             | Chattanooga. |              |              | Little Rock. |              |              | Memphis. |          |          | Nashville. |            |            | New Orleans. |              |              | Shreveport. | Won. | Per Cent. |    |
|------------------|----------|----------|----------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|----------|----------|----------|------------|------------|------------|--------------|--------------|--------------|-------------|------|-----------|----|
|                  | Atlanta. | Atlanta. | Atlanta. | Birmingham. | Birmingham. | Birmingham. | Chattanooga. | Chattanooga. | Chattanooga. | Little Rock. | Little Rock. | Little Rock. | Memphis. | Memphis. | Memphis. | Nashville. | Nashville. | Nashville. | New Orleans. | New Orleans. | New Orleans. |             |      |           |    |
| Atlanta.....     | 11       | 11       | 11       | 5           | 7           | 7           | 5            | 4            | 5            | 4            | 5            | 4            | 5        | 4        | 5        | 4          | 5          | 4          | 5            | 4            | 5            | 4           | 5    | 4         | 5  |
| Birmingham.....  | 6        | 11       | 11       | 5           | 4           | 4           | 6            | 6            | 6            | 6            | 6            | 6            | 6        | 6        | 6        | 6          | 6          | 6          | 6            | 6            | 6            | 6           | 6    | 6         | 6  |
| Chattanooga..... | 5        | 10       | 10       | 5           | 10          | 10          | 5            | 10           | 10           | 10           | 10           | 10           | 10       | 10       | 10       | 10         | 10         | 10         | 10           | 10           | 10           | 10          | 10   | 10        | 10 |
| Little Rock..... | 11       | 12       | 11       | 11          | 12          | 11          | 11           | 12           | 11           | 11           | 12           | 11           | 11       | 12       | 11       | 11         | 12         | 11         | 11           | 12           | 11           | 11          | 12   | 11        | 11 |
| Memphis.....     | 12       | 12       | 13       | 9           | 9           | 9           | 9            | 9            | 9            | 9            | 9            | 9            | 9        | 9        | 9        | 9          | 9          | 9          | 9            | 9            | 9            | 9           | 9    | 9         | 9  |
| Nashville.....   | 13       | 12       | 11       | 6           | 14          | 14          | 10           | 13           | 10           | 13           | 10           | 13           | 10       | 13       | 10       | 13         | 10         | 13         | 10           | 13           | 10           | 13          | 10   | 13        | 10 |
| New Orleans..... | 11       | 11       | 11       | 12          | 10          | 8           | 10           | 8            | 10           | 8            | 10           | 8            | 10       | 8        | 10       | 8          | 10         | 8          | 10           | 8            | 10           | 8           | 10   | 8         | 10 |
| Shreveport.....  | 8        | 11       | 11       | 4           | 2           | 0           | 5            | 1            | 2            | 0            | 5            | 1            | 2        | 0        | 5        | 1          | 2          | 0          | 5            | 1            | 2            | 0           | 5    | 1         | 2  |
| Lost.....        | 66       | 79       | 73       | 45          | 56          | 41          | 46           | 71           | 450          |              |              |              |          |          |          |            |            |            |              |              |              |             |      |           |    |

| Won. Lost. Pct.  |    |    | Won. Lost. Pct. |                  |    |    |      |
|------------------|----|----|-----------------|------------------|----|----|------|
| Nashville.....   | 79 | 41 | .658            | Atlanta.....     | 54 | 66 | .450 |
| New Orleans..... | 76 | 46 | .623            | Shreveport.....  | 43 | 71 | .463 |
| Little Rock..... | 74 | 48 | .607            | Chattanooga..... | 45 | 73 | .381 |
| Memphis.....     | 65 | 56 | .537            | Birmingham.....  | 39 | 79 | .331 |

THE CONNECTICUT LEAGUE.

| CLUBS.           | Bridgeport. |             |             | Hartford. |           |           | Meriden. |          |          | New Haven. |            |            | New London. |             |             | Norwich. |          |          | Springfield. |              |              | Waterbury. |            |            | Won. | Per Cent. |
|------------------|-------------|-------------|-------------|-----------|-----------|-----------|----------|----------|----------|------------|------------|------------|-------------|-------------|-------------|----------|----------|----------|--------------|--------------|--------------|------------|------------|------------|------|-----------|
|                  | Bridgeport. | Bridgeport. | Bridgeport. | Hartford. | Hartford. | Hartford. | Meriden. | Meriden. | Meriden. | New Haven. | New Haven. | New Haven. | New London. | New London. | New London. | Norwich. | Norwich. | Norwich. | Springfield. | Springfield. | Springfield. | Waterbury. | Waterbury. | Waterbury. |      |           |
| Bridgeport.....  | 6           | 11          | 11          | 5         | 7         | 7         | 5        | 4        | 5        | 4          | 5          | 4          | 5           | 4           | 5           | 4        | 5        | 4        | 5            | 4            | 5            | 4          | 5          | 4          |      |           |
| Hartford.....    | 10          | 5           | 8           | 8         | 8         | 8         | 8        | 8        | 8        | 8          | 8          | 8          | 8           | 8           | 8           | 8        | 8        | 8        | 8            | 8            | 8            | 8          | 8          | 8          |      |           |
| Meriden.....     | 10          | 5           | 8           | 8         | 8         | 8         | 8        | 8        | 8        | 8          | 8          | 8          | 8           | 8           | 8           | 8        | 8        | 8        | 8            | 8            | 8            | 8          | 8          | 8          |      |           |
| New Haven.....   | 11          | 12          | 11          | 11        | 12        | 11        | 11       | 12       | 11       | 11         | 12         | 11         | 11          | 12          | 11          | 11       | 12       | 11       | 11           | 12           | 11           | 11         | 12         | 11         | 11   |           |
| New London.....  | 9           | 9           | 9           | 9         | 9         | 9         | 9        | 9        | 9        | 9          | 9          | 9          | 9           | 9           | 9           | 9        | 9        | 9        | 9            | 9            | 9            | 9          | 9          | 9          |      |           |
| Norwich.....     | 11          | 11          | 11          | 11        | 11        | 11        | 11       | 11       | 11       | 11         | 11         | 11         | 11          | 11          | 11          | 11       | 11       | 11       | 11           | 11           | 11           | 11         | 11         | 11         |      |           |
| Springfield..... | 13          | 7           | 7           | 6         | 7         | 7         | 6        | 7        | 7        | 6          | 7          | 7          | 6           | 7           | 7           | 6        | 7        | 7        | 6            | 7            | 7            | 6          | 7          | 7          |      |           |
| Waterbury.....   | 7           | 6           | 7           | 7         | 7         | 7         | 6        | 5        | 1        | 2          | 0          | 5          | 1           | 2           | 0           | 5        | 1        | 2        | 0            | 5            | 1            | 2          | 0          | 5          |      |           |
| Lost.....        | 59          | 56          | 59          | 39        | 54        | 58        | 46       | 74       | 445      |            |            |            |             |             |             |          |          |          |              |              |              |            |            |            |      |           |

| Won. Lost. Pct.  |    |    | Won. Lost. Pct. |                 |    |    |      |
|------------------|----|----|-----------------|-----------------|----|----|------|
| New Haven.....   | 70 | 39 | .642            | Bridgeport..... | 53 | 59 | .473 |
| Springfield..... | 65 | 46 | .586            | Norwich.....    | 52 | 53 | .473 |
| New London.....  | 58 | 54 | .515            | Meriden.....    | 51 | 59 | .464 |
| Hartford.....    | 58 | 56 | .509            | Waterbury.....  | 38 | 74 | .333 |

THE PACIFIC N. W. LEAGUE.

| CLUBS.        | Butte. |        |        |        |        | Helena. |         |         |         |         | Portland. |           |           |           |           | Spokane. |          |          |          |          | Seattle. |          |          |          |          | Tacoma. |         |         |         |         | Won. | Per Cent. |
|---------------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|-----------|-----------|-----------|-----------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|---------|---------|---------|---------|------|-----------|
|               | Butte. | Butte. | Butte. | Butte. | Butte. | Helena. | Helena. | Helena. | Helena. | Helena. | Portland. | Portland. | Portland. | Portland. | Portland. | Spokane. | Spokane. | Spokane. | Spokane. | Spokane. | Seattle. | Seattle. | Seattle. | Seattle. | Seattle. | Tacoma. | Tacoma. | Tacoma. | Tacoma. | Tacoma. |      |           |
| Butte.....    | 10     | 18     | 19     | 11     | 15     | 73      | .608    |         |         |         |           |           |           |           |           |          |          |          |          |          |          |          |          |          |          |         |         |         |         |         |      |           |
| Helena.....   | 9      | 16     | 14     | 14     | 12     | 65      | .546    |         |         |         |           |           |           |           |           |          |          |          |          |          |          |          |          |          |          |         |         |         |         |         |      |           |
| Portland..... | 8      | 9      | 14     | 8      | 19     | 58      | .483    |         |         |         |           |           |           |           |           |          |          |          |          |          |          |          |          |          |          |         |         |         |         |         |      |           |
| Spokane.....  | 6      | 11     | 11     | 10     | 8      | 46      | .380    |         |         |         |           |           |           |           |           |          |          |          |          |          |          |          |          |          |          |         |         |         |         |         |      |           |
| Seattle.....  | 14     | 11     | 11     | 16     | 18     | 70      | .583    |         |         |         |           |           |           |           |           |          |          |          |          |          |          |          |          |          |          |         |         |         |         |         |      |           |
| Tacoma.....   | 10     | 13     | 6      | 12     | 7      | 48      | .400    |         |         |         |           |           |           |           |           |          |          |          |          |          |          |          |          |          |          |         |         |         |         |         |      |           |
| Lost.....     | 47     | 54     | 62     | 75     | 50     | 72      | 360     |         |         |         |           |           |           |           |           |          |          |          |          |          |          |          |          |          |          |         |         |         |         |         |      |           |

| Won. Lost. Pct. |    |    | Won. Lost. Pct. |               |    |    |      |
|-----------------|----|----|-----------------|---------------|----|----|------|
| Butte.....      | 73 | 47 | .608            | Portland..... | 58 | 62 | .483 |
| Seattle.....    | 70 | 50 | .583            | Tacoma.....   | 48 | 72 | .400 |
| Helena.....     | 65 | 54 | .546            | Spokane.....  | 46 | 75 | .380 |

THE COTTON STATES LEAGUE.

| CLUBS.           | Played. | Won. | Lost. | Per Ct. |
|------------------|---------|------|-------|---------|
| Natchez.....     | 106     | 55   | 51    | .519    |
| Baton Rouge..... | 107     | 53   | 54    | .495    |
| Vicksburg.....   | 105     | 52   | 53    | .495    |
| Greenville.....  | 109     | 54   | 55    | .495    |

The less important leagues of the National Association Leagues are the New York League, consisting of the clubs at Albany, Binghamton, Iliou, Schenectady, Syracuse, Johnstown, Troy, and Utica; the New England League, of clubs at Concord, Dover, Manchester, and Nashua, N. H.; Haverhill, Fall River, Lowell, and Lawrence, Mass.

The independent leagues in the American Association are clubs at Columbus, O.; Indianapolis, Ind.; Kansas City, Mo.; Louisville, Ky.; Milwaukee, Wis.; Minneapolis, Minn.; St. Paul, Minn., and Toledo, O.

THE COLLEGE CHAMPIONSHIPS.

There is no intercollegiate championship in any proper sense of the word. Each college plays a number of games in the early part of the season, mostly with weaker colleges, using the process for tuning up their teams for later matches with rivals nearer their calibre. No figures, therefore, of games won and lost give such a measure of the teams' relative values as those of organized and permanent leagues do in other games. The principal eastern teams were Yale, Princeton, Harvard, and the University of Pennsylvania. Of their most notable matches with various college opponents, Princeton won 10 and lost 3; Harvard won 9, lost 2; Yale won 11, lost 4; University of Pennsylvania won 6, lost 4.

The most notable event of the college season was the appearance in the East of a Western team representing the University of Illinois, which beat the University of Pennsylvania 11-3, West Point 6-5, Yale 10-4, Princeton 3-1, and lost to Harvard 1-2.

## BASEBALL—Continued.

## INDIVIDUAL RECORDS OF THE LEADING PLAYERS.

| PITCHERS, AMERICAN LEAGUE. |      |       |      | PITCHERS, AMERICAN LEAGUE. |      |       |      | PITCHERS, AMERICAN LEAGUE. |      |       |      |
|----------------------------|------|-------|------|----------------------------|------|-------|------|----------------------------|------|-------|------|
| PITCHER.                   | Won. | Lost. | Ave. | PITCHER.                   | Won. | Lost. | Ave. | PITCHER.                   | Won. | Lost. | Ave. |
| Waddell.....               | 23   | 7     | .766 | Joss.....                  | 16   | 13    | .551 | Wright.....                | 7    | 1     | .388 |
| Bernhard.....              | 18   | 6     | .750 | Dineen.....                | 21   | 20    | .512 | Mitchell.....              | 5    | 8     | .384 |
| Borner.....                | 3    | 1     | .750 | Orth.....                  | 19   | 19    | .500 | Siever.....                | 8    | 13    | .380 |
| Young.....                 | 32   | 11    | .744 | Sudhoff.....               | 12   | 12    | .500 | Cronin.....                | 3    | 5     | .375 |
| Hustings.....              | 15   | 6     | .714 | Sparks.....                | 7    | 7     | .500 | Shields.....               | 7    | 12    | .368 |
| Donahue.....               | 22   | 11    | .666 | Patton.....                | 17   | 18    | .485 | Townsend.....              | 9    | 16    | .360 |
| Durham.....                | 2    | 1     | .666 | Moore.....                 | 16   | 17    | .484 | Katoll.....                | 5    | 9     | .357 |
| McAllister.....            | 2    | 1     | .666 | Garvin.....                | 9    | 10    | .474 | Yeager.....                | 6    | 11    | .352 |
| Smith.....                 | 2    | 1     | .666 | Hughes.....                | 9    | 10    | .474 | Miller.....                | 6    | 12    | .333 |
| Patterson.....             | 20   | 11    | .645 | Wilste.....                | 15   | 17    | .468 | Hess.....                  | 2    | 4     | .333 |
| Wilson.....                | 7    | 4     | .636 | Mullin.....                | 13   | 15    | .464 | Altrock.....               | 1    | 2     | .333 |
| Griffith.....              | 15   | 10    | .600 | Platt.....                 | 12   | 14    | .461 | Taylor.....                | 1    | 3     | .250 |
| Powell.....                | 22   | 16    | .578 | Mercer.....                | 15   | 18    | .454 | McCarthy.....              | 2    | 7     | .292 |
| Winters.....               | 11   | 8     | .578 | Lee.....                   | 4    | 5     | .444 | Butler.....                | 1    | 11    | .083 |
| Plank.....                 | 20   | 15    | .571 | Raidy.....                 | 3    | 4     | .428 | Heisman.....               | 0    | 3     | .000 |
| Harper.....                | 14   | 11    | .560 | Carrick.....               | 12   | 17    | .413 | Polchow.....               | 0    | 1     | .000 |
| McGinnity.....             | 13   | 10    | .556 | Kissingner.....            | 2    | 3     | .400 | Eagan.....                 | 0    | 1     | .000 |
| Callahan.....              | 16   | 13    | .551 | Howell.....                | 9    | 14    | .391 |                            |      |       |      |

## PITCHERS, AMERICAN ASSOCIATION.

| PITCHERS, AMERICAN ASSOCIATION. |      |       |      | PITCHERS, AMERICAN ASSOCIATION. |      |       |      | PITCHERS, AMERICAN ASSOCIATION. |      |       |      |
|---------------------------------|------|-------|------|---------------------------------|------|-------|------|---------------------------------|------|-------|------|
| PITCHER.                        | Won. | Lost. | Ave. | PITCHER.                        | Won. | Lost. | Ave. | PITCHER.                        | Won. | Lost. | Ave. |
| Dunkle.....                     | 30   | 10    | .750 | Torrence.....                   | 6    | 4     | .600 | McMachen.....                   | 8    | 11    | .421 |
| Killen.....                     | 16   | 6     | .727 | Barber.....                     | 6    | 4     | .600 | Gear.....                       | 7    | 10    | .411 |
| Kellum.....                     | 25   | 10    | .714 | Kirwin.....                     | 9    | 7     | .562 | Herman.....                     | 7    | 10    | .411 |
| Coons.....                      | 24   | 10    | .705 | Miller.....                     | 10   | 8     | .555 | Sporor.....                     | 14   | 21    | .400 |
| Katoll.....                     | 9    | 4     | .692 | Stimmel.....                    | 14   | 12    | .537 | German.....                     | 4    | 6     | .400 |
| Gibson.....                     | 19   | 9     | .678 | Bailey.....                     | 22   | 19    | .536 | Newlin.....                     | 9    | 14    | .391 |
| Ferguson.....                   | 21   | 10    | .677 | McDonald.....                   | 15   | 13    | .535 | Mock.....                       | 12   | 21    | .363 |
| Altrock.....                    | 23   | 14    | .667 | Wagner.....                     | 17   | 19    | .472 | McNeal.....                     | 11   | 24    | .314 |
| McMakin.....                    | 10   | 5     | .667 | Coogan.....                     | 6    | 7     | .461 | Hughes.....                     | 9    | 20    | .310 |
| Williams.....                   | 24   | 12    | .667 | Elliott.....                    | 13   | 16    | .448 | Thomas.....                     | 6    | 15    | .285 |
| Snthoff.....                    | 24   | 13    | .649 | Chech.....                      | 16   | 20    | .444 | Pardee.....                     | 4    | 10    | .285 |
| Flaherty.....                   | 26   | 16    | .619 | C'bins.....                     | 11   | 14    | .440 | Chapelski.....                  | 3    | 11    | .214 |

## PITCHERS, NATIONAL LEAGUE.

| PITCHERS, NATIONAL LEAGUE. |      |       |       | PITCHERS, NATIONAL LEAGUE. |      |       |      | PITCHERS, NATIONAL LEAGUE. |      |       |      |
|----------------------------|------|-------|-------|----------------------------|------|-------|------|----------------------------|------|-------|------|
| PITCHER.                   | Won. | Lost. | Ave.  | PITCHER.                   | Won. | Lost. | Ave. | PITCHER.                   | Won. | Lost. | Ave. |
| McLaughlin.....            | 3    | 0     | 1.000 | Phillips.....              | 17   | 17    | .500 | Thielman.....              | 5    | 9     | .357 |
| Chesbro.....               | 29   | 6     | .828  | Lundgren.....              | 9    | 9     | .500 | Wicker.....                | 6    | 11    | .352 |
| Tannehill.....             | 20   | 5     | .800  | McGinnity.....             | 8    | 8     | .500 | Taylor.....                | 8    | 16    | .333 |
| Doehny.....                | 15   | 4     | .789  | Ewing.....                 | 6    | 6     | .500 | Rhodes.....                | 4    | 8     | .333 |
| Poole.....                 | 11   | 4     | .733  | Voorhees.....              | 3    | 3     | .500 | McCann.....                | 1    | 2     | .333 |
| Taylor.....                | 24   | 11    | .685  | McMackin.....              | 2    | 2     | .500 | Gardiner.....              | 1    | 2     | .333 |
| Leever.....                | 15   | 7     | .681  | Hardy.....                 | 2    | 2     | .500 | McGee.....                 | 2    | 5     | .285 |
| Hahn.....                  | 23   | 11    | .676  | Fraser.....                | 13   | 14    | .481 | Sparks.....                | 4    | 11    | .266 |
| Philippi.....              | 13   | 9     | .666  | Malarkey.....              | 9    | 10    | .474 | Pearson.....               | 2    | 6     | .250 |
| Heisman.....               | 2    | 1     | .666  | Cronin.....                | 5    | 6     | .454 | Popp.....                  | 2    | 6     | .250 |
| Kitson.....                | 19   | 12    | .612  | Eason.....                 | 10   | 13    | .434 | Morrissey.....             | 1    | 3     | .250 |
| Pittinger.....             | 26   | 17    | .604  | Mathewson.....             | 13   | 18    | .419 | Felix.....                 | 1    | 3     | .250 |
| Willis.....                | 27   | 19    | .588  | Dugzley.....               | 12   | 17    | .413 | Hale.....                  | 1    | 3     | .250 |
| Newton.....                | 17   | 12    | .580  | White.....                 | 14   | 20    | .411 | Kennedy.....               | 1    | 4     | .200 |
| Currie.....                | 11   | 8     | .578  | Iberg.....                 | 11   | 16    | .407 | Miller.....                | 1    | 8     | .111 |
| O'Neill.....               | 16   | 14    | .553  | Williams.....              | 11   | 16    | .407 | Dunne.....                 | 0    | 3     | .000 |
| Menefee.....               | 12   | 10    | .545  | Evans.....                 | 13   | 19    | .406 | Hackett.....               | 0    | 3     | .000 |
| Hughes.....                | 14   | 12    | .538  | St. Vrain.....             | 4    | 6     | .400 | Vicker.....                | 0    | 3     | .000 |
| Murphy.....                | 8    | 7     | .533  | Dunham.....                | 2    | 3     | .400 | Cushman.....               | 0    | 4     | .000 |
| Donovan.....               | 16   | 15    | .516  | Yerkes.....                | 12   | 20    | .375 |                            |      |       |      |

## Trap-Shooting.

THERE were no international American-European trap-shooting events in 1902.

The Grand Prix de Casino, the next nearest to an international event, being the world's championship at live birds, was shot for January 30 and 31 and February 1, at Monte Carlo, and was won by Signor J. Grasselli, after a three days' contest, by 12 straight in the finals.

The tenth Grand American Handicap at live birds was shot for between 456 competitors, at Kansas City, March 31 to April 5. When the contestants had been reduced to thirty-three, who had shot straight twenty-fives, the shooting was "miss and go out." The championship was won in the twenty-second round of the miss and go out series by H. C. Hirschy, of Minneapolis; C. G. Spencer was second, and E. O. Heikes third.

The Grand American Handicap at targets (clay birds) was shot from May 6 to 9, at Interstate Park, Long Island, and won by C. W. Floyd, with 94 hits out of a possible 100.

The Nebraska State Individual Championship was won at Omaha, April 24, by D. T. Morrill, after two ties, with a score of 24 out of a possible 25.

The thirteenth Kansas State Championship was won at Olathe on a tie on April 13, by G. Templin and H. E. Cawley, with scores of 27 out of a possible 30.

The Boston Gun Club single championship was won on the Wellington grounds April 30 by "Leroy" (B. Leroy Woodward), with a score of 25 straight.

The New Jersey State individual championship was won at the Freehold Gun Club grounds, May 20 to 22, by Neal Apgar, with a score of 46 out of a possible 50.

At the twenty-eighth Illinois State tournament, June 3 to 6, the L. C. Smith cup was won, for the second time, by Harvey Sconce, with a score of 25 straight.

The intercollegiate trap-shooting championship at 30 clay targets, in sets of 5 released at unknown angles, was contested May 3, resulting as follows: Harvard, first, with 210 points; Yale, second, 195; Princeton, third, 178; and University of Pennsylvania, fourth, 154.

# Bicycling.

## BEST AMERICAN PERFORMANCES ON RECORD.

(Revised by the Board of Control of the National Cycling Association.)

### PACED RECORDS.

| DISTANCE. | AMATEUR.       |              |                   |               | PROFESSIONAL.  |                |                   |                 |
|-----------|----------------|--------------|-------------------|---------------|----------------|----------------|-------------------|-----------------|
|           | Against Time.  |              | In Competition.   |               | Against Time.  |                | In Competition.   |                 |
|           | Time.<br>M. S. | Holder.      | Time.<br>H. M. S. | Holder.       | Time.<br>M. S. | Holder.        | Time.<br>H. M. S. | Holder.         |
| 1/2 m.    | .20 1-5        | R. C. Holzel | .....             | .....         | .20            | Major Taylor   | .....             | .....           |
| 1 m.      | .29 2-5        | R. C. Holzel | .....             | .....         | .27 4-5        | J. S. Johnson  | .....             | .....           |
| 2 m.      | .44 2-5        | G. Leanler   | .....             | .....         | .41            | Major Taylor   | .....             | .....           |
| 3 m.      | .....          | .....        | .....             | .....         | .58 3-5        | W. W. Hamilton | .....             | .....           |
| 4 m.      | 1.25 3-5       | Walter Smith | 1.30 4-5          | Samuel Sulkin | 1.18 3-5       | Joe Nelson     | 1.20              | Joe Nelson      |
| 5 m.      | 2.53 1-5       | Walter Smith | 2.59 1-5          | Samuel Sulkin | 3.50 4-5       | F. L. Kramer   | 2.39              | Joe Nelson      |
| 6 m.      | 4-23           | Walter Smith | 4.26              | Samuel Sulkin | .....          | .....          | 3.58              | Joe Nelson      |
| 7 m.      | 5.52 2-5       | Walter Smith | 5.53 2-5          | Samuel Sulkin | .....          | .....          | 5.17              | Joe Nelson      |
| 8 m.      | 7.18 2-5       | Walter Smith | 7.24 2-5          | Samuel Sulkin | 10.15          | W. S. Fenn     | 6.57              | Joe Nelson      |
| 9 m.      | 9.51 2-5       | Joe Nelson   | 9.47 4-5          | Joe Nelson    | .....          | .....          | 7.59              | Joe Nelson      |
| 10 m.     | 11.28 4-5      | Joe Nelson   | 11.29 1-5         | Joe Nelson    | .....          | .....          | 9.20              | Joe Nelson      |
| 11 m.     | 13.05 3-5      | Joe Nelson   | 13.01 4-5         | Joe Nelson    | .....          | .....          | 10.34 1/2         | Joe Nelson      |
| 12 m.     | 14.33 2-5      | Joe Nelson   | 14.35 1-5         | Joe Nelson    | .....          | .....          | 12.07             | Joe Nelson      |
| 13 m.     | 16.21          | Joe Nelson   | 16.18 4-5         | Joe Nelson    | 21.53 1-5      | W. S. Fenn     | 13.27 1/2         | Joe Nelson      |
| 14 m.     | 17.58          | Joe Nelson   | 18.14             | Joe Nelson    | .....          | .....          | 14.53 1/2         | Joe Nelson      |
| 15 m.     | 19.34 4-5      | Joe Nelson   | 19.55             | Joe Nelson    | .....          | .....          | 16.17 1/2         | Joe Nelson      |
| 16 m.     | 21.12          | Joe Nelson   | 21.26 2-5         | Joe Nelson    | .....          | .....          | 17.41 1/2         | Joe Nelson      |
| 17 m.     | 22.50          | Joe Nelson   | 23.18 4-5         | Joe Nelson    | .....          | .....          | 19.06 1/2         | Joe Nelson      |
| 18 m.     | 24.36 4-5      | Joe Nelson   | 24.55 2-5         | Joe Nelson    | .....          | .....          | 20.28 1/2         | Joe Nelson      |
| 19 m.     | 26.23 4-5      | Joe Nelson   | 27.02 1-5         | E. Ryan       | .....          | .....          | 21.52             | Joe Nelson      |
| 20 m.     | 28.04          | Joe Nelson   | 28.48 4-5         | Ray Duer      | .....          | .....          | 23.14             | Joe Nelson      |
| 21 m.     | 29.44 1-5      | Joe Nelson   | 30.01 4-5         | Ray Duer      | .....          | .....          | 24.36 1/2         | Joe Nelson      |
| 22 m.     | 31.24 4-5      | Joe Nelson   | 32.17 4-5         | Ray Duer      | .....          | .....          | 25.57             | Joe Nelson      |
| 23 m.     | 33.05 1-5      | Joe Nelson   | 34.02 4-5         | Ray Duer      | .....          | .....          | 27.18             | Joe Nelson      |
| 24 m.     | 34.45 4-5      | Joe Nelson   | 39.51             | John Nelson   | .....          | .....          | 28.58 4-5         | Albert Champion |
| 25 m.     | 36.26 1-5      | Joe Nelson   | 41.49 4-5         | John Nelson   | .....          | .....          | 30.22 3-5         | Albert Champion |
| 26 m.     | 38.07 2-5      | Joe Nelson   | 43.43             | John Nelson   | .....          | .....          | 31.45 1-5         | Albert Champion |
| 27 m.     | 39.46 4-5      | Joe Nelson   | 45.50             | John Nelson   | .....          | .....          | 33.09 3-5         | Albert Champion |
| 28 m.     | 41.27          | Joe Nelson   | 47.37             | John Nelson   | .....          | .....          | 34.33             | Albert Champion |
| 29 m.     | 50.23 3-5      | Joe Nelson   | 57.28 2-5         | John Nelson   | .....          | .....          | 43.16             | D. Elkes        |
| 30 m.     | .....          | .....        | 1.07.16 1-5       | John Nelson   | .....          | .....          | 50.33 3-5         | D. Elkes        |
| 35 m.     | .....          | .....        | .....             | .....         | .....          | .....          | 1.43.56 4-5       | W. C. Stinson   |
| 65 m.     | .....          | .....        | .....             | .....         | .....          | .....          | 1.52.13 4-5       | Jam's Morau     |
| 70 m.     | .....          | .....        | .....             | .....         | .....          | .....          | 2.29.13 1-5       | B. W. Pierce    |
| 75 m.     | .....          | .....        | .....             | .....         | .....          | .....          | 3.24.42 2-5       | B. W. Pierce    |
| 100 m.    | .....          | .....        | .....             | .....         | .....          | .....          | .....             | .....           |

### UNPACED RECORDS.

|        |           |                    |          |              |             |                 |           |                 |
|--------|-----------|--------------------|----------|--------------|-------------|-----------------|-----------|-----------------|
| 1/2 m. | .25       | Calvin Snow        | .28 2-5  | M. L. Hurley | .25 4-5     | Major Taylor    | .28 1-5   | F. L. Kramer    |
| 1 m.   | .25       | N. C. Hopper       | .38 4-5  | W. S. Fenn   | .34 1-5     | W. W. Hamilton  | .38 2-5   | E. C. Bald      |
| 2 m.   | .53 2-5   | N. C. Hopper       | .57 1-5  | M. L. Hurley | .52 3-5     | W. E. Samuelson | .54 4-5   | F. L. Kramer    |
| 3 m.   | 1.21 1-5  | J. G. Hell         | 1.18     | M. L. Hurley | 1.14 1-5    | W. C. Sanger    | .....     | .....           |
| 4 m.   | 1.37      | F. B. Stowe        | .....    | .....        | .....       | .....           | .....     | .....           |
| 5 m.   | 2.02 3-5  | W. Wahrenberger    | 1.57 3-5 | E. E. Smith  | 1.53 2-5    | W. E. Samuelson | 1.55 3-5  | F. A. McFarland |
| 6 m.   | 4.25      | F. S. Dusenberg    | 4.12 4-5 | T. J. Grady  | 4.16        | A. B. Hughes    | 3.59 4-5  | F. L. Kramer    |
| 7 m.   | 6.39 1-5  | F. S. Dusenberg    | .....    | .....        | 6.32 4-5    | F. J. Titus     | .....     | .....           |
| 8 m.   | 9.31 2-5  | C. B. Hackenberger | .....    | .....        | 8.50        | F. J. Titus     | .....     | .....           |
| 9 m.   | 11.36 4-5 | C. B. Hackenberger | 10.56    | M. L. Hurley | 11.04 1-5   | Alex. Peterson  | 10.15     | W. S. Fenn      |
| 10 m.  | .....     | .....              | .....    | .....        | 13.50 1-5   | W. W. Hamilton  | .....     | .....           |
| 11 m.  | .....     | .....              | .....    | .....        | 16.10       | W. W. Hamilton  | .....     | .....           |
| 12 m.  | .....     | .....              | .....    | .....        | 18.31 2-5   | W. W. Hamilton  | .....     | .....           |
| 13 m.  | .....     | .....              | .....    | .....        | 20.50       | W. W. Hamilton  | .....     | .....           |
| 14 m.  | .....     | .....              | .....    | .....        | 23.09 2-5   | W. W. Hamilton  | 21.38 3-5 | W. B. Vaughn    |
| 15 m.  | .....     | .....              | .....    | .....        | 35.02       | G. H. Collett   | 35.44     | F. L. Kramer    |
| 20 m.  | .....     | .....              | .....    | .....        | 47.30       | G. H. Collett   | 46.06 1-5 | E. C. Hausman   |
| 25 m.  | .....     | .....              | .....    | .....        | 1.00.29     | Ed. Forrest     | 57.52 4-5 | F. L. Kramer    |
| 30 m.  | .....     | .....              | .....    | .....        | 1.13.26     | J. P. Jacobson  | .....     | .....           |
| 40 m.  | .....     | .....              | .....    | .....        | 1.39.56 3-5 | J. P. Jacobson  | .....     | .....           |
| 50 m.  | .....     | .....              | .....    | .....        | 2.05.00 1-5 | J. P. Jacobson  | .....     | .....           |
| 75 m.  | .....     | .....              | .....    | .....        | 3.30.36 1-5 | W. Torrence     | .....     | .....           |
| 100 m. | .....     | .....              | .....    | .....        | 4.57.24 2-5 | W. Torrence     | .....     | .....           |

### TANDEM RECORDS.

|        |          |                 |          |         |           |                   |       |       |
|--------|----------|-----------------|----------|---------|-----------|-------------------|-------|-------|
| 1/2 m. | .23 2-5  | Kramer-Schreber | .....    | .....   | .23 2-5   | Randall Schefski* | ..... | ..... |
| 1 m.   | .51 3-5  | Casey-Eckberg   | .....    | .....   | .47 3-5   | Randall-Schefski* | ..... | ..... |
| 2 m.   | 1.47 4-5 | Kusel-Goodwin   | 1.52 3-5 | H. Rutz | 1.37 3-5  | McCarthy-Munroe   | ..... | ..... |
| 3 m.   | 3.14 3-5 | Kusel-Goodwin   | 4.06     | .....   | .....     | .....             | ..... | ..... |
| 5 m.   | .....    | .....           | .....    | .....   | 9.25 2-5  | Flower-Church     | ..... | ..... |
| 10 m.  | .....    | .....           | .....    | .....   | 21.38 1/2 | Sager-Swansbrough | ..... | ..... |

\* Paced.

## BICYCLING—Continued.

## HOUR AND DAY RECORDS.

| TIME.         | AMERICAN RECORD. |                  |                   |                | WORLD'S RECORD. |                         |                      |                |
|---------------|------------------|------------------|-------------------|----------------|-----------------|-------------------------|----------------------|----------------|
|               | Distance.        | Holder.          | Date.             |                | Distance.       | Holder.                 | Date.                |                |
| 1 hour.....   | 41 m. 250 yds.   | Harry D. Elkes.  | June 12, 1902     | 48 m.          | 695 yds.        | Conetent, French.....   | Oct. 30, 1902        |                |
| 2 hours.....  | 74 m. 1,172 yds. | Jama's Moran.    | July 12, 1901     | 82 m.          | 1,566 yds.      | Dickentman, German..... | Aug. 3, 1902         |                |
| 3 hours.....  | 89 m. 440 yds.   | Charles Turville | S. pt. 15, 1901   | 122 m.         | 1,392 yds.      | Robl, German.....       | Aug. 3, 1902         |                |
| 4 hours.....  | 117 m.           | Charles Turville | Sept. 15, 1901    | 156 m.         | 518 yds.        | Robl, German.....       | Aug. 3, 1902         |                |
| 5 hours.....  | 146 m.           | Charles Turville | Sept. 15, 1901    | 188 m.         | 188 yds.        | Robl, German.....       | Aug. 3, 1902         |                |
| 6 hours.....  | 172 m.           | Charles Turville | S. pt. 15, 1901   | 222 m.         | 1,410 yds.      | Robl, German.....       | Aug. 3, 1902         |                |
| 7 hours.....  | 199 m.           | 220 yds.         | Charles Turville  | Sept. 15, 1901 | 214 m.          | 425 yds.                | Robl, German.....    | Sept. 15, 1901 |
| 8 hours.....  | 218 m.           | 440 yds.         | W. F. King.....   | Sept. 15, 1901 | 240 m.          | 1,300 yds.              | Rohl, German.....    | Sept. 15, 1901 |
| 9 hours.....  | 246 m.           | 440 yds.         | W. F. King.....   | Sept. 15, 1901 | 266 m.          | 561 yds.                | Rohl, German.....    | Sept. 15, 1901 |
| 10 hours..... | 265 m.           |                  | W. F. King.....   | Sept. 15, 1901 | 294 m.          | 301 yds.                | Walters, French..... | Sept. 15, 1900 |
| 11 hours..... | 289 m.           |                  | W. F. King.....   | Sept. 15, 1901 | 321 m.          | 1,491 yds.              | Walters, French..... | Sept. 15, 1900 |
| 12 hours..... | 312 m.           | 880 yds.         | B. W. Pierce..... | July 3, 1899   | 343 m.          | 1,456 yds.              | Walters, French..... | Sept. 15, 1900 |
| 13 hours..... | 335 m.           | 1,540 yds.       | W. F. King.....   | Sept. 15, 1901 | 372 m.          | 1,535 yds.              | Walters, French..... | Sept. 15, 1900 |
| 14 hours..... | 355 m.           |                  | W. F. King.....   | Sept. 15, 1901 | 398 m.          | 902 yds.                | Walters, French..... | Sept. 15, 1900 |
| 15 hours..... | 372 m.           |                  | W. F. King.....   | Sept. 15, 1901 | 424 m.          | 137 yds.                | Walters, French..... | Sept. 15, 1900 |
| 16 hours..... | 397 m.           | 220 yds.         | W. F. King.....   | Sept. 15, 1901 | 450 m.          | 606 yds.                | Walters, French..... | Sept. 15, 1900 |
| 17 hours..... | 409 m.           | 440 yds.         | W. F. King.....   | Sept. 15, 1901 | 472 m.          | 245 yds.                | Walters, French..... | Sept. 15, 1900 |
| 18 hours..... | 416 m.           |                  | John Lawson.....  | June 10, 1900  | 493 m.          | 1,296 yds.              | Walters, French..... | Sept. 15, 1900 |
| 19 hours..... | 432 m.           |                  | John Lawson.....  | June 10, 1900  | 514 m.          | 126 yds.                | Walters, French..... | Sept. 15, 1900 |
| 20 hours..... | 450 m.           | 1,540 yds.       | John Lawson.....  | June 10, 1900  | 537 m.          | 1,038 yds.              | Walters, French..... | July 8, 1899   |
| 21 hours..... | 474 m.           | 660 yds.         | John Lawson.....  | June 10, 1900  | 561 m.          | 760 yds.                | Walters, French..... | July 8, 1899   |
| 22 hours..... | 485 m.           | 290 yds.         | John Lawson.....  | June 10, 1900  | 584 m.          | 108 yds.                | Walters, French..... | July 8, 1899   |
| 23 hours..... | 507 m.           | 1,320 yds.       | John Lawson.....  | June 10, 1900  | 607 m.          | 1,319 yds.              | Walters, French..... | July 8, 1899   |
| 24 hours..... | 526 m.           | 925 yds.         | John Lawson.....  | June 10, 1900  | 634 m.          | 774 yds.                | Walters, French..... | July 8, 1899   |

## NATIONAL CYCLING ASSOCIATION CHAMPIONSHIP.

The grand circuit races contested under the auspices of the National Cycling Association resulted in the following scores:

| NAME.                  | 1st. | 2d. | 3d. | 4th. | Points. | NAME.                   | 1st. | 2d. | 3d. | 4th. | Points. |
|------------------------|------|-----|-----|------|---------|-------------------------|------|-----|-----|------|---------|
| 1 Frank L. Kramer..... | 18   | 4   | 1   | 0    | 128     | 8 O. L. Stevens.....    | 0    | 0   | 2   | 1    | 8       |
| 2 Major Taylor.....    | 5    | 6   | 1   | 1    | 57      | 9 John Bedell.....      | 0    | 0   | 1   | 1    | 4       |
| 3 Iver Lawson.....     | 1    | 6   | 4   | 4    | 38      | 10 James Bowler.....    | 0    | 0   | 0   | 2    | 3       |
| 4 O. S. Kimble.....    | 0    | 4   | 3   | 4    | 28      | Lester Wilson.....      | 0    | 0   | 1   | 1    | 3       |
| G. H. Collett.....     | 0    | 2   | 6   | 3    | 28      | 12 E. C. Bald.....      | 0    | 0   | 1   | 0    | 2       |
| 6 W. S. Fenn.....      | 1    | 0   | 1   | 4    | 17      | 13 G. C. Schreiber..... | 0    | 0   | 0   | 1    | 1       |
| 7 J. T. Fisher.....    | 0    | 1   | 3   | 1    | 12      | J. P. Jacobson.....     | 0    | 0   | 0   | 1    | 1       |

Grand Circuit Champion—Frank L. Kramer.

Quarter-Mile Champion—Frank L. Kramer.

One-third Mile Champion—Dead heat between

Frank L. Kramer and Major Taylor.

The national amateur championships were contested at New Haven, August 19, half-mile—Hurley 1, Billington 2, Glasson 3, Dove 4, time 1 m. 10 3-5 s.; two mile—Root 1, Hurley 2, Billington 3, Stauder 4, time 5 m. 18 3-5 s.; At Springfield, August 21, one-third mile—Hurley 1, Root 2, Billington 3, Glasson 4, time 40 2-5 s.; one mile—Hurley 1, Root 2, Dove 3, Collett 4, time 2 m. 17 1-5 s.; At Hartford, August 22, quarter-mile—Billington 1, Diggs 2, Root 3, Hurley absent, time 30 1-5 s.; five mile—Root 1, Stauder 2, Schlee 3, Linley 4, time 10 m. 46 s.

In point scoring Hurley was 18; Root, 18; Billington, 12; Stauder, 4; Glasson, Diggs, Dove, 3 each; Schlee, 2; Collett, Linley, 1 each.

The tie between Hurley and Root was decided at Hartford, September 8, Hurley winning in two straight heats, the first of which was run twice on account of an unintentional foul by Hurley at the start.

At the New Haven meet the amateur middle-distance paced title was won by Sam Sulkins, of Boston, who defeated Fred. Dahlke, of Buffalo, in a fifteen-mile race. Time 25 m. 44 1-5 s.

## Racquets and Hand Tennis.

The Amateur Racquets Singles Championship of America was won in the finals, on the court of the Boston Athletic Association, Feb. 19, 20, and 22, 1902, by C. H. Mackay, of New York, over A. Shaw, Jr., of Boston (the champion of 1901), by 15-2, 15-12, 15-11, 15-11. The other contestants in the preliminaries were W. R. Miller (Canada), Edgar Scott (Philadelphia), L. Waterbury (New York), E. H. Fay (Boston), Austin Potter (Boston), and F. F. Rolland (champion of Canada).

The Amateur Racquets Doubles Championship of America was won on the court of the Philadelphia Racquet Club, March 5 to 8, 1902, by G. H. Brooke and H. D. Scott, of Philadelphia, over N. Eitting and George McFadden, of Philadelphia, by 15-6, 15-0, 15-6, 15-8. The other pairs in the preliminaries were H. S. Russell and C. G. Winslow (Boston), R. K. Cassatt and James Potter (Philadelphia), C. H. Mackay and L. Waterbury (New York), and B. H. Warburton and Edgar Scott (Philadelphia).

The Intercity Racquet Championship was won by Philadelphia over New York in the finals by 10-6, 4-15, 15-0, 15-8, 15-10. The contest is tripartite, teams of Philadelphia, Boston, and New York competing.

The Amateur Court Tennis Championship of America was won by Joshua Crane, Jr., of Boston, over L. M. Stockton, the champion of 1901, in the finals by 6-2, 3-6, 6-2, 6-3. The other contestants in the preliminary rounds were W. B. Dinsmore, Austin Potter, C. E. Sands, M. S. Paton, O. S. Campbell, and P. S. Sears.

The Squash Championship of the Knickerbocker A. C. was won by Howard A. Colby, who defeated in the finals Douglas Campbell.

The English Championship.—By the victory of Mr. Eustice Miles over Mr. Longworth for the English championship singles in racquets by 18-15, 10-15, 17-14, 15-10, Mr. Miles holds both the Racquet and Court Tennis Singles championships.

Chess.

INTERNATIONAL CABLE MATCH OF 1902.

| BOARD No. | AMERICAN TEAM.       |         | Style of Opening.            | No. of Moves. | BRITISH TEAM.         |         |
|-----------|----------------------|---------|------------------------------|---------------|-----------------------|---------|
|           | Player.              | Result. |                              |               | Player.               | Result. |
| 1.....    | H. N. Pillsbury..... | 1½      | Ruy Lopez.....               | 77            | T. F. Lawrence.....   | 1½      |
| 2.....    | J. F. Barry.....     | ½       | English.....                 | 55            | J. Mason.....         | ½       |
| 3.....    | F. J. Marshall.....  | 0       | Queen's gambit declined..... | 37            | H. E. Atkins.....     | 1       |
| 4.....    | A. B. Hodges.....    | ½       | Queen's gambit declined..... | 56            | F. J. Lee.....        | 0       |
| 5.....    | E. Hymes.....        | ½       | Sicilian defence.....        | 44            | D. Y. Mills.....      | ½       |
| 6.....    | H. G. Voit.....      | ½       | Queen's gambit declined..... | 43            | G. E. Bellingham..... | ½       |
| 7.....    | E. Delmar.....       | 0       | Dutch defence.....           | 47            | H. W. Trenchard.....  | 1       |
| 8.....    | C. J. Newman.....    | 1½      | Ruy Lopez.....               | 44            | J. H. Blake.....      | ½       |
| 9.....    | C. S. Howell.....    | 1       | Ruy Lopez.....               | 56            | R. P. Mitchell.....   | 0       |
| 10.....   | H. Helms.....        | 1       | Queen's Pawn.....            | 36            | H. Girdlestone.....   | 0       |
|           | Total.....           | 5½      |                              |               | Total.....            | 4½      |

The Americans played the white pieces (with the advantage of the first move) on the odd-numbered boards, and the black pieces on the others.

RECORD OF THE NEWNES TROPHY.

|           | AMERICA. |       | GREAT BRITAIN. |       |            | AMERICA. |       | GREAT BRITAIN. |       |
|-----------|----------|-------|----------------|-------|------------|----------|-------|----------------|-------|
|           | Won.     | Lost. | Won.           | Lost. |            | Won.     | Lost. | Won.           | Lost. |
| 1896..... | 4½       | 3½    | 3½             | 4½    | 1901.....  | 5        | 5     | 5              | 5     |
| 1897..... | 4½       | 5½    | 5½             | 4½    | 1902.....  | 5½       | 4½    | 4½             | 5½    |
| 1898..... | 4½       | 5½    | 5½             | 4½    | Total..... | 36       | 32    | 32             | 36    |
| 1899..... | 6        | 4     | 4              | 6     |            |          |       |                |       |
| 1900..... | 6        | 4     | 4              | 6     |            |          |       |                |       |

America, won 4 matches; Great Britain, won 2; drawn, 1.

INTERNATIONAL INTERCOLLEGIATE CABLE MATCH.

| BOARD No. | AMERICAN TEAM.               |         | Style of Opening.            | No of Moves. | BRITISH TEAM.                |         |
|-----------|------------------------------|---------|------------------------------|--------------|------------------------------|---------|
|           | Player.                      | Result. |                              |              | Player.                      | Result. |
| 1.....    | C. T. Rice (Harvard).....    | 1       | French defence.....          | 50           | H. A. Webb (Cambridge).....  | 0       |
| 2.....    | F. H. Sewall (Columbia)..... | 1       | Scottish gambit.....         | 40           | W. Grundy (Oxford).....      | 0       |
| 3.....    | J. F. Sawin (Yale).....      | 1       | French defence.....          | 35           | H. F. Davidson (Oxford)..... | 0       |
| 4.....    | J. B. Hunt (Princeton).....  | 1       | Queen's gambit declined..... | 51           | F. W. Clark (Cambridge)..... | 0       |
| 5.....    | H. A. Keeler (Columbia)..... | ½       | Queen's Fianchetto.....      | 45           | H. Bateman (Cambridge).....  | ½       |
| 6.....    | E. B. Adams (Yale).....      | 0       | Queen's Pawn.....            | 20           | H. D. Roope (Oxford).....    | 1       |
|           | Total.....                   | 4½      |                              |              | Total.....                   | 1½      |

In the four matches of this series for the Rice Trophy, the British collegians have won 2, Americans 1, and 1 was drawn. British collegians have won 12½ games in all four years, Americans, 11½ games.

INTERNATIONAL MASTERS' TOURNAMENTS.

MONTE CARLO, MARCH, 1902.

| Player.         | Won. | Lost. |
|-----------------|------|-------|
| Maroczy.....    | 14¾  | 4¼    |
| Pillsbury*..... | 14½  | 4½    |
| Janowski.....   | 14   | 5     |
| Teichmann.....  | 13¾  | 5¾    |
| Schlechter..... | 12   | 7     |
| Tarrasch.....   | 12   | 7     |
| Wolf.....       | 12   | 7     |
| Tschigorin..... | 11½  | 7½    |
| Marshall*.....  | 11   | 8     |
| Gunsberg.....   | 10¾  | 8¼    |
| Napier*.....    | 9¾   | 9¾    |
| Mieses.....     | 9¼   | 9¾    |
| Mason.....      | 9    | 10    |
| Albin.....      | 8½   | 10½   |
| Marco.....      | 7¾   | 11¼   |
| Popiel.....     | 7¼   | 11¾   |
| Scheve.....     | 5    | 14    |
| Eisenberg.....  | 4½   | 14½   |
| Reggio.....     | 2½   | 16½   |
| Mortimer.....   | 1    | 18    |
| Total.....      | 190  | 190   |

\* American players.

HANOVER, JULY-AUGUST, 1902.

| Player.         | Won. | Lost. |
|-----------------|------|-------|
| Janowski.....   | 13¾  | 3¾    |
| Pillsbury*..... | 12   | 5     |
| Atkins.....     | 11½  | ½     |
| Mieses.....     | 11   | 6     |
| Napier*.....    | 10   | 7     |
| Wolf.....       | 10   | 7     |
| Tschigorin..... | 9    | 8     |
| Olland.....     | 8½   | 8½    |
| Marshall*.....  | 8    | 9     |
| Swiderski.....  | 8    | 9     |
| Gottschall..... | 7½   | 9½    |
| Levin.....      | 7½   | 9½    |
| Cohn.....       | 7    | 10    |
| Bardleben.....  | 6½   | 10½   |
| Suechting.....  | 6½   | 10½   |
| Gunsberg.....   | 6    | 11    |
| Mason.....      | 5½   | 11½   |
| Popiel.....     | 5    | 12    |
| Total.....      | 153  | 153   |

INTERCOLLEGIATE MATCHES.

The Intercollegiate championship for 1902 was won by Yale, whose four players won 7½ games and lost 4½; Columbia finished second, with 6½ games won and 5½ lost; Harvard third, 5½ won and 6½ lost, and Princeton fourth, with 4½ won and 7½ lost.

Brown failed to send any representative to the annual tournament of the Triangular Chess League, and Cornell and University of Pennsylvania played it out alone. Cornell won by 4½ games to 1½. Columbia afterward beat Cornell by 8 games to 4; Williams also beat Amherst by 4½ to 3½; Columbia beat Princeton by 6½ to 2½. The annual match between Oxford and Cambridge resulted in a draw, each side winning 3½ games.

## Golf.

THE amateur championship (United States Golf Association) was played over the course of the Glenview Golf Club, Chicago, Ill., July 15 to 19, 1902. There were 160 entries, as compared with 143 in 1901, and 137 started for the qualifying round at medal play, once round the eighteen holes. The course was 6,266 yards long. Longer by 387 yards than the Atlantic City course over which the championship of 1901 was played.

The following summary embraces the whole contest, in which the championship was won by Louis Napoleon James, of the Glenview Club, Chicago:

| STROKES IN<br>QUALIFYING ROUND. | Winners,<br>First Round. | Winners,<br>Second Round. | Winners,<br>Third Round. | Winners,<br>Fourth Round. | Winners, Cham-<br>pion. |
|---------------------------------|--------------------------|---------------------------|--------------------------|---------------------------|-------------------------|
| 79—Walter J. Travis,            | Travis,                  | Travis,                   |                          |                           |                         |
| 89—W. T. G. Bristol,            | 5 up, 3.                 | 5 up, 3.                  |                          |                           |                         |
| 86—J. C. Davidson,              | Davidson,                | 7 up, 6.                  |                          |                           |                         |
| 94—Hamilton Vose,               | 4 up, 2.                 |                           | Byers,                   |                           |                         |
| 87—J. A. Holabird,              | Holabird,                |                           | 3 up, 2.                 |                           |                         |
| 92—J. E. Rahm,                  | 2 up, 1.                 | Byers,                    |                          |                           |                         |
| 84—E. M. Byers,                 | Byers,                   | 1 up.                     |                          |                           |                         |
| 90—H. Griffin,                  | 3 up, 2.                 |                           |                          | Byers,                    |                         |
| 85—W. P. Smith,                 | Bull,                    |                           |                          | 3 up, 2.                  |                         |
| 90—Stephen Bull,                | 4 up, 3.                 | Harban,                   |                          |                           |                         |
| 88—Dr. L. L. Harban,            | Harban,                  | 6 up, 5.                  |                          |                           |                         |
| 93—Samuel Chase,                | 4 up, 2.                 |                           | Egan,                    |                           |                         |
| 82—W. Fairbanks,                | Daniels,                 |                           | 6 up, 5.                 |                           |                         |
| 92—J. C. Daniels,               | 1 up, 19 holes.          | Egan,                     |                          |                           |                         |
| 82—H. C. Egan,                  | Egan,                    | 6 up, 5.                  |                          |                           |                         |
| 89—W. R. Kirk,                  | 7 up, 6.                 |                           |                          |                           | Byers,                  |
| 83—H. Weber,                    | McMillan,                |                           |                          |                           | 4 up, 3.                |
| 89—T. McMillan,                 | 1 up.                    | Pyne,                     |                          |                           |                         |
| 87—Percy Pyne,                  | Pyne,                    | 5 up, 3.                  |                          |                           |                         |
| 92—J. O. Hinkley,               | 1 up, 19 holes.          |                           | Leslie,                  |                           |                         |
| 88—George H. Leslie,            | Leslie,                  |                           | 3 up, 2.                 |                           |                         |
| 94—O. C. Fuller,                | 6 up, 4.                 | Leslie,                   |                          |                           |                         |
| 86—F. R. Hamlin,                | Hamlin,                  | 3 up, 2.                  |                          |                           |                         |
| 91—C. B. Fownes,                | 3 up, 2.                 |                           |                          | Fredericks,               |                         |
| 84—D. P. Fredericks,            | Fredericks,              |                           |                          | 1 up, 19 holes            |                         |
| 90—W. H. Bennett,               | 4 up, 3.                 | Fredericks,               |                          |                           |                         |
| 88—A. G. Lockwood,              | Lockwood,                | 5 up, 4.                  |                          |                           |                         |
| 92—E. J. Buchan,                | 6 up, 4.                 |                           | Fredericks,              |                           |                         |
| 87—Max Behr,                    | Behr,                    |                           | 3 up, 2.                 |                           |                         |
| 92—B. F. Cummins,               | 2 up.                    | Poole,                    |                          |                           |                         |
| 80—Abram Poole, Jr.,            | Poole,                   | 2 up.                     |                          |                           |                         |
| 89—Charles Keublin,             | 2 up.                    |                           |                          |                           |                         |
| 82—P. B. Hoyt,                  | Hoyt,                    |                           |                          |                           |                         |
| 89—R. R. Kimball,               | 4 up, 3.                 | Hoyt,                     |                          |                           |                         |
| 87—C. Beach,                    | Doran,                   | 1 up.                     |                          |                           |                         |
| 92—H. Doran, Jr.,               | 3 up, 2.                 |                           | Hoyt,                    |                           |                         |
| 88—F. O. Horstman,              | Tweedy,                  |                           | 5 up, 4.                 |                           |                         |
| 93—H. J. Tweedy,                | 2 up, 1.                 | Tweedy,                   |                          |                           |                         |
| 85—B. F. Hunter,                | Hunter,                  | 2 up, 1.                  |                          |                           |                         |
| 90—Dr. W. S. Harban,            | 3 up, 1.                 |                           |                          | James,                    |                         |
| 86—L. H. Conklin,               | Conklin,                 |                           |                          | 3 up, 2.                  |                         |
| 91—W. C. Carnegie,              | 2 up, 1.                 | James,                    |                          |                           |                         |
| 88—M. Ballou,                   | James,                   | 1 up.                     |                          |                           |                         |
| 94—L. N. James,                 | 6 up, 5.                 |                           | James,                   |                           |                         |
| 87—R. W. Keys,                  | Keys,                    |                           | 6 up, 5.                 |                           |                         |
| 92—W. A. Stickney,              | 1 up.                    | McKittrick,               |                          |                           |                         |
| 84—R. McKittrick,               | McKittrick,              | 5 up, 3.                  |                          |                           |                         |
| 90—F. D. Frazier,               | 6 up, 5.                 |                           |                          |                           | James,                  |
| 83—Allan Hibbard,               | Hibbard,                 |                           |                          |                           | 2 up, 1.                |
| 89—R. E. James,                 | 2 up.                    | Smith,                    |                          |                           |                         |
| 87—H. C. Smith,                 | Smith,                   | 5 up, 4.                  |                          |                           |                         |
| 92—H. C. Fownes,                | 6 up, 4.                 |                           | Reinhart,                |                           |                         |
| 88—L. T. Boyd,                  | Boyd,                    |                           | 5 up, 3.                 |                           |                         |
| 93—C. Counselman, Jr.,          | 2 up, 1.                 | Reinhart,                 |                          |                           |                         |
| 86—F. O. Reinhart,              | Reinhart,                | 2 up, 1.                  |                          |                           |                         |
| 91—O. D. Thompson,              | 2 up, 1.                 |                           |                          | Reinhart,                 |                         |
| 84—W. E. Egan,                  | Egan,                    |                           |                          | 1 up.                     |                         |
| 90—A. C. Brown,                 | 5 up, 3.                 | Egan,                     |                          |                           |                         |
| 88—N. F. Moore,                 | Moore,                   | 3 up, 2.                  |                          |                           |                         |
| 92—J. G. Thorp,                 | 3 up, 1.                 |                           | Egan,                    |                           |                         |
| 86—J. R. Maxwell,               | Brokaw,                  |                           | 2 up.                    |                           |                         |
| 91—G. T. Brokaw,                | 1 up.                    | Ormiston,                 |                          |                           |                         |
| 79—G. A. Ormiston,              | Ormiston,                | 2 up, 1.                  |                          |                           |                         |
| 89—J. D. Cady,                  | 2 up.                    |                           |                          |                           |                         |

James, 4 up, 2 to play.

An entire revolution in the method of playing the championship games was effected at the annual meeting of the United States Golf Association, February 27, 1902, when it was enacted "IV. That the manner of conducting the amateur championship be altered. That the qualifying round (hitherto thirty-six holes) be confined to eighteen holes, with sixty-four to qualify (hitherto thirty-two), and the match play rounds be at eighteen holes, except the final, which shall be at thirty-six holes (hitherto every match-round had been at thirty-six holes)."

The method of pairing was also altered. Hitherto it had been the result of draws, ostensibly entirely chance, but in practice slightly controlled or salted, so that the best players were not likely to meet each other until the last two days. The new substitute for old Section XIV. of the by-laws enacts that "The pairing for the preliminary round at match play shall be determined as follows: The



GOLF—Continued.

first sixty-four players shall be ranked in accordance with the scores made by them in the medal-play round—equal scores to be numbered as they stand on the score-sheet. Player No. 1 shall be paired with player No. 33 and shall constitute pair No. 1. Player No. 2 shall be paired with player No. 34, and shall constitute pair No. 2. Odd numbered players shall be placed in the first half and even numbered players in the second half. According to this method, pair No. 1 shall be placed at the head of the first half; pair No. 2 shall be placed at the head of the second half; pair No. 3 at the foot of the first half; and pair No. 4 at the foot of the second half; and so on, alternately. Winners to play winners.

The English amateur championship was won over the Hoylake course (Chester) in the finals by G. Hutchings, 1 up over F. H. Fry. Mr. Hutchings was the oldest man in the competition.

The English open championship was won by Alexander Herd in 307 strokes for the 72 holes. James Braid and Henry Vardon, both ex-champions, made it in 308, and J. H. Taylor and H. H. Hilton, ex-champions, in 314.

The United States intercollegiate team Spring championship (36 holes) was won at Garden City in the finals by Yale's team of six, 18 holes over Harvard's 6.

The United States intercollegiate single Spring championship was won May 8 by Charles Hitchcock, Jr., of Yale, 11 up and 10 to play, over H. B. MacFarland, of the University of Pennsylvania.

The Fall United States intercollegiate team championship was played on the links at Morristown, N. J., October 21-22, between teams from Harvard, University of Pennsylvania, Yale, Princeton, and Columbia. Harvard's team won in the finals, a 36-hole round, over Princeton by 14 holes or 10 points, against 9 holes or 6 points.

Harvard has now held this championship four times, Yale three times.

At the same tournament, October 22 and 23, H. C. Egan, of Harvard, won the United States intercollegiate individual championship over 26 competitors, in the final round of 36 holes, by defeating H. B. MacFarland, of the University of Pennsylvania, by one hole. The score by strokes was, Egan 159, MacFarland 161.

The men's metropolitan amateur championship was won by Walter J. Travis over the Tuxedo links, 11 up, 10 to play in the finals, against Frank A. Marcellus, of the Yountakam Country Club, of Nutley, N. J.

The women's metropolitan championship was won by Mrs. E. A. Manice, of the Baltusrol Club, over the Essex County Country Club links, by defeating Miss Helene Fernandez in the finals, 7 up and 6 to play.

The women's national championship tournament was played over the links of the Brookline (Mass.) Country Club, under the auspices of the U. S. G. A., beginning September 30. Miss Genevieve Hecker, last year's champion, won again. The summary follows:

| QUALIFYING SCORE.         | September 30.  | October 1.         | October 2.     | October 2.         | Oct. 3.        | Oct. 4.            |                |                |         |                |                    |                    |                 |                    |                |         |                  |                |                    |               |                    |                    |                |                     |                    |         |                |                    |         |                 |         |                |                 |         |             |         |                    |             |                    |                |                     |                 |               |                    |             |         |                     |               |                    |             |         |                |                |                    |             |         |                    |                |                     |             |         |                |                    |         |                 |         |                    |                    |         |                 |         |                   |                    |         |                 |         |                     |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |                    |                    |         |                 |         |         |                    |         |                 |         |                 |                    |         |                 |         |         |                    |         |                 |         |             |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |
|---------------------------|----------------|--------------------|----------------|--------------------|----------------|--------------------|----------------|----------------|---------|----------------|--------------------|--------------------|-----------------|--------------------|----------------|---------|------------------|----------------|--------------------|---------------|--------------------|--------------------|----------------|---------------------|--------------------|---------|----------------|--------------------|---------|-----------------|---------|----------------|-----------------|---------|-------------|---------|--------------------|-------------|--------------------|----------------|---------------------|-----------------|---------------|--------------------|-------------|---------|---------------------|---------------|--------------------|-------------|---------|----------------|----------------|--------------------|-------------|---------|--------------------|----------------|---------------------|-------------|---------|----------------|--------------------|---------|-----------------|---------|--------------------|--------------------|---------|-----------------|---------|-------------------|--------------------|---------|-----------------|---------|---------------------|--------------------|---------|-----------------|---------|---------------|--------------------|---------|-----------------|---------|--------------------|--------------------|---------|-----------------|---------|---------------|--------------------|---------|-----------------|---------|--------------------|--------------------|---------|-----------------|---------|----------------|--------------------|---------|-----------------|---------|--------------------|--------------------|---------|-----------------|---------|----------------|--------------------|---------|-----------------|---------|---------------------|--------------------|---------|-----------------|---------|--------------------|--------------------|---------|-----------------|---------|---------|--------------------|---------|-----------------|---------|-----------------|--------------------|---------|-----------------|---------|---------|--------------------|---------|-----------------|---------|-------------|--------------------|---------|-----------------|---------|--------------------|--------------------|---------|-----------------|---------|----------------|--------------------|---------|-----------------|---------|---------------------|--------------------|---------|-----------------|---------|
| 80—Miss Margaret Curtis,  | } Miss Curtis, | } 5 up, 3 to play. | } Miss Curtis, | } 5 up, 4 to play. | } Mrs. Gorham, | } 4 up, 2 to play. |                |                |         |                |                    |                    |                 |                    |                |         |                  |                |                    |               |                    |                    |                |                     |                    |         |                |                    |         |                 |         |                |                 |         |             |         |                    |             |                    |                |                     |                 |               |                    |             |         |                     |               |                    |             |         |                |                |                    |             |         |                    |                |                     |             |         |                |                    |         |                 |         |                    |                    |         |                 |         |                   |                    |         |                 |         |                     |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |                    |                    |         |                 |         |         |                    |         |                 |         |                 |                    |         |                 |         |         |                    |         |                 |         |             |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |
| 97—Miss Anita Phipps,     |                |                    |                |                    |                |                    | } Miss Mackay, | } Mrs. Gorham, | } 2 up. | } Miss Hecker, | } 4 up, 2 to play. |                    |                 |                    |                |         |                  |                |                    |               |                    |                    |                |                     |                    |         |                |                    |         |                 |         |                |                 |         |             |         |                    |             |                    |                |                     |                 |               |                    |             |         |                     |               |                    |             |         |                |                |                    |             |         |                    |                |                     |             |         |                |                    |         |                 |         |                    |                    |         |                 |         |                   |                    |         |                 |         |                     |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |                    |                    |         |                 |         |         |                    |         |                 |         |                 |                    |         |                 |         |         |                    |         |                 |         |             |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |
| 96—Miss E. N. Lockwood,   |                |                    |                |                    |                |                    |                |                |         |                |                    | } 3 up, 2 to play. | } Miss Anthony, | } 4 up, 3 to play. | } Miss Hecker, | } 2 up. |                  |                |                    |               |                    |                    |                |                     |                    |         |                |                    |         |                 |         |                |                 |         |             |         |                    |             |                    |                |                     |                 |               |                    |             |         |                     |               |                    |             |         |                |                |                    |             |         |                    |                |                     |             |         |                |                    |         |                 |         |                    |                    |         |                 |         |                   |                    |         |                 |         |                     |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |                    |                    |         |                 |         |         |                    |         |                 |         |                 |                    |         |                 |         |         |                    |         |                 |         |             |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |
| 100—Miss Pauline Mackay,  |                |                    |                |                    |                |                    |                |                |         |                |                    |                    |                 |                    |                |         | } Miss Brownell, | } Miss Hecker, | } 3 up, 2 to play. | } Miss Wells, | } 6 up, 5 to play. |                    |                |                     |                    |         |                |                    |         |                 |         |                |                 |         |             |         |                    |             |                    |                |                     |                 |               |                    |             |         |                     |               |                    |             |         |                |                |                    |             |         |                    |                |                     |             |         |                |                    |         |                 |         |                    |                    |         |                 |         |                   |                    |         |                 |         |                     |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |                    |                    |         |                 |         |         |                    |         |                 |         |                 |                    |         |                 |         |         |                    |         |                 |         |             |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |
| 96—Miss M. Brownell,      |                |                    |                |                    |                |                    |                |                |         |                |                    |                    |                 |                    |                |         |                  |                |                    |               |                    | } 3 up, 2 to play. | } Miss Osgood, | } 1 up in 19 holes. | } Miss Vanderhoof, | } 2 up. |                |                    |         |                 |         |                |                 |         |             |         |                    |             |                    |                |                     |                 |               |                    |             |         |                     |               |                    |             |         |                |                |                    |             |         |                    |                |                     |             |         |                |                    |         |                 |         |                    |                    |         |                 |         |                   |                    |         |                 |         |                     |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |                    |                    |         |                 |         |         |                    |         |                 |         |                 |                    |         |                 |         |         |                    |         |                 |         |             |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |
| 101—Miss E. Hurlburt,     |                |                    |                |                    |                |                    |                |                |         |                |                    |                    |                 |                    |                |         |                  |                |                    |               |                    |                    |                |                     |                    |         | } Mrs. Gorham, | } Miss Vanderhoof, | } 2 up. | } Mrs. Shippen, | } 2 up. |                |                 |         |             |         |                    |             |                    |                |                     |                 |               |                    |             |         |                     |               |                    |             |         |                |                |                    |             |         |                    |                |                     |             |         |                |                    |         |                 |         |                    |                    |         |                 |         |                   |                    |         |                 |         |                     |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |                    |                    |         |                 |         |         |                    |         |                 |         |                 |                    |         |                 |         |         |                    |         |                 |         |             |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |
| 93—Mrs. E. A. Manice,     |                |                    |                |                    |                |                    |                |                |         |                |                    |                    |                 |                    |                |         |                  |                |                    |               |                    |                    |                |                     |                    |         |                |                    |         |                 |         | } Mrs. Gorham, | } Mrs. Shippen, | } 2 up. | } Mrs. Fox, | } 1 up. |                    |             |                    |                |                     |                 |               |                    |             |         |                     |               |                    |             |         |                |                |                    |             |         |                    |                |                     |             |         |                |                    |         |                 |         |                    |                    |         |                 |         |                   |                    |         |                 |         |                     |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |                    |                    |         |                 |         |         |                    |         |                 |         |                 |                    |         |                 |         |         |                    |         |                 |         |             |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |
| 99—Mrs. W. M. Gorham,     |                |                    |                |                    |                |                    |                |                |         |                |                    |                    |                 |                    |                |         |                  |                |                    |               |                    |                    |                |                     |                    |         |                |                    |         |                 |         |                |                 |         |             |         | } 5 up, 4 to play. | } Mrs. Fox, | } 2 up, 1 to play. | } Miss Bishop, | } 1 up in 19 holes. |                 |               |                    |             |         |                     |               |                    |             |         |                |                |                    |             |         |                    |                |                     |             |         |                |                    |         |                 |         |                    |                    |         |                 |         |                   |                    |         |                 |         |                     |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |                    |                    |         |                 |         |         |                    |         |                 |         |                 |                    |         |                 |         |         |                    |         |                 |         |             |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |
| 94—Miss Bessie Anthony,   |                |                    |                |                    |                |                    |                |                |         |                |                    |                    |                 |                    |                |         |                  |                |                    |               |                    |                    |                |                     |                    |         |                |                    |         |                 |         |                |                 |         |             |         |                    |             |                    |                |                     | } Miss Anthony, | } Miss Wells, | } 6 up, 4 to play. | } Mrs. Fox, | } 2 up. |                     |               |                    |             |         |                |                |                    |             |         |                    |                |                     |             |         |                |                    |         |                 |         |                    |                    |         |                 |         |                   |                    |         |                 |         |                     |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |                    |                    |         |                 |         |         |                    |         |                 |         |                 |                    |         |                 |         |         |                    |         |                 |         |             |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |
| 99—Miss F. S. Porter,     |                |                    |                |                    |                |                    |                |                |         |                |                    |                    |                 |                    |                |         |                  |                |                    |               |                    |                    |                |                     |                    |         |                |                    |         |                 |         |                |                 |         |             |         |                    |             |                    |                |                     |                 |               |                    |             |         | } 1 up in 19 holes. | } Miss Adams, | } 6 up, 4 to play. | } Mrs. Fox, | } 2 up. |                |                |                    |             |         |                    |                |                     |             |         |                |                    |         |                 |         |                    |                    |         |                 |         |                   |                    |         |                 |         |                     |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |                    |                    |         |                 |         |         |                    |         |                 |         |                 |                    |         |                 |         |         |                    |         |                 |         |             |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |
| 97—Mrs. N. P. Rogers,     |                |                    |                |                    |                |                    |                |                |         |                |                    |                    |                 |                    |                |         |                  |                |                    |               |                    |                    |                |                     |                    |         |                |                    |         |                 |         |                |                 |         |             |         |                    |             |                    |                |                     |                 |               |                    |             |         |                     |               |                    |             |         | } Mrs. Rogers, | } Miss Phelps, | } 5 up, 3 to play. | } Mrs. Fox, | } 2 up. |                    |                |                     |             |         |                |                    |         |                 |         |                    |                    |         |                 |         |                   |                    |         |                 |         |                     |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |                    |                    |         |                 |         |         |                    |         |                 |         |                 |                    |         |                 |         |         |                    |         |                 |         |             |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |
| 102—Miss Ruth Milne,      |                |                    |                |                    |                |                    |                |                |         |                |                    |                    |                 |                    |                |         |                  |                |                    |               |                    |                    |                |                     |                    |         |                |                    |         |                 |         |                |                 |         |             |         |                    |             |                    |                |                     |                 |               |                    |             |         |                     |               |                    |             |         |                |                |                    |             |         | } 4 up, 3 to play. | } Miss Osgood, | } 1 up in 19 holes. | } Mrs. Fox, | } 2 up. |                |                    |         |                 |         |                    |                    |         |                 |         |                   |                    |         |                 |         |                     |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |                    |                    |         |                 |         |         |                    |         |                 |         |                 |                    |         |                 |         |         |                    |         |                 |         |             |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |
| 96—Miss G. Hecker,        |                |                    |                |                    |                |                    |                |                |         |                |                    |                    |                 |                    |                |         |                  |                |                    |               |                    |                    |                |                     |                    |         |                |                    |         |                 |         |                |                 |         |             |         |                    |             |                    |                |                     |                 |               |                    |             |         |                     |               |                    |             |         |                |                |                    |             |         |                    |                |                     |             |         | } Miss Hecker, | } Miss Vanderhoof, | } 2 up. | } Mrs. Shippen, | } 2 up. |                    |                    |         |                 |         |                   |                    |         |                 |         |                     |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |                    |                    |         |                 |         |         |                    |         |                 |         |                 |                    |         |                 |         |         |                    |         |                 |         |             |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |
| 100—Mrs. Edward Sanford,  |                |                    |                |                    |                |                    |                |                |         |                |                    |                    |                 |                    |                |         |                  |                |                    |               |                    |                    |                |                     |                    |         |                |                    |         |                 |         |                |                 |         |             |         |                    |             |                    |                |                     |                 |               |                    |             |         |                     |               |                    |             |         |                |                |                    |             |         |                    |                |                     |             |         |                |                    |         |                 |         | } 3 up, 2 to play. | } Miss Vanderhoof, | } 2 up. | } Mrs. Shippen, | } 2 up. |                   |                    |         |                 |         |                     |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |                    |                    |         |                 |         |         |                    |         |                 |         |                 |                    |         |                 |         |         |                    |         |                 |         |             |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |
| 90—Miss Ruth Underhill,   |                |                    |                |                    |                |                    |                |                |         |                |                    |                    |                 |                    |                |         |                  |                |                    |               |                    |                    |                |                     |                    |         |                |                    |         |                 |         |                |                 |         |             |         |                    |             |                    |                |                     |                 |               |                    |             |         |                     |               |                    |             |         |                |                |                    |             |         |                    |                |                     |             |         |                |                    |         |                 |         |                    |                    |         |                 |         | } Miss Underhill, | } Miss Vanderhoof, | } 2 up. | } Mrs. Shippen, | } 2 up. |                     |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |                    |                    |         |                 |         |         |                    |         |                 |         |                 |                    |         |                 |         |         |                    |         |                 |         |             |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |
| 98—Mrs. R. G. Brown,      |                |                    |                |                    |                |                    |                |                |         |                |                    |                    |                 |                    |                |         |                  |                |                    |               |                    |                    |                |                     |                    |         |                |                    |         |                 |         |                |                 |         |             |         |                    |             |                    |                |                     |                 |               |                    |             |         |                     |               |                    |             |         |                |                |                    |             |         |                    |                |                     |             |         |                |                    |         |                 |         |                    |                    |         |                 |         |                   |                    |         |                 |         | } 1 up in 19 holes. | } Miss Vanderhoof, | } 2 up. | } Mrs. Shippen, | } 2 up. |               |                    |         |                 |         |                    |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |                    |                    |         |                 |         |         |                    |         |                 |         |                 |                    |         |                 |         |         |                    |         |                 |         |             |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |
| 89—Miss L. A. Wells,      |                |                    |                |                    |                |                    |                |                |         |                |                    |                    |                 |                    |                |         |                  |                |                    |               |                    |                    |                |                     |                    |         |                |                    |         |                 |         |                |                 |         |             |         |                    |             |                    |                |                     |                 |               |                    |             |         |                     |               |                    |             |         |                |                |                    |             |         |                    |                |                     |             |         |                |                    |         |                 |         |                    |                    |         |                 |         |                   |                    |         |                 |         |                     |                    |         |                 |         | } Miss Wells, | } Miss Vanderhoof, | } 2 up. | } Mrs. Shippen, | } 2 up. |                    |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |                    |                    |         |                 |         |         |                    |         |                 |         |                 |                    |         |                 |         |         |                    |         |                 |         |             |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |
| 98—Miss E. C. Farrington, |                |                    |                |                    |                |                    |                |                |         |                |                    |                    |                 |                    |                |         |                  |                |                    |               |                    |                    |                |                     |                    |         |                |                    |         |                 |         |                |                 |         |             |         |                    |             |                    |                |                     |                 |               |                    |             |         |                     |               |                    |             |         |                |                |                    |             |         |                    |                |                     |             |         |                |                    |         |                 |         |                    |                    |         |                 |         |                   |                    |         |                 |         |                     |                    |         |                 |         |               |                    |         |                 |         | } 6 up, 4 to play. | } Miss Vanderhoof, | } 2 up. | } Mrs. Shippen, | } 2 up. |               |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |                    |                    |         |                 |         |         |                    |         |                 |         |                 |                    |         |                 |         |         |                    |         |                 |         |             |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |
| 96—Miss M. B. Adams,      |                |                    |                |                    |                |                    |                |                |         |                |                    |                    |                 |                    |                |         |                  |                |                    |               |                    |                    |                |                     |                    |         |                |                    |         |                 |         |                |                 |         |             |         |                    |             |                    |                |                     |                 |               |                    |             |         |                     |               |                    |             |         |                |                |                    |             |         |                    |                |                     |             |         |                |                    |         |                 |         |                    |                    |         |                 |         |                   |                    |         |                 |         |                     |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         | } Miss Adams, | } Miss Vanderhoof, | } 2 up. | } Mrs. Shippen, | } 2 up. |                    |                    |         |                 |         |                |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |                    |                    |         |                 |         |         |                    |         |                 |         |                 |                    |         |                 |         |         |                    |         |                 |         |             |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |
| 100—Miss C. G. Willis,    |                |                    |                |                    |                |                    |                |                |         |                |                    |                    |                 |                    |                |         |                  |                |                    |               |                    |                    |                |                     |                    |         |                |                    |         |                 |         |                |                 |         |             |         |                    |             |                    |                |                     |                 |               |                    |             |         |                     |               |                    |             |         |                |                |                    |             |         |                    |                |                     |             |         |                |                    |         |                 |         |                    |                    |         |                 |         |                   |                    |         |                 |         |                     |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |               |                    |         |                 |         | } 6 up, 4 to play. | } Miss Vanderhoof, | } 2 up. | } Mrs. Shippen, | } 2 up. |                |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |                    |                    |         |                 |         |         |                    |         |                 |         |                 |                    |         |                 |         |         |                    |         |                 |         |             |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |
| 97—Miss M. G. Phelps,     |                |                    |                |                    |                |                    |                |                |         |                |                    |                    |                 |                    |                |         |                  |                |                    |               |                    |                    |                |                     |                    |         |                |                    |         |                 |         |                |                 |         |             |         |                    |             |                    |                |                     |                 |               |                    |             |         |                     |               |                    |             |         |                |                |                    |             |         |                    |                |                     |             |         |                |                    |         |                 |         |                    |                    |         |                 |         |                   |                    |         |                 |         |                     |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         | } Miss Phelps, | } Miss Vanderhoof, | } 2 up. | } Mrs. Shippen, | } 2 up. |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |                    |                    |         |                 |         |         |                    |         |                 |         |                 |                    |         |                 |         |         |                    |         |                 |         |             |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |
| 101—Mrs. J. B. Kenney,    |                |                    |                |                    |                |                    |                |                |         |                |                    |                    |                 |                    |                |         |                  |                |                    |               |                    |                    |                |                     |                    |         |                |                    |         |                 |         |                |                 |         |             |         |                    |             |                    |                |                     |                 |               |                    |             |         |                     |               |                    |             |         |                |                |                    |             |         |                    |                |                     |             |         |                |                    |         |                 |         |                    |                    |         |                 |         |                   |                    |         |                 |         |                     |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         | } 5 up, 3 to play. | } Miss Vanderhoof, | } 2 up. | } Mrs. Shippen, | } 2 up. |                |                    |         |                 |         |                     |                    |         |                 |         |                    |                    |         |                 |         |         |                    |         |                 |         |                 |                    |         |                 |         |         |                    |         |                 |         |             |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |
| 93—Miss F. C. Osgood,     |                |                    |                |                    |                |                    |                |                |         |                |                    |                    |                 |                    |                |         |                  |                |                    |               |                    |                    |                |                     |                    |         |                |                    |         |                 |         |                |                 |         |             |         |                    |             |                    |                |                     |                 |               |                    |             |         |                     |               |                    |             |         |                |                |                    |             |         |                    |                |                     |             |         |                |                    |         |                 |         |                    |                    |         |                 |         |                   |                    |         |                 |         |                     |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                    |                    |         |                 |         | } Miss Osgood, | } Miss Vanderhoof, | } 2 up. | } Mrs. Shippen, | } 2 up. |                     |                    |         |                 |         |                    |                    |         |                 |         |         |                    |         |                 |         |                 |                    |         |                 |         |         |                    |         |                 |         |             |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |
| 99—Miss M. Wetmore,       |                |                    |                |                    |                |                    |                |                |         |                |                    |                    |                 |                    |                |         |                  |                |                    |               |                    |                    |                |                     |                    |         |                |                    |         |                 |         |                |                 |         |             |         |                    |             |                    |                |                     |                 |               |                    |             |         |                     |               |                    |             |         |                |                |                    |             |         |                    |                |                     |             |         |                |                    |         |                 |         |                    |                    |         |                 |         |                   |                    |         |                 |         |                     |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         | } 1 up in 19 holes. | } Miss Vanderhoof, | } 2 up. | } Mrs. Shippen, | } 2 up. |                    |                    |         |                 |         |         |                    |         |                 |         |                 |                    |         |                 |         |         |                    |         |                 |         |             |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |
| 95—Miss J. A. Carpenter,  |                |                    |                |                    |                |                    |                |                |         |                |                    |                    |                 |                    |                |         |                  |                |                    |               |                    |                    |                |                     |                    |         |                |                    |         |                 |         |                |                 |         |             |         |                    |             |                    |                |                     |                 |               |                    |             |         |                     |               |                    |             |         |                |                |                    |             |         |                    |                |                     |             |         |                |                    |         |                 |         |                    |                    |         |                 |         |                   |                    |         |                 |         |                     |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         | } Miss Vanderhoof, | } Miss Vanderhoof, | } 2 up. | } Mrs. Shippen, | } 2 up. |         |                    |         |                 |         |                 |                    |         |                 |         |         |                    |         |                 |         |             |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |
| 99—Miss E. L. Vanderhoof, |                |                    |                |                    |                |                    |                |                |         |                |                    |                    |                 |                    |                |         |                  |                |                    |               |                    |                    |                |                     |                    |         |                |                    |         |                 |         |                |                 |         |             |         |                    |             |                    |                |                     |                 |               |                    |             |         |                     |               |                    |             |         |                |                |                    |             |         |                    |                |                     |             |         |                |                    |         |                 |         |                    |                    |         |                 |         |                   |                    |         |                 |         |                     |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |                    |                    |         |                 |         | } 2 up. | } Miss Vanderhoof, | } 2 up. | } Mrs. Shippen, | } 2 up. |                 |                    |         |                 |         |         |                    |         |                 |         |             |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |
| 97—Mrs. Wm. Shippen,      |                |                    |                |                    |                |                    |                |                |         |                |                    |                    |                 |                    |                |         |                  |                |                    |               |                    |                    |                |                     |                    |         |                |                    |         |                 |         |                |                 |         |             |         |                    |             |                    |                |                     |                 |               |                    |             |         |                     |               |                    |             |         |                |                |                    |             |         |                    |                |                     |             |         |                |                    |         |                 |         |                    |                    |         |                 |         |                   |                    |         |                 |         |                     |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |                    |                    |         |                 |         |         |                    |         |                 |         | } Mrs. Shippen, | } Miss Vanderhoof, | } 2 up. | } Mrs. Shippen, | } 2 up. |         |                    |         |                 |         |             |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |
| 103—Mrs. Alex. McGregor,  |                |                    |                |                    |                |                    |                |                |         |                |                    |                    |                 |                    |                |         |                  |                |                    |               |                    |                    |                |                     |                    |         |                |                    |         |                 |         |                |                 |         |             |         |                    |             |                    |                |                     |                 |               |                    |             |         |                     |               |                    |             |         |                |                |                    |             |         |                    |                |                     |             |         |                |                    |         |                 |         |                    |                    |         |                 |         |                   |                    |         |                 |         |                     |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |                    |                    |         |                 |         |         |                    |         |                 |         |                 |                    |         |                 |         | } 2 up. | } Miss Vanderhoof, | } 2 up. | } Mrs. Shippen, | } 2 up. |             |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |
| 96—Mrs. C. F. Fox,        |                |                    |                |                    |                |                    |                |                |         |                |                    |                    |                 |                    |                |         |                  |                |                    |               |                    |                    |                |                     |                    |         |                |                    |         |                 |         |                |                 |         |             |         |                    |             |                    |                |                     |                 |               |                    |             |         |                     |               |                    |             |         |                |                |                    |             |         |                    |                |                     |             |         |                |                    |         |                 |         |                    |                    |         |                 |         |                   |                    |         |                 |         |                     |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |                    |                    |         |                 |         |         |                    |         |                 |         |                 |                    |         |                 |         |         |                    |         |                 |         | } Mrs. Fox, | } Miss Vanderhoof, | } 2 up. | } Mrs. Shippen, | } 2 up. |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |
| 101—Miss Marion Oliver,   |                |                    |                |                    |                |                    |                |                |         |                |                    |                    |                 |                    |                |         |                  |                |                    |               |                    |                    |                |                     |                    |         |                |                    |         |                 |         |                |                 |         |             |         |                    |             |                    |                |                     |                 |               |                    |             |         |                     |               |                    |             |         |                |                |                    |             |         |                    |                |                     |             |         |                |                    |         |                 |         |                    |                    |         |                 |         |                   |                    |         |                 |         |                     |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |                    |                    |         |                 |         |         |                    |         |                 |         |                 |                    |         |                 |         |         |                    |         |                 |         |             |                    |         |                 |         | } 2 up, 1 to play. | } Miss Vanderhoof, | } 2 up. | } Mrs. Shippen, | } 2 up. |                |                    |         |                 |         |                     |                    |         |                 |         |
| 90—Miss G. M. Bishop,     |                |                    |                |                    |                |                    |                |                |         |                |                    |                    |                 |                    |                |         |                  |                |                    |               |                    |                    |                |                     |                    |         |                |                    |         |                 |         |                |                 |         |             |         |                    |             |                    |                |                     |                 |               |                    |             |         |                     |               |                    |             |         |                |                |                    |             |         |                    |                |                     |             |         |                |                    |         |                 |         |                    |                    |         |                 |         |                   |                    |         |                 |         |                     |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |                    |                    |         |                 |         |         |                    |         |                 |         |                 |                    |         |                 |         |         |                    |         |                 |         |             |                    |         |                 |         |                    |                    |         |                 |         | } Miss Bishop, | } Miss Vanderhoof, | } 2 up. | } Mrs. Shippen, | } 2 up. |                     |                    |         |                 |         |
| 99—Miss G. Fiske,         |                |                    |                |                    |                |                    |                |                |         |                |                    |                    |                 |                    |                |         |                  |                |                    |               |                    |                    |                |                     |                    |         |                |                    |         |                 |         |                |                 |         |             |         |                    |             |                    |                |                     |                 |               |                    |             |         |                     |               |                    |             |         |                |                |                    |             |         |                    |                |                     |             |         |                |                    |         |                 |         |                    |                    |         |                 |         |                   |                    |         |                 |         |                     |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |               |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         |                     |                    |         |                 |         |                    |                    |         |                 |         |         |                    |         |                 |         |                 |                    |         |                 |         |         |                    |         |                 |         |             |                    |         |                 |         |                    |                    |         |                 |         |                |                    |         |                 |         | } 1 up in 19 holes. | } Miss Vanderhoof, | } 2 up. | } Mrs. Shippen, | } 2 up. |

The open (professional) championship for 1902, held under the auspices of the U. S. G. A., was contested over the Garden City links, Long Island, October 10 and 11. There were 96 entries, of which 16 were amateurs. Lawrence Auchterlonie, the professional of Glen View, Chicago, won, making the four rounds of 18 holes each in 307 strokes. [The championship of 1901, over the Myopia (Mass.) links, required 331 strokes.] Second place was a tie between W. J. Travis (amateur) and Stewart Gardner (professional), both playing on their home club links the four rounds in 313. The scores of the leading players follow:

| PLAYER.                  | Rounds. | 1  | 2  | 3  | 4 | Total. |
|--------------------------|---------|----|----|----|---|--------|
| Lawrence Auchterlonie... | 78      | 78 | 74 | 77 | — | 307    |
| W. J. Travis.....        | 82      | 82 | 75 | 74 | — | 313    |
| Stewart Gardner.....     | 82      | 76 | 77 | 78 | — | 313    |
| Willie Smith.....        | 82      | 79 | 80 | 75 | — | 316    |
| Willie Anderson.....     | 79      | 82 | 76 | 81 | — | 318    |
| PLAYER.                  | Rounds. | 1  | 2  | 3  | 4 | Total. |
| J. H. Shippen.....       | 83      | 81 | 75 | 79 | — | 318    |
| Charles Thom.....        | 80      | 82 | 80 | 77 | — | 319    |
| Harry Purple.....        | 79      | 85 | 78 | 78 | — | 320    |
| Donald J. Ross.....      | 80      | 83 | 78 | 81 | — | 322    |
| Alex. Ross.....          | 83      | 77 | 84 | 79 | — | 323    |

The Western open championship was won on the Euclid Club links at Cleveland, O., September 17, by Willie Anderson, with a score of 290.

## Homing Pigeons.

### CHAMPION RECORDS.

#### OLD BIRDS.

| Dist. Miles. | Owner.            | Address.           | Year. | Speed. Yards. | Dist. Miles. | Owner.           | Address.           | Year. | Speed. Yards. |
|--------------|-------------------|--------------------|-------|---------------|--------------|------------------|--------------------|-------|---------------|
| 100 *        | Wm. J. Lantz....  | Buffalo, N. Y..... | 1900  | 2,511.87      | 500.....     | Wm. J. Lantz.... | Buffalo, N. Y..... | 1898  | 1,608.04      |
| 200.....     | G. H. Watchman.   | Baltimore, Md..... | 1897  | 1,893.59      | 600.....     | James McGahey.   | Philadelphia, Pa.. | 1896  | 1,208.99      |
| 200.....     | F. Kouff.....     | Detroit, Mich..... | 1896  | 1,848         | 700.....     | Wm. J. Lantz.... | Buffalo, N. Y..... | 1898  | 1,346.97      |
| 400.....     | J. S. Kearns..... | Radnor, Pa.....    | 1902  | 1,716.89      |              |                  |                    |       |               |

\* Made in a wind of exceptional velocity and on the line of flight.

General average speed bird, 100 to 500 miles inclusive, Harry Robertson, Brooklyn; speed, 1 394.63 yards.

General average loft, 100 to 600 miles inclusive, Charles Bang, South Beach, Staten Island, N. Y., 1899; speed, 1,176.19 yards.

Long distance, Fred. Mahnke, Cleveland, O., July, 1902, 1,230 miles in 12 days 3 hours 2 minutes 3 seconds.

#### YOUNG BIRDS.

| Dist. Miles. | Owner.            | Address.           | Year. | Speed. Yards. | Dist. Miles. | Owner.             | Address.           | Year. | Speed. Yards. |
|--------------|-------------------|--------------------|-------|---------------|--------------|--------------------|--------------------|-------|---------------|
| 100.....     | Del F. Da Frane.. | Elizabeth, Pa..... | ..... | 1,551.50      | 300.....     | U. G. Kurtz.....   | Phoenixville, Pa.. | 1896  | 1,305.14      |
| 150.....     | F. G. Thom.....   | Monroe, N. Y.....  | 1900  | 1,840.95      | 400.....     | E. S. Peterson.... | Chicago, Ill.....  | ..... | 1,069.65      |
| 200.....     | F. C. Clark.....  | Philadelphia, Pa.. | 1894  | 1,875.45      | 500.....     | H. H. Hunsberger.  | Chestnut Hill, Pa. | 1897  | 856.70        |
| 250.....     | Geary & Kendall.  | Philadelphia, Pa.. | 1893  | 1,818.41      | 600.....     | G. W. Shaffer....  | Cream Ridge, N.J.  | 1897  | 557.78        |

General average loft, 100, 150, and 200 miles inclusive, Adolph Busch, Staten Island, N. Y., 1897; speed, 1,356.73 yards.

Long distance, H. A. Lippincott, Philadelphia, Pa., 1894, 620 miles.

## Pool.

A PROFESSIONAL tournament for the championship of the world was held in Brooklyn in March, with nine competitors, which resulted as follows:

| PLAYER.                           | Won. | Lost. | PLAYER.                      | Won. | Lost. |
|-----------------------------------|------|-------|------------------------------|------|-------|
| W. H. Clearwater, Pittsburgh..... | 7    | 1     | Irving Long, Boston.....     | 3    | 5     |
| Chas. Weston, Omaha.....          | 7    | 1     | H. P. Stofft, Cleveland..... | 2    | 6     |
| William Wenrick, New York.....    | 6    | 2     | Grant Eby, Springfield.....  | 2    | 6     |
| Jerome Keogh, Buffalo.....        | 5    | 3     | W. McCune, New York.....     | 1    | 7     |
| P. H. Walsh, Brooklyn.....        | 3    | 5     |                              |      |       |

In the play-off of the tie, Clearwater beat Weston.

Grant Eby, of Springfield, Mass., challenged W. H. Clearwater, the champion, and the two met in a three nights' match for the title in Brooklyn, May 8, 9, and 10. Eby won the championship by a score of 600 to 448.

## Polo.

The extension of polo in 1902 was remarkable. Among the principal contests were those played at Hurlingham, England, for the International Polo Challenge Cup, which was won in America by an English team in 1876. The award was to follow the best two matches out of three. The American four players, in the first and second matches, consisted of Messrs. R. L. Agassiz, John E. Cowdin, Foxhall Keene, and Lawrence Waterbury. In the third match James M. Waterbury, Jr., replaced Mr. Cowdin. The English team in the first match consisted of Messrs. Cecil Nickalls, Charles D. Miller, Walter F. Buckmaster, and Frank Freake. In the second match Patterson Nickalls played instead of Freake and in the third George Miller. The Americans won the first match 2 goals to 1. The English team won the second by 6 goals to 1, and the third by 7 goals to 1.

In the eighth annual Senior American Championship for the Astor Cup played at Saratoga, Lakewood beat Bryn Mawr in the finals 5½ to 3¾ goals. The Lakewood team consisted of F. H. A. Lyle, J. E. Cowdin, J. M. Waterbury, Jr., and Lawrence Waterbury.

The previous senior champions were in 1895, Myopia; in 1896, Rockaway; in 1897, Meadow Brook; in 1898, Meadow Brook; in 1899, Westchester; in 1900, Dedham; in 1901, Lakewood.

For the Junior Championship Cup, Rockaway beat Westchester in the finals 12½ to 9 goals, having previously beaten Lakewood. The Rockaway team consisted of A. Alexander, R. La Montagne, F. S. Conover, and P. F. Collier.

Minor series of games and cup contests were played:

April 28 to May 10, at the Lakewood Polo Club.

May 15 to May 31, at the Country Club of Westchester.

May 15 to May 31, at the Meadow Brook Hunt Club.

June 2 to June 7, at the Devon Club of Pennsylvania.

June 9 to June 21, at the Bryn Mawr Polo Club, Pennsylvania.

June 23 to June 28, at the Country Club of Philadelphia.

June 30 to July 3, at the Rumson Polo Club, New Jersey.

July 4 to July 13, at the Rockaway Hunt Club.

July 21 to July 26, at the Great Neck Polo Club, Long Island.

July 23 to July 28, at the Onwentsia Polo Club, Chicago, Ill.

July 28 to August 6, at Saratoga, N. Y. (championship games).

August 6 to August 10, at Newport.

August 21 to August 30, at the Westchester Polo Club, New York.

September 1 to September 4, at the Myopia Hunt Club, Massachusetts.

September 8 to September 15, at the Dedham Polo Club, Massachusetts.

September 15 to September 20, at the Staten Island Polo Club.

September 23 to September 27, at the Somerset Polo Club.

September 28 to October 4, at the St. Louis Coursing Club.

## Lawn Tennis.

### NATIONAL CHAMPIONSHIPS FOR 1902.

The annual championship tournament of the United States National Lawn Tennis Association was held as usual at the Casino, Newport, R. I., August 19 to 27, 1902.

All three of the visiting British players were entered for the singles, but Dr. J. Pim was beaten in the fourth round by L. E. Ware.

The two Doherty brothers came together in the semi-final round, and H. L. Doherty defaulted to his older brother. R. F. Doherty then met M. D. Whitman in the final round and won 't all-comers', beating the former American champion by 6-1, 3-6, 6-4, 6-0. In he challenger round, R. F. Doherty met W. A. Larned, last year's champion, and was beaten by 4-6, 6-2, 6-4, 8-6.

The championship in doubles was divided as usual into two sectional tournaments, the Eastern championship being held at Boston, July 28 and following days, and the Western championship at Chicago, July 14 and following days. At Boston, R. F. Doherty and H. L. Doherty won the Eastern title, beating R. D. Wrenn and G. L. Wrenn, Jr., in the finals by 4-6, 7-5, 6-2, 6-2. The Western title was won by Krieh Collins and L. H. Waidner, who beat R. D. Little and F. B. Alexander in the final round by 6-1, 6-0, 6-2.

In the final round of doubles at Newport, the Doherty brothers beat Collins and Waidner by 2-6, 6-3, 4-6, 6-3, 6-3.

The English winners then challenged D. F. Davis and Holcombe Ward, last year's champions, and won the American championship from them by 11-9, 12-10, 6-4.

H. H. Whitman (representing the Harvard preparatory schools) won the national interscholastic championship at Newport, beating F. R. Smith (representing Columbia preparatory schools) by 6-1, 6-3, 6-1.

The championship tournament for women was held at Philadelphia, beginning June 24, 1902.

In the singles, Miss Marion Jones, of California, won the all-comers', beating Miss Carrie Neely, of Chicago, in the finals by 8-6, 6-4. She then challenged Miss Elizabeth H. Moore, of Brooklyn, last year's champion, and won the championship title from her by 6-1, 1-0 (defaulted). Miss Moore was taken sick on the court and could not finish the match. Miss Marion Jones and Miss Juliette P. Atkinson won the championship for women's doubles, and Miss Elizabeth H. Moore and Wylie C. Grant won the championship for mixed doubles.

The national indoor championship tournament was held in the Seventh Regiment Armory, New York, during the week of February 19, 1902. The championship in singles was won by J. Parny Fort, of New York, who beat Wylie C. Grant, of New York, in the finals by 4-6, 9-7, 1-6, 8-6, 6-4. W. C. Grant and Robert Le Roy won the championship in doubles.

### INTERNATIONAL MATCHES.

The second series of international matches for the Davis Challenge Cup was played at the Crescent Athletic Club grounds, Brooklyn, August 6, 7, and 8, 1902. The English Lawn Tennis Association challenged for the international championship and sent a team over composed of R. F. Doherty, H. L. Doherty, and Dr. J. Pim. They were opposed by four Americans, W. A. Larned, M. D. Whitman, D. F. Davis, and Holcombe Ward. Five matches were played and the American team won by three matches to two. The results:

**SINGLES**—First round, M. D. Whitman (America) beat Dr. J. Pim (Great Britain), 6-1, 6-1, 1-6, 6-0. R. F. Doherty (Great Britain) beat W. A. Larned (America), 2-6, 3-6, 6-3, 6-4, 6-4. Second round, M. D. Whitman (America) beat R. F. Doherty (Great Britain), 6-1, 7-5, 6-4. W. A. Larned (America) beat Dr. J. Pim (Great Britain), 6-3, 6-2, 6-3.

**DOUBLES**—R. F. Doherty and H. L. Doherty (Great Britain) beat D. F. Davis and Holcombe Ward (America), 3-6, 10-8, 6-3, 6-4.

**RESULT**—America won by 3 matches to 2, 12 sets to 7, 100 games to 74, and 596 points to 555.

### CHAMPIONSHIP WINNERS OF 1902.

| TITLE.                  | Where Won.            | Date.*    | Singles.                 | Doubles.                                    |
|-------------------------|-----------------------|-----------|--------------------------|---------------------------------------------|
| United States National. | Newport, R. I.        | Aug. 19.  | W. A. Larned             | R. F. Doherty and H. L. Doherty.            |
| Indoor National.        | New York.             | Feb. 19.  | J. P. Parny              | W. C. Grant and Robert Le Roy.              |
| Women's National.       | Philadelphia          | June 24.  | Miss Marion Jones        | Misses M. Jones and J. P. Atkinson.         |
| Inter-collegiate.       | Philadelphia          | Sept. 29. | W. J. Clothier (Harvard) | W. J. Clothier and E. W. Leonard (Harvard.) |
| Interscholastic.        | Newport, R. I.        | Aug. 22.  | H. H. Whitman            | There were no doubles.                      |
| All-England.            | Wimbledon, Eng.       | June 23.  | H. L. Doherty            | S. H. Smith and F. L. Risley.               |
| Canada.                 | Niagara-on-Lake, Ont. | July 7.   | B. C. Wright             | B. C. Wright and I. C. Wright.              |
| Eastern States.         | Boston.               | July 28.  | R. F. Clothier.          | R. F. Doherty and H. L. Doherty.            |
| Western States.         | Chicago.              | July 14.  | Krieh Collins            | Krieh Collins and L. H. Waidner.            |
| Middle States.          | Orange, N. J.         | June 30.  | Holcombe Ward.           | D. F. Davis and Holcombe Ward.              |
| Southern States.        | Washington.           | May 26.   | R. D. Little             | J. P. Parny and W. C. Grant.                |
| New England States.     | Hartford, Ct.         | June 17.  | Clarence Hobart          | James Terry and F. E. Howard.               |
| Pacific Coast.          | San Francisco.        | Aug. 25.  | G. F. Whitney            | G. F. Whitney and H. N. Whitney.            |
| Northwestern.           | Minnetonka, Minn.     | July 28.  | R. D. Little             | R. D. Little and L. H. Waidner.             |
| New York State.         | Syracuse.             | July 15.  | F. B. Alexander          | F. B. Alexander and A. D. Jenney.           |
| New Jersey.             | Hoboken.              | June 9.   | Richard Stevens          | There were no doubles.                      |
| Pennsylvania.           | Philadelphia          | June 2.   | W. J. Clothier.          | H. N. Allen and C. M. Bunting.              |
| Massachusetts.          | Boston                | June 14.  | B. C. Wright             | R. C. Seaver and A. S. Pier.                |
| Interstate.             | Cincinnati, O.        | July 12.  | R. D. Little.            | N. Emerson and E. Diehl.                    |
| District of Columbia.   | Washington            | Oct. 5.   | J. C. Davidson.          | J. C. Davidson and L. W. Glazebrook.        |
| Metropolitan.           | New York              | June 23.  | H. H. Hackett            | H. H. Hackett and E. P. Fisher.             |

\* Dates given are those on which tournaments began. † Doubles held at Magnolia, Mass. ‡ Includes Ohio, Indiana, and Kentucky.

### OFFICIAL HONOR LIST FOR THE LAST EIGHT YEARS.

| RANK. | 1902.     | 1901.     | 1900.    | 1899.      | 1898.    | 1897.    | 1896.    | 1895.     |
|-------|-----------|-----------|----------|------------|----------|----------|----------|-----------|
| 1.    | Larned.   | Larned.   | Whitman  | Whitman    | Whitman  | R. Wrenn | R. Wrenn | Hovey.    |
| 2.    | Whitman.  | Wright    | Davis    | Davis      | Ware     | Larned   | Larned   | Larned.   |
| 3.    | Wright.   | Davis     | Larned.  | Larned.    | Bond     | Eaves    | Neel     | Chace.    |
| 4.    | Ware      | Ware      | Wright.  | Faret      | Davis    | Fisher   | Hovey    | Howland.  |
| 5.    | Clothier. | Hobart.   | Collins. | Collins.   | Budlong  | Mahony   | Fisher   | R. Wrenn. |
| 6.    | Ware      | Little    | G. Wrenn | G. Wrenn   | Fischer  | G. Wrenn | G. Wrenn | Neel.     |
| 7.    | Little    | Ware      | Ware     | Ware       | G. Wrenn | Whitman  | Stevens  | Hobart.   |
| 8.    | Hackett.  | Collins   | Ware     | Wright     | Stevens  | Collins. | Whitman  | Stevens.  |
| 9.    | Hobart.   | Fischer.  | Allen    | Ware       | Millett. | Fischer. | Ware     | Foote.    |
| 10.   | Collins.  | Clothier. | Little   | Huntington | Belden   | Bond     | Sheldon. | Budlong.  |

## Rifle and Revolver Shooting.

## PAST INTERNATIONAL RIFLE MATCHES.

THE National Rifle Association of America was formed in the year 1873. In the following year, 1874, the Irish team, which had won the Elcho Shield at the National Rifle Association of Great Britain's meet at Wimbledon, challenged America to a competition. This was accepted by the Amateur Rifle Club, a subsidiary organization to the National Rifle Association. The Irish team was beaten on the last shot by a bull's-eye fired by "Old Reliable" Col John Bodine. The distances fired over were 800, 900, and 1,000 yards. The total scores were respectively America 931, Ireland 930.

Next year (1875) at the National Rifle Association of America's meet, the American team won the Palma Trophy over teams from Ireland, Scotland, Canada, and Australia.

In 1877 another British team came over, and was beaten at Creedmore by an aggregate score of 3,334 to 3,242.

In 1880 an American team shot in Ireland, and won by a score of 1,292 to 1,280.

International contests were in abeyance from 1880 to 1891, when another Irish team came over and won at Sea Girt by 1,620 to 1,558, fifteen shots being fired by each man at 800, 900, and 1,000 yards, rendering a score of 1,800 points possible.

Over the same range, September 5, 1901, the Centennial or Palma Trophy was won by a Canadian team, over a team of the United States, by 1,522 points against 1,491.

On September 13, 1902, a selected team of Americans contested for the cup again, on the Rockcliffe Rifle Range, Ottawa, Canada. The contest resulted: British team, 1,459; American team, 1,447; Canadian team, 1,373.

## THE THIRTEENTH AMERICAN RIFLE-SHOOTING CHAMPIONSHIPS FOR 1902.

The Hilton Trophy, donated by the late Judge Henry Hilton for interstate competition, and won in 1878, 1879, 1881, and 1891 by a New York team, and 1901 by Washington, D. C., was won by a team recruited from the various National Guard regiments of New York over those of New Jersey, by the following scores:

|                | 200 yds. | 500 yds. | 600 yds. | Total. |                  | 200 yds. | 500 yds. | 600 yds. | Total. |
|----------------|----------|----------|----------|--------|------------------|----------|----------|----------|--------|
| New York ..... | 362      | 397      | 379      | 1,138  | New Jersey ..... | 364      | 384      | 375      | 1,123  |

The Columbian Trophy at 200 and 500 yards was won by the team of the 2d Regiment of New Jersey, with a score of 257 points.

The Jersey National Guard match, at the same ranges, was won by the 1st Regiment, of Newark, with a score of 512 points.

The Inspector of Rifle Practice match was won by Major James E. Bell, Inspector-General, D. C., with the remarkable score of 96 out of a possible 100 points.

The Wimbledon Cup, thirty shots at 1,000 yards, for which there were 50 entries, was won by Corporal K. K. V. Casey, Company B, 71st Regiment, New York, with a score of 128—handicap for bullet of 18.

The Interstate Schuetzen team match at the German ring target at 200 yards, was won by the first team of New Jersey, with a total of 1,046 points.

The Carbine Team match of teams of 5 at 200 yards was won, over seven other teams, by Squadron A, of New York, with 208 points.

The Company match was won by Company A, Sixth Battalion of the District of Columbia, with a score of 312 points, against sixteen other squads.

The Regimental match went to the team representing the 4th New Jersey Regiment, with a score of 545 points, against twenty other teams.

The Soldier of Marathon Trophy and Interstate Military Championship, which go together, were won for the second consecutive time by the militiamen of New Jersey, with 1,074 points (8 more than they made in 1901), against, in the finals, teams from New York and District of Columbia.

The Tyros' match contest between fifteen teams of three, none of whom had been on victorious teams, each firing 5 shots at 200 and 500 yards, was won by Company C, 4th New Jersey, with 134 points.

The Skirmish team match, at silhouette targets, at 100, 200, 300, 400, and 500 yards, each squad containing six sharpshooters, and each man firing fifteen shots, was won by the team of Washington, D. C., over eight other teams, with 280 points.

The Leech Cup at 800, 900, and 1,000 yards, was won by Ordnance Sergt. F. Leushner, of the 74th New York Regiment, with 59 points, over forty-one competitors.

The Interclub match, or the team championship, 10 shots at 200 yards range, Standard American target, was won by the Cottage Rifle and Revolver Association, with a score of 342, over ten other competing teams.

The Individual Military championship, or President's match, was won over 44 competitors by George H. Cooke, of the 1st District of Columbia, by 189 out of a possible 210. Seven shots at 200, 300, 500, 600, 800, and 1,000 yards.

## AMERICAN REVOLVER AND PISTOL CHAMPIONSHIPS FOR 1902.

The Pistol Championship of America was won in the championship tournament of the United States Revolver Association in the Theatre of the Knickerbocker Club, of New York, with the following scores:

|                           |    |    |    |    |    |    |    |    |    |    |   |     |
|---------------------------|----|----|----|----|----|----|----|----|----|----|---|-----|
| Dr. R. H. Sayre.....      | 46 | 42 | 44 | 41 | 44 | 43 | 46 | 47 | 49 | 46 | — | 448 |
| J. A. Dietz, Jr.....      | 46 | 41 | 41 | 43 | 42 | 44 | 41 | 46 | 41 | 43 | — | 428 |
| A. L. A. Himmelwright.... | 38 | 40 | 48 | 39 | 39 | 29 | 43 | 44 | 41 | 47 | — | 408 |
| C. T. Bates.....          | 41 | 45 | 37 | 41 | 39 | 37 | 44 | 39 | 43 | 46 | — | 402 |

The Revolver Championship scores were:

|                           |    |    |    |    |    |    |    |    |    |    |   |     |
|---------------------------|----|----|----|----|----|----|----|----|----|----|---|-----|
| W. E. Petty.....          | 44 | 45 | 44 | 44 | 47 | 47 | 44 | 38 | 42 | 44 | — | 439 |
| Dr. R. H. Sayre.....      | 47 | 38 | 44 | 41 | 47 | 45 | 48 | 42 | 41 | 43 | — | 436 |
| A. L. A. Himmelwright.... | 40 | 43 | 41 | 41 | 44 | 45 | 44 | 40 | 45 | 45 | — | 428 |
| Dr. W. H. Luckett.....    | 46 | 47 | 39 | 43 | 41 | 48 | 37 | 44 | 40 | 35 | — | 424 |
| H. M. Pope.....           | 44 | 37 | 36 | 39 | 40 | 46 | 38 | 36 | 43 | 47 | — | 406 |
| J. A. Dietz, Jr.....      | 43 | 41 | 36 | 39 | 34 | 42 | 45 | 43 | 41 | 35 | — | 399 |

The Revolver Team Match was won by Battery A, Light Artillery of Massachusetts, over six other teams at targets 25, 50, and 75 yards, with a score of 540, at Seabright, at the National Championship meet September 1.

In the Zeithor Rifle Club tournament (March 11), Dr. W. C. Hudson made a new world's record by a score of 2,456 out of a possible 2,500 points. The previous figures were 2,451.

Rowing.

INTERNATIONAL RACES.

- 1869, August 27. Oxford (Eng.) four beat Harvard (Am.) four over the Putney-Mortlake course on the Thames by three clear lengths. Time, 22.20 4-5.
- 1876, August 28, 29. In the United States Open Amateur Four-Oared Races at the Centennial Regatta on the Schuylkill River, Philadelphia, three foreign crews entered, viz.: Dublin University, First Trinity, Cambridge (Eng.), and the London Rowing Club (Eng.). Dublin University was defeated in the first heat by the Eurekas, of Newark. London R. C. won the sixth heat over Northwestern. First Trinity won the seventh heat over Oneida. In the ninth heat the Watkins Club won in 9.01 $\frac{1}{4}$  over the First Trinity, Mr. Close, its stroke, having collapsed from sickness. In the tenth heat London R. C. won over Yale. In the final, the eleventh heat, Beaverwyck won by 18 inches over the London R. C. Time, Beaverwyck, 9.06; London R. C., 9.06 $\frac{1}{2}$ ; Watkins, 9.16. Course, 1 $\frac{1}{2}$  miles straightaway with a slight current.
- 1876, September 1. Over the same course, First Trinity, Cambridge (Eng.), entered against Yale and Columbia in the Intercollegiate Fours. First Trinity got entangled in the weeds on a shallow at the half mile, and was so long picking itself out that the race was virtually over. Yale won in 9.10 $\frac{1}{4}$  over Columbia 9.21.
- 1878, July 4. At the Henley-on-Thames Royal Regatta, one mile and five-sixteenths, against a slight current, four-oared crews of Columbia (Am.) and Dublin (Ire.) were beaten in the first trial heat for the Stewards' Cup.
- 1878, July 4, 5. At the same regatta Columbia won the Visitors' Challenge Interuniversity race in 8.42, beating Univ. College, Oxford; Jesus College, Cambridge, and Hertford College, Oxford.
- 1881, July 2. At Henley-on-Thames (Eng.), one mile and five-sixteenths, against a slight current, match between four-oared crews of Hertford College, Oxford University (Eng.), and Cornell Univ. (Am.), Hertford won easily. Cornell running into the bank when behind, near the finish.
- 1895, July 9, 10. Henley-on-Thames Royal Regatta, one mile and five-sixteenths, against a slight current, race for the Grand Challenge Cup in eight-oared shells. In the first round Cornell University (Am.) rowed over alone, Leander Rowing Club failing to start. In the second round Trinity Hall, Cambridge University (Eng.), beat Cornell by seven lengths in 7.15.
- 1896, July 7. Henley-on-Thames Royal Regatta, one mile and five-sixteenths, against a slight current, eight-oared shells, for the Grand Challenge Cup. Yale University (Am.) was beaten by Leander Rowing Club (Eng.) in first round of trial heats.
- 1897, July 16. Henley-on-Thames Royal Regatta, one mile and five-sixteenths straightaway, for "Diamond Sculls." Won by E. H. Ten Eyck (Am.), Worcester, Mass., who beat H. T. Blackstaffe (Eng.) in final heat. Time, 8.35.
- 1898, July 7. Henley-on-Thames Royal Regatta, one mile and five-sixteenths straightaway, for "Diamond Sculls." Won by B. H. Howell (Am.), of Albany, N. Y., who beat H. T. Blackstaffe (Eng.) in final heat. Time, 8.29; the best time on record for the course.
- 1901, July 3-5. Henley-on-Thames Royal Regatta, one mile and five-sixteenths, eight-oared shells, for the Grand Challenge Cup. In the first round University of Pennsylvania (Am.) crew beat London Rowing Club crew by three lengths in 7.01 2-5. In the second round University of Pennsylvania beat Thames Rowing Club crew by three lengths in 7.22. In the final round Leander Rowing Club crew beat University of Pennsylvania by one length in 7.04 4-5.
- 1901, July 13. At Lake of Killarney, Ireland, in a special match race of three miles, the University of Pennsylvania (Am.) crew beat the Trinity College (Dublin) crew by thirty lengths in 16.19 4-5.
- 1902, July 5. C. S. Titus, Union B. C., New York, entered for the "Diamond Sculls" at Henley. He beat Louis F. Scholes, of the Don R. C., Toronto, Canada, in the first heat one and one-half lengths in 8.33, but was defeated in the eighth heat by F. S. Kelley, of Balliol College, Oxford, easily in 8.39. The Argonauts, of Toronto, beat University College, Oxford, in the second heat of the Grand Challenge Cup two and one-half lengths in 7.25, but were beaten in the fifth heat by Third Trinity, Cambridge, in 7.11.

HARVARD VS. YALE—UNIVERSITY EIGHTS.

| DATE.             | Course.                | Distance.      | Winner.    | Time.               | Loser.      | Time.               |
|-------------------|------------------------|----------------|------------|---------------------|-------------|---------------------|
| June 30, 1876...  | Springfield, Mass. ... | Four miles.... | Yale ..... | 22.02               | Harvard.... | 22.33               |
| June 30, 1877.... | Springfield, Mass. ... | Four miles.... | Harvard... | 24.36               | Yale .....  | 24.44               |
| June 28, 1878.... | New London, Ct. ....   | Four miles.... | Harvard... | 20.44 $\frac{3}{4}$ | Yale .....  | 21.29               |
| June 27, 1879.... | New London, Ct. ....   | Four miles.... | Harvard... | 22.15               | Yale .....  | 23.58               |
| July 1, 1880....  | New London, Ct. ....   | Four miles.... | Yale ..... | 24.27               | Harvard...  | 25.09               |
| July 1, 1881....  | New London, Ct. ....   | Four miles.... | Yale ..... | 22.13               | Harvard...  | 22.19               |
| June 30, 1882.... | New London, Ct. ....   | Four miles.... | Harvard... | 20.47               | Yale .....  | 20.50 $\frac{1}{2}$ |
| June 28, 1883.... | New London, Ct. ....   | Four miles.... | Harvard... | 24.26               | Yale .....  | 25.59               |
| June 26, 1884.... | New London, Ct. ....   | Four miles.... | Yale ..... | 20.31               | Harvard...  | 20.46               |
| June 26, 1885.... | New London, Ct. ....   | Four miles.... | Harvard... | 25.15 $\frac{1}{2}$ | Yale .....  | 26.30               |
| July 2, 1886....  | New London, Ct. ....   | Four miles.... | Yale ..... | 20.41 $\frac{1}{4}$ | Harvard...  | 21.05 $\frac{1}{4}$ |
| July 1, 1887....  | New London, Ct. ....   | Four miles.... | Yale ..... | 22.56               | Harvard...  | 23.10 $\frac{1}{2}$ |
| June 29, 1888.... | New London, Ct. ....   | Four miles.... | Yale ..... | 20.10               | Harvard...  | 21.24               |
| June 29, 1889.... | New London, Ct. ....   | Four miles.... | Yale ..... | 21.30               | Harvard...  | 21.55               |
| June 27, 1890.... | New London, Ct. ....   | Four miles.... | Yale ..... | 21.29               | Harvard...  | 21.40               |
| June 26, 1891.... | New London, Ct. ....   | Four miles.... | Harvard... | 21.23               | Yale .....  | 21.57               |
| July 1, 1892....  | New London, Ct. ....   | Four miles.... | Yale ..... | 20.48               | Harvard...  | 21.42 $\frac{1}{2}$ |
| June 30, 1893.... | New London, Ct. ....   | Four miles.... | Yale ..... | 25.01 $\frac{1}{2}$ | Harvard...  | 25.13 $\frac{1}{2}$ |
| June 28, 1894.... | New London, Ct. ....   | Four miles.... | Yale ..... | 22.47               | Harvard...  | 24.40               |
| June 28, 1895.... | New London, Ct. ....   | Four miles.... | Yale ..... | 21.30               | Harvard...  | 22.05               |
| June 29, 1899.... | New London, Ct. ....   | Four miles.... | Harvard... | 20.52 $\frac{1}{2}$ | Yale .....  | 21.13               |
| June 28, 1900.... | New London, Ct. ....   | Four miles.... | Yale ..... | 21.12 4-5           | Harvard...  | 21.37 2-5           |
| June 27, 1901.... | New London, Ct. ....   | Four miles.... | Yale ..... | 23.37               | Harvard...  | 23.45               |
| June 26, 1902.... | New London, Ct. ....   | Four miles.... | Yale ..... | 20.20               | Harvard...  | 20.30               |

## ROWING—Continued.

## HARVARD VS. YALE—PREVIOUS RACES.

Races were contested in 1864, and in subsequent years, by University six-oared crews, at three miles with a turn, with the following results:

| DATE.              | Course.                | Winner.     | Time.  | Loser.      | Time.  |
|--------------------|------------------------|-------------|--------|-------------|--------|
| July 29, 1864..... | Lake Quinsigamond..... | Yale.....   | 19.01  | Harvard.... | 19.43½ |
| July 28, 1865..... | Lake Quinsigamond..... | Yale.....   | 17.42½ | Harvard.... | 18.09  |
| July 27, 1866..... | Lake Quinsigamond..... | Harvard.... | 18.43  | Yale.....   | 19.10  |
| July 19, 1867..... | Lake Quinsigamond..... | Harvard.... | 18.13  | Yale.....   | 19.25½ |
| July 24, 1868..... | Lake Quinsigamond..... | Harvard.... | 17.48½ | Yale.....   | 18.38½ |
| July 23, 1869..... | Lake Quinsigamond..... | Harvard.... | 18.02  | Yale.....   | 18.11  |
| July 22, 1870..... | Lake Saltonstall.....  | Harvard.... | (Foul) | Yale.....   | Disq.  |

In 1871 were begun the interuniversity races, in which Harvard and Yale were contestants:

|                |                                                                                                                                                                                                                                                     |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1871, July 21. | At Springfield, three miles straight, Massachusetts Agricultural, 16.46½; Harvard, 17.23½; Brown, 17.47½.                                                                                                                                           |
| 1872, July 24. | At Springfield, same course, Amherst, 16.33; Harvard, 16.57; Amherst Agricultural, 17.10; Bowdoin, 17.31; Williams, 17.59; Yale, 18.13.                                                                                                             |
| 1873, July 17. | At Springfield, same course, Yale, 16.59; Wesleyan, 17.09; Harvard, 17.36½; Amherst, 17.40; Dartmouth, 18.07; Columbia, 18.16; Massachusetts Agricultural, 18.36½; Cornell, 18.32; Bowdoin, 18.49½; Trinity, 19.32; Williams, 19.45.                |
| 1874, July 18. | At Saratoga, N. Y., three miles straight, Columbia, 16.42; Wesleyan, 16.50; Harvard, 16.54; Williams, 17.08; Cornell, 17.31; Dartmouth, 18.00; Trinity, 18.23; Princeton, 18.38; Yale fouled and was withdrawn.                                     |
| 1875, July 14. | At Saratoga, N. Y., Cornell, 16.53½; Columbia, 17.04½; Harvard, 17.05; Dartmouth, 17.10½; Wesleyan, 17.13½; Yale, 17.14½; Amherst, 17.29½; Brown, 17.33½; Williams, 17.43½; Bowdoin, 17.50½; Hamilton and Union not timed; Princeton was withdrawn. |
| 1876, July 19. | At Saratoga, N. Y., Cornell, 17.01½; Harvard, 17.05½; Columbia, 17.08½; Union, 17.27½; Wesleyan, 17.58½; Princeton, 18.10. Yale refused to enter, but rowed Harvard an eight-oared race.                                                            |

## INTERCOLLEGIATE FRESHMEN RACES.

Commencing in 1880 eight-oared races were rowed annually at two miles straightaway, as follows:

| DATE.              | Course.                           | Winner.                                | Time.                                                                                      | Loser.            | Time. |
|--------------------|-----------------------------------|----------------------------------------|--------------------------------------------------------------------------------------------|-------------------|-------|
| July 7, 1880.....  | New London, Ct.....               | Harvard....                            | 11.32                                                                                      | Columbia... 11.37 |       |
| June 30, 1881..... | Back Bay, Boston.....             | Harvard....                            | 9.05¼                                                                                      | Columbia... 9.21¾ |       |
| July 1, 1882.....  | Harlem River, N. Y.....           | Columbia... 10.56                      | Harvard.... 11.10                                                                          |                   |       |
| June 27, 1883..... | New London, Ct.....               | Harvard.... 11.03                      | Columbia... 11.22                                                                          |                   |       |
| June 26, 1884..... | New London, Ct.....               | Columbia... 9.43½                      | Harvard.... 9.54                                                                           |                   |       |
| June 25, 1885..... | New London, Ct.....               | Harvard.... 12.22                      | Columbia... 13.12                                                                          |                   |       |
| July 1, 1886.....  | New London, Ct.....               | Harvard.... 11.53                      | Columbia... 12.10                                                                          |                   |       |
| June 30, 1887..... | New London, Ct.....               | Columbia... 11.13¾                     | Harvard.... 11.35                                                                          |                   |       |
| June 28, 1888..... | New London, Ct.....               | Columbia... 11.54                      | Harvard.... 12.08                                                                          |                   |       |
| June 27, 1889..... | New London, Ct.....               | Harvard.... 12.21                      | Columbia... 12.28                                                                          |                   |       |
| June 24, 1890..... | New London, Ct.....               | Cornell..... 11.06¼                    | { Yale..... 11.25<br>Columbia... 11.29                                                     |                   |       |
| June 27, 1890..... | New London, Ct.....               | Columbia... 10.54                      | Harvard.... 10.57                                                                          |                   |       |
| June 24, 1891..... | New London, Ct.....               | Columbia... 9.41                       | { Yale..... 9.53½<br>Harvard.... 9.56                                                      |                   |       |
| June 9, 1892.....  | Ithaca, N. Y.....                 | Cornell..... 10.56                     | Columbia... 11.24                                                                          |                   |       |
| July 1, 1892.....  | New London, Ct.....               | Yale..... 12.03½                       | { Columbia... 12.20<br>Harvard.... 12.28                                                   |                   |       |
| June 28, 1893..... | New London, Ct.....               | Yale..... 10.23                        | { Harvard.... 10.47<br>Columbia... 11.02                                                   |                   |       |
| June 28, 1894..... | New London, Ct.....               | Yale..... 11.15                        | { Columbia... 11.24<br>Harvard.... 11.56                                                   |                   |       |
| June 27, 1895..... | New London, Ct.....               | Yale..... 10.28                        | { Harvard.... 10.33<br>Columbia... 11.18½                                                  |                   |       |
| June 25, 1896..... | Poughkeepsie, N. Y.....           | Cornell..... 10.18                     | { Harvard.... 10.22<br>U. of P.... 10.26½<br>Columbia... 10.51                             |                   |       |
| June 23, 1897..... | Poughkeepsie, N. Y.....           | Yale..... 9.19½                        | { Harvard.... 9.26½<br>Cornell... 9.29½                                                    |                   |       |
| June 30, 1897..... | Poughkeepsie, N. Y.....           | Cornell..... 9.21 1-5                  | { Columbia... 9.22 3-5<br>U. of P.... 9.23 1-5                                             |                   |       |
| June 23, 1898..... | New London, Ct.....               | Yale..... 11.22 3-5                    | { Harvard.... 11.23 1-5<br>Cornell... 11.26½                                               |                   |       |
| July 2, 1898.....  | Saratoga Lake, N. Y.....          | Cornell..... 10.57 3-5                 | { Columbia... 11.12<br>U. of P.... 11.13                                                   |                   |       |
| June 26, 1899..... | Poughkeepsie, N. Y.....           | Cornell..... 9.55                      | { Columbia... 10.00<br>U. of P.... 10.10                                                   |                   |       |
| June 29, 1899..... | New London, Ct.....               | Harvard.... 9.33½                      | Yale..... 9.40½                                                                            |                   |       |
| June 28, 1900..... | New London, Ct.....               | Harvard.... 12.01                      | Yale..... 12.19 2-5                                                                        |                   |       |
| June 30, 1900..... | Poughkeepsie, N. Y.....           | U. of Wis... 9.45 2-5                  | { U. of P.... 9.54 3-5<br>Cornell... 9.55 1-5<br>Columbia... 10.08                         |                   |       |
| May 18, 1901.....  | New Haven, Ct. (1 1-6 miles)..... | Yale..... 6.14                         | Columbia... 6.19                                                                           |                   |       |
| June 27, 1901..... | New London, Ct.....               | Yale..... 10.27 4-5                    | Harvard.... 10.48                                                                          |                   |       |
| July 2, 1901.....  | Poughkeepsie, N. Y.....           | U. of Pa.... 10.20 1-5                 | { Cornell... 10.25 1-5<br>Columbia... 10.36 1-5<br>Syracuse... 10.44 2-5<br>Wisconsin 9.42 |                   |       |
| June 21, 1902..... | Poughkeepsie, N. Y.....           | Cornell..... 9.39 4-5                  | { Columbia... 9.49<br>Syracuse... 9.50<br>U. of P.... 10.05                                |                   |       |
| June 26, 1902..... | New London, Ct.....               | { Yale..... 10.13<br>Harvard.... 10.13 | { Dead heat.                                                                               |                   |       |

\*Yale sank at half-way.

ROWING—Continued.

INTERCOLLEGIATE ROWING ASSOCIATION.

In 1883 and afterward a race for fours was rowed at a mile and a half straight, under the auspices of the Intercollegiate Rowing Association:  
 1883, July 4. At Lake George, N. Y., Cornell, 11.57; University of Pennsylvania, 12.29; Princeton, 12.40; Wesleyan, 12.47.  
 1884, July 7. At Saratoga, N. Y., University of Pennsylvania, 8.39½; Cornell, 8.41; Princeton, 8.49; Columbia, 9.25, and Bowdoin, not timed.  
 1885, July 4. At Lake Quinsigamond (Worcester), Mass., Cornell finished first in 9.10½, followed by Brown, Bowdoin, and University of Pennsylvania. Referee decided Cornell disqualified for a foul, ordered Brown and Bowdoin to row over, and placed University of Pennsylvania third.  
 1886, July 3. At Lake George, N. Y., Bowdoin, 8.26; Brown, second.  
 1887, July 5. At Lake Quinsigamond, Cornell defeated Bowdoin by 2 feet, in 9.28¾.  
 1½ lengths.

SUBSEQUENT INTERCOLLEGIATE RACES.

| DATE.              | Course.                  | Distance. | Winner.       | Time.     | Losers.                                                                            | Won by. Lengths or Time.                                         |
|--------------------|--------------------------|-----------|---------------|-----------|------------------------------------------------------------------------------------|------------------------------------------------------------------|
| June 27, 1889..... | New London, Ct.....      | 3 miles.. | Cornell ..... | *         | { Columbia..... }<br>{ U. of Pa..... }                                             | { Won }<br>{ easily. }                                           |
| June 26, 1890..... | New London, Ct.....      | 3 miles.. | Cornell ..... | 14.43     | U. of Pa.....                                                                      | 6 lengths.                                                       |
| June 25, 1891..... | New London, Ct.....      | 3 miles.. | Cornell ..... | 14.27½    | { U. of Pa..... }<br>{ Columbia..... }                                             | { 6 lengths. }<br>{ 13 lengths }                                 |
| June 15, 1892..... | Ithaca, N. Y.....        | 3 miles.. | Cornell ..... | 17.26     | U. of Pa.....                                                                      | 6 lengths.                                                       |
| July 8, 1893.....  | Lake Minnetonka, Minn.   | 4 miles.. | Cornell ..... | 23.52     | U. of Pa.....                                                                      |                                                                  |
| June 16, 1894..... | Delaware River, Md.      | 4 miles.. | Cornell ..... | 21.12½    | U. of Pa.....                                                                      | 2½ lengths.                                                      |
| June 24, 1895..... | Poughkeepsie, N. Y.....  | 4 miles.. | Columbia..... | 21.25     | Cornell .....                                                                      | 6 lengths.                                                       |
| June 26, 1896..... | Poughkeepsie, N. Y.....  | 4 miles.. | Cornell ..... | 19.59     | { Harvard..... }<br>{ U. of Pa..... }<br>{ Columbia..... }                         | { 20.08 }<br>{ 20.18 }<br>{ 21.25 }                              |
| July 2, 1897.....  | Poughkeepsie, N. Y.....  | 4 miles.. | Cornell ..... | 20.47 4 5 | { Columbia..... }<br>{ U. of Pa..... }<br>{ Cornell..... }                         | { 21.20 2-5 }<br>{ swamped. }<br>{ 16.0½ }                       |
| July 2, 1898.....  | Saratoga Lake, N. Y..... | 3 miles.. | U. of Pa..... | 15.51½    | { U. of Wis..... }<br>{ Columbia..... }                                            | { 16.10 }<br>{ 16.21 }                                           |
| June 27, 1899..... | Poughkeepsie, N. Y.....  | 4 miles.. | U. of Pa..... | 20.04     | { U. of Wis..... }<br>{ Cornell..... }<br>{ Columbia..... }                        | { 20.05½ }<br>{ 20.13 }<br>{ 20.20 }                             |
| June 30, 1900..... | Poughkeepsie, N. Y.....  | 4 miles.. | U. of Pa..... | 19.44 3 5 | { U. of Wis..... }<br>{ Cornell..... }<br>{ Columbia..... }<br>{ George't'n..... } | { 19.46 2-5 }<br>{ 20.04 1-5 }<br>{ 20.08 1-5 }<br>{ 20.19 1-5 } |
| May 30, 1901.....  | Ithaca, N. Y.....        | 2 miles.. | Cornell ..... | 10.52     | { Columbia..... }<br>{ U. of Pa..... }                                             | { 11.02 }<br>{ 11.08½ }                                          |
| July 2, 1901.....  | Poughkeepsie, N. Y.....  | 4 miles.. | Cornell ..... | 18.53 1 5 | { Columbia..... }<br>{ U. of Wis..... }<br>{ U. of Wis..... }<br>{ Columbia..... } | { 18.58 }<br>{ 19.06 4-5 }<br>{ 19.13 3-5 }<br>{ 19.18 }         |
| June 21, 1902..... | Poughkeepsie, N. Y.....  | 4 miles.. | Cornell.....  | 19.05 3-5 | { U. of Pa..... }<br>{ Columbia..... }<br>{ Syracuse..... }<br>{ George't'n..... } | { 19.26 }<br>{ 19.31 }<br>{ 19.32 }                              |

\* Times not accurately taken on account of darkness; said to be Cornell, 15.03; Columbia, 16.04.  
 In 1897 (May 29), Yale rowed a match race against University of Wisconsin, on Lake Saltonstall, Ct., two miles in still water. The result: Yale, 10.54; University of Wisconsin, 11.04.  
 In 1-97 (June 25), there was also a triangular race at Poughkeepsie, N. Y., four miles, which resulted as follows: Cornell, 20.34; Yale, 20.44; Harvard, 21.00.  
 In 18-8 (June 23), another triangular race was rowed at New London, Ct., four miles, which resulted as follows: Cornell, 23.48; Yale, 24.02; Harvard, 24.35.

OTHER IMPORTANT RACES OF 1902.

April 28. University of Pennsylvania won over Annapolis first crew on the Severn, two-mile course, in 10.31½.  
 May 30. University of Pennsylvania won the Junior Varsity race over the national course on the Schuylkill, 1½ miles straightaway, easily in 8.48, defeating Columbia and Cornell.  
 May 30. The junior crew of Cornell won over a two-mile course on Lake Cayuga, Ithaca, in 10.48; Syracuse second, 11.01; Newell (Harvard) third, 11.11.  
 May 30. At the Harlem Regatta Association races over the Speedway Course on the Harlem River, New York City:  
 Junior Single Sculls—A. J. Fraser, Columbia University. Time, 6.37.  
 Junior Double Sculls—Staten Island Boat Club. Time, 6.27.  
 Junior Eight-Oared Shells—New York Athletic Club. Time, 4.36½.  
 Intermediate Double Shells—Atlantic Boat Club. Rowed over.  
 Association Single Sculls—Louis F. Scholes, Don R. C., Toronto.  
 Double Pair-Oared Shells—Harlem Rowing Club.  
 Senior Single Shells—Louis F. Scholes, Don R. C., Toronto.  
 Intermediate Single Sculls—David A. Clany, Nassau B. C. Time, 6.32½.  
 Senior Four-Oared Shells—Vesper Boat Club. Time, 4.55.  
 Intermediate Four-Oared Gigs—First Bohemian Boat Club. Time, 5.10¼.  
 Senior Eight-Oared Shells—Harlem Rowing Club. Time, 4.22.  
 June 21. University of Cornell Varsity four won over the Poughkeepsie course in 10.43; University of Pennsylvania second, 10.54 4-5; University of Columbia third, 11.08.  
 June 26. Harvard Varsity four won over the New London course in 11.19½, defeating Yale, 11.25½.

## ROWING—Continued.

August 8, 9. The Thirtieth National Championship Regatta of the National Association of Amateur Oarsmen was held on Lake Quinsigamond, Worcester, Mass. ;  
 Intermediate Single Sculls—Henry W. Crowley, Wachusets B. C. Time, 10.20 $\frac{1}{4}$ .  
 Association Single Sculls—James P. Juvenal, Vesper B. C., Philadelphia. Time, 10.02.  
 Championship Senior Single Sculls—C. S. Titus, Union B. C., New York. Time, 9.59 $\frac{3}{4}$ .  
 Intermediate Double Sculls—Boston Athletic Club. Time, 9.38 $\frac{1}{4}$ .  
 Senior Double Sculls—First Bohemian B. C., New York. Time, 9.34.  
 Intermediate Pair Shells—Harlem Rowing Club, New York. Time, 10.31.  
 Senior Pair Shells—Vesper B. C. Time, 11.02.  
 Intermediate Fours, Shells—Ariel B. C., Philadelphia. Time, 9.20 $\frac{1}{4}$ .  
 Senior Fours, Shells—Winnipeg B. C., Canada. Time, 8.55 $\frac{1}{4}$ .  
 Intermediate Eights, Shells—Pennsylvania Barge Club. Time, 7.37 $\frac{1}{4}$ .  
 Senior Eights, Shells—Vesper B. C. Time, 7.57 $\frac{1}{4}$ .

September 1. At the Regatta of the Middle States on the Harlem Speedway course, the principal event was the victory of Frank Veseley, of the First Bohemian B. C., in the senior single shell race, over Louis F. Scholes, of the Don R. C., Toronto, in 5.38 $\frac{3}{4}$  by six lengths. Scholes had defeated Titus in the Harlem Regatta in May, and had been defeated by Titus at Henley in the Diamond Sculls contest in July.

## The Oxford-Cambridge Boat Races.

THE first of these races was in 1829 over the present Henley course on the upper Thames. There were no more interuniversity contests until 1836. From that year till 1842 the races were rowed from Westminster Bridge, in London, up the river to Putney. Then there were two blank years, 1843-44. In 1845 the course from Putney Bridge to Mortlake was chosen, and is still retained. Since 1856 these races have been continuous, and in the whole series Oxford has won 33, Cambridge 25. The Putney-Mortlake course is 4 $\frac{1}{4}$  miles on a tidal river; but the race is so timed that it is always as near "dead water" during it, as can be.

| YEAR. | Date.    | Winner.   | Course.            | Time. |        | Won by.                  |
|-------|----------|-----------|--------------------|-------|--------|--------------------------|
|       |          |           |                    | M.    | S.     |                          |
| 1876  | April 8  | Cambridge | Putney to Mortlake | 20    | 20     | Won easily.              |
| 1877  | March 24 | Oxford    | Putney to Mortlake | 24    | 8*     | Dead heat.               |
| 1878  | April 13 | Oxford    | Putney to Mortlake | 22    | 13     | 10 lengths.              |
| 1879  | April 5  | Cambridge | Putney to Mortlake | 21    | 18     | 3 $\frac{1}{2}$ lengths. |
| 1880  | March 22 | Oxford    | Putney to Mortlake | 21    | 23     | 3 $\frac{3}{4}$ lengths. |
| 1881  | April 8  | Oxford    | Putney to Mortlake | 21    | 51     | 3 lengths.               |
| 1882  | April 1  | Oxford    | Putney to Mortlake | 20    | 12     | 7 lengths.               |
| 1883  | March 15 | Oxford    | Putney to Mortlake | 21    | 18     | 3 $\frac{1}{2}$ lengths. |
| 1884  | April 7  | Cambridge | Putney to Mortlake | 21    | 39     | 2 $\frac{1}{4}$ lengths. |
| 1885  | March 28 | Oxford    | Putney to Mortlake | 21    | 36     | 3 lengths.               |
| 1886  | April 3  | Cambridge | Putney to Mortlake | 22    | 29     | $\frac{1}{2}$ length.    |
| 1887  | March 26 | Cambridge | Putney to Mortlake | 20    | 52†    | 2 $\frac{1}{2}$ lengths. |
| 1888  | March 24 | Cambridge | Putney to Mortlake | 20    | 48     | 6 lengths.               |
| 1889  | March 30 | Cambridge | Putney to Mortlake | 20    | 14     | 2 $\frac{1}{2}$ lengths. |
| 1890  | March 20 | Oxford    | Putney to Mortlake | 22    | 3      | 1 length.                |
| 1891  | March 21 | Oxford    | Putney to Mortlake | 22    | 0      | $\frac{1}{4}$ length.    |
| 1892  | April 9  | Oxford    | Putney to Mortlake | 19    | 21     | 2 $\frac{1}{4}$ lengths. |
| 1893  | March 22 | Oxford    | Putney to Mortlake | 18    | 47     | 2 $\frac{1}{2}$ lengths. |
| 1894  | March 17 | Oxford    | Putney to Mortlake | 21    | 38     | 3 $\frac{1}{2}$ lengths. |
| 1895  | March 29 | Oxford    | Putney to Mortlake | 20    | 50     | 1 $\frac{1}{2}$ lengths. |
| 1896  | March 28 | Oxford    | Putney to Mortlake | 20    | 1      | $\frac{1}{2}$ length.    |
| 1897  | April 3  | Oxford    | Putney to Mortlake | 19    | 11 4-5 | 2 $\frac{1}{2}$ lengths. |
| 1898  | March 26 | Oxford    | Putney to Mortlake | 22    | 15     | 12 lengths.              |
| 1899  | March 25 | Cambridge | Putney to Mortlake | 21    | 4      | 3 $\frac{1}{2}$ lengths. |
| 1900  | March 31 | Cambridge | Putney to Mortlake | 18    | 47     | Won easily.              |
| 1901  | March 30 | Oxford    | Putney to Mortlake | 22    | 51     | 2-5 length.              |
| 1902  | March 23 | Cambridge | Putney to Mortlake | 19    | 9      | Won easily               |

\* In 1877 the Oxford bow damaged his oar. † In 1887 Oxford No. 7 broke his oar.

## Fencing.

THE progress of fencing was marked in 1902 by, among other events, the re-establishment of the American Intercollegiate Fencing Association of Harvard, Yale, West Point, University of Pennsylvania, Naval Academy, Cornell, and Columbia.

The contests were numerous, the most important being the National Fencing Championships, in which the Duelling Sword Championship was won by Charles Tatham with 5 victories to 1 defeat; Fitzhugh Townsend second, 5 victories, 2 defeats; Wood third, 4 victories, 3 defeats.

The Sabre Championship by A. V. Z. Post; second, A. C. Bothner; third, J. L. Erving.

The Intercollegiate Championship of teams of three resulted in the following percentages: West Point, .741; Annapolis, .629; Columbia, .646; Cornell, .593; Harvard, .482; Yale, .288; University of Pennsylvania, .149.

In the Junior competition for foils Davis, of Cornell, won the gold medal; Cabot, of Boston A. C., the silver medal; Queneau, of Columbia, the bronze medal.

For the Newbold Morris Championship Columbia defeated Yale in the finals 5 bouts to 4.

The following matches took place during the season: Cornell beat Pennsylvania 8 bouts to 1; Harvard beat Yale 5 bouts to 4; Cornell beat Columbia 7 bouts to 2; Columbia beat Yale 5 bouts to 4; Yale beat Fencers' Club, of New York, 7 bouts to 2; Fencers' Club beat Naval Academy 9 bouts to 7.

A team of Annapolis girls defeated a women's team from the Fencers' Club, of New York, March 4.

The Fencers' Club Cup was won by the Fencers' Club, of New York, in a contest of three teams of three each, *i. e.*, one with sabre, one with foil, and one with duelling sword: Fencers' Club, 5 bouts; New York A. C., 3 bouts; Boston A. C., 1 bout.



## Bowling.

### BEST SCORES ON RECORD.

HIGHEST authenticated individual score in tournament match, 300, by W. B. Sellers, Brooklyn, 1890; G. Wadleigh, Jersey City, 1891; Louis F. Ulrich, Chicago, January 6, 1899; C. K. Starr, New York, 1900; Max Brum, Louisville, 1901; Oscar Hammer, Brooklyn, 1902; W. P. Mackey, Chicago, 1902, and Ben. Stell, Chicago, 1902.

Highest authenticated team (5 men) score in tournament game, 1,103, by Empire team, of New York, 1900.

Best average for two consecutive tournament games by team of 5 men, 1,029 (1,006 and 1,052), by Palace team, of Columbus, O., 1901.

Best average for three consecutive tournament games by team of 5 men, 1,017 (1,051, 994, and 1,006), by Tosetti team, of Chicago, 1901.

### METROPOLITAN TEAM CHAMPIONSHIP, 1902.\*

|                     | Won. | Lost. | High Score. |                 | Won. | Lost. | High Score. |
|---------------------|------|-------|-------------|-----------------|------|-------|-------------|
| Fidelia.....        | 39   | 15    | 1,027       | Lotus.....      | 16   | 23    | 943         |
| Roseville A. A..... | 38   | 16    | 1,055       | Prosperity..... | 16   | 32    | 1,040       |
| Palace.....         | 36   | 18    | 1,012       | Monarch.....    | 15   | 33    | 945         |
| Metropolitan.....   | 35   | 19    | 1,022       | Pin Knight..... | 15   | 36    | 957         |
| Manhattan.....      | 22   | 26    | 1,025       | Belvidere.....  | 14   | 28    | 938         |

\* Composed of the winning teams in the leading tournaments of the Metropolitan district.

### GREATER NEW YORK INDIVIDUAL CHAMPIONSHIP, 1902.

| PLAYERS.       | SERIES. |       | Games Played. | High Score. | Average.  | PLAYERS.       | SERIES. |       | Games Played. | High Score. | Average.  |
|----------------|---------|-------|---------------|-------------|-----------|----------------|---------|-------|---------------|-------------|-----------|
|                | Won.    | Lost. |               |             |           |                | Won.    | Lost. |               |             |           |
| Shiman*.....   | 14      | 4     | 72            | 259         | 200 11-72 | Wyman.....     | 9       | 9     | 82            | 246         | 187 1-2   |
| Voorhels.....  | 14      | 4     | 69            | 244         | 197 19-69 | Diederick..... | 9       | 9     | 68            | 233         | 186 10-17 |
| Arnold.....    | 13      | 5     | 74            | 244         | 194 5-74  | Gerdes.....    | 8       | 10    | 74            | 238         | 181 31-37 |
| Starr.....     | 12      | 6     | 71            | 234         | 193 9-71  | Buck.....      | 8       | 10    | 80            | 247         | 181 3-80  |
| Rothermel..... | 10      | 8     | 79            | 241         | 190 78-79 | Smith.....     | 7       | 11    | 78            | 233         | 181 18-39 |
| Beamt.....     | 10      | 8     | 70            | 233         | 186 26-35 | Arps.....      | 7       | 11    | 76            | 232         | 180 43-76 |
| Stein.....     | 10      | 8     | 69            | 247         | 183 19-33 | Westberg.....  | 6       | 12    | 74            | 231         | 184 63-74 |
| Roche.....     | 10      | 8     | 73            | 239         | 182 7-72  | Hanenfeld..... | 3       | 15    | 72            | 234         | 180 17-72 |
| Kahlsdorf..... | 9       | 9     | 83            | 249         | 189 63-83 | Ritter.....    | 3       | 15    | 76            | 243         | 176 27-76 |
| Koster.....    | 9       | 9     | 63            | 244         | 188 8-17  |                |         |       |               |             |           |

\* Won championship on play-off. † Won fifth place on play-off.

### AMERICAN BOWLING CONGRESS CHAMPIONSHIP EVENTS.

The second annual tournament of the American Bowling Congress was held in Buffalo, N. Y., January 20 to 24, 1902. Results:

Individual Championship—Won by Fred. Strong, of Chicago, total, 649 pins for three games; John Koster, of New York, second, score, 647; Joseph Berlin, of Chicago, third, score, 643.

Two-Men Team Championship—Won by McLain and Steers, of Chicago, with a total of 1,237 pins for three games; Dysinger and Steers, of Los Angeles, second, score, 1,220; Elwert and Funke, of Belleville, Ill., third, total, 1,169.

Five-Men Team Championship—Won by the Fidelia team, of New York, with a total of 2,792 pins for three games (947, 960, and 885); National team, of New York, second, score, 2,782; Rosedale team, of New York, third, score, 2,724. The champion team was composed of Schultz, Koster, Rothermel, Foege, and Amann.

## Roque Croquet.

THE twenty-first annual championship tournament of the National Roque Association was held at Norwich, Ct., August 18 to 25, 1902, with the largest number of entries in its history. The championship was won by Sackett L. Duryee, of Washington, D. C., who was champion in 1897. The details of the scores in the first two divisions follow:

| FIRST DIVISION.                          |    |    | SECOND DIVISION.                        |    |    |
|------------------------------------------|----|----|-----------------------------------------|----|----|
|                                          | W. | L. |                                         | W. | L. |
| S. L. Duryee, Washington, D. C.....      | 15 | 2  | W. Hogeland, Philadelphia.....          | 13 | 2  |
| W. H. Wahly, Washington, D. C.....       | 14 | 3  | Henry Duryee, Washington, D. C.....     | 13 | 3  |
| Paul N. Peck, Washington, D. C.....      | 13 | 4  | T. A. Harris, Philadelphia.....         | 12 | 4  |
| George C. Strong, New London.....        | 10 | 7  | H. B. Hickman, Wilmington.....          | 11 | 4  |
| Ch. Jacobus, Springfield, Mass.....      | 10 | 7  | I. J. Baker, Washington, D. C.....      | 10 | 5  |
| Frank Sisson, New London.....            | 9  | 4  | R. W. Messenger, Taunton.....           | 9  | 6  |
| C. G. Williams, Washington, D. C.....    | 10 | 6  | Capt. H. Wahly, Washington.....         | 8  | 7  |
| G. H. Botsford, New York.....            | 9  | 8  | Floyd Cranska, Moosup.....              | 7  | 8  |
| L. P. Bryant, Northampton, Mass.....     | 9  | 8  | F. C. Graves, Bridgeport.....           | 7  | 8  |
| G. C. Cox, Malden, Mass.....             | 9  | 8  | J. E. Webb, West Chester, Pa.....       | 7  | 8  |
| C. M. Bryant, Washington, D. C.....      | 7  | 10 | S. McC. Crosby, New York.....           | 6  | 9  |
| A. H. Fose, Norwich, Ct.....             | 7  | 9  | W. L. Robinson, Mansfield, Mass.....    | 6  | 9  |
| F. L. Williams, Washington, D. C.....    | 5  | 12 | E. W. Robinson, Mansfield.....          | 5  | 10 |
| H. F. Howard, Jr., Washington, D. C..... | 5  | 12 | J. H. McDonald, Chicago.....            | 3  | 12 |
| Chas. Greenslet, New Brunswick.....      | 5  | 12 | E. S. Barrett, Roslindale, Mass.....    | 2  | 13 |
| J. B. Bell, Wilmington, Del.....         | 4  | 10 | J. N. Davenport, Northampton, Mass..... | 1  | 14 |
| P. W. Coleman, Washington, D. C.....     | 4  | 13 |                                         |    |    |
| Frank Cranska, Norwich.....              | 3  | 11 |                                         |    |    |

There were 11 competitors in the 3d Division, at the head of whom H. Welsh, of West Chester, Pa., finished. S. L. Duryee retained the Van Winkle badge by winning four games out of five from G. C. Cox. PREVIOUS CHAMPIONS—1901, W. H. Wahly, Washington, D. C.; 1900, G. C. Williams, Washington, D. C.; 1899, G. C. Williams; 1898, W. H. Wahly; 1897, S. L. Duryee; 1896, E. C. Butler, Middletown, Ct.; 1895, G. C. Strong, New London, Ct.

## Skating.

## BEST AMATEUR PERFORMANCES ON RECORD.

| DISTANCE.           | Time.    | Record Holder.      | Date.         | DISTANCE.         | Time.       | Record Holder.     | Date.         |
|---------------------|----------|---------------------|---------------|-------------------|-------------|--------------------|---------------|
|                     | M. S.    |                     |               |                   | H. M. S.    |                    |               |
| 50 yards.....       | 6        | S. D. See .....     | Dec. 28, 1885 | 1 mile.....       | 2 41 1/2    | O. Rudd.....       | Feb. 14, 1896 |
| 75 yards.....       | 8 3-5    | C. B. Davidson..... | Dec. 28, 1885 | 2 miles.....      | 5 42 3-5    | O. Rudd.....       | Jan. 25, 1895 |
| 100 yards.....      | 9 4-5    | S. D. See .....     | Dec. 30, 1883 | 3 miles.....      | 8 48 2-5    | J. Nilssen.....    | Feb. 2, 1895  |
| 120 yards.....      | 11 2-5   | J. S. Johnson.....  | Mar. 1, 1893  | 5,000 metres..... | 9 25 2-5    | J. K. McCulloch..  | Feb. 10, 1897 |
| 150 yards.....      | 15 1/2   | J. S. Johnson.....  | Mar. 1, 1893  | 4 miles.....      | 12 00 1/2   | A. Nilssen.....    | Feb. 13, 1894 |
| 200 yards.....      | 17 2-5   | G. D. Phillips..... | Jan. 27, 1883 | 5 miles.....      | 14 24       | A. Schiebe.....    | Feb. 13, 1894 |
| 220 yards.....      | 20 1-5   | J. S. Johnson.....  | Feb. 26, 1893 | 10 miles.....     | 31 11 1-5   | O. Rudd.....       | Feb. 20, 1896 |
| 300 yards.....      | 31 2-5   | J. Nilssen.....     | Feb. 1, 1896  | 15 miles.....     | 49 17 3-5   | J. S. Johnson..... | Feb. 26, 1894 |
| 400 yards.....      | 39 1-5   | W. Caldwell.....    | Feb. 6, 1897  | 20 miles.....     | 1 06 36 2-5 | A. D. Smith.....   | Jan. 26, 1894 |
| 546.8 yards*..      | 46 4-5   | G. D. Phillips..... | Dec. 30, 1883 | 30 miles.....     | 1 53 20     | A. D. Smith.....   | Jan. 26, 1894 |
| 600 yards.....      | 55 1/2   | J. K. McCulloch..   | Jan. 27, 1896 | 40 miles.....     | 2 34 46     | J. F. Donoghue...  | Jan. 26, 1893 |
| 800 yards.....      | 1 20 2-5 | A. Naess.....       | Feb. 5, 1897  | 50 miles.....     | 3 15 59 2-5 | J. F. Donoghue...  | Jan. 26, 1893 |
| 1,093.61 yds.*      | 1 47     | O. Rudd.....        | Mar. 5, 1893  | 60 miles.....     | 4 07 00 3-5 | J. F. Donoghue...  | Jan. 26, 1893 |
| 1,320 yards... 2 13 |          | J. Nilssen.....     | Feb. 1, 1896  | 70 miles.....     | 4 55 15 3-5 | J. F. Donoghue...  | Jan. 26, 1893 |
| 1,640.42 yds.*      | 2 40 4-5 | J. K. McCulloch..   | Feb. 10, 1897 | 80 miles.....     | 5 41 55     | J. F. Donoghue...  | Jan. 26, 1893 |
|                     |          | J. S. Johnson.....  | Feb. 26, 1894 | 90 miles.....     | 6 25 57 3-5 | J. F. Donoghue...  | Jan. 26, 1893 |
|                     |          | J. K. McCulloch..   | Feb. 6, 1897  | 100 miles.....    | 7 11 38 1-5 | J. F. Donoghue...  | Jan. 26, 1893 |

\* Respectively 500, 1,000, and 1,500 metres. † 3 miles, 188.06 yards.

Le Roy See skated a half mile in 1.25 1-5, and a mile in 2.56 4-5 in the Pittsburgh (Pa.) rink, February 14 and 15, 1901. These are claimed to be the fastest indoor records ever made by an amateur.

Figure-Skating Championship of the United States: 1901, A. G. Keane; 1900, A. G. Keane; 1899, A. G. Keane; 1898, A. G. Keane; 1897, G. D. Phillips; 1896, H. S. Evans; 1895, G. D. Phillips; 1894, G. D. Phillips.

The figure-skating championship of the world was won again (February 13) by U. Salchow (of Stockholm); Mrs. Edgar Syers (of England), second; M. Jordan (of Berlin), third.

The skating championship of the United States and Canada at Verona Lake (February 1) resulted as follows: 1/2 mile, Peter Sinnrud, 1.25 2-5; 1 mile, Morris Wood, 3.07 1-5; 3 miles, Morris Wood, 10.19 4-5; 5 miles, Peter Sinnrud, 17.48 3-5; 10 miles, Peter Sinnrud, 37.04 1-5.

The State speed championship of New York was won on Spring Lake (January 25) by F. R. Sayer, of Newburgh, skating 1 mile in 3.17 1-5, 2 miles in 7.08, and 5 miles in 17.00 1-5.

The novice contest in figure skating (National American Skating Association) was won (March 20) by Wm. Valentine, New York, 46 points; I. Sankey tied for second with A. C. Brown, 42 points.

## Ice Hockey.

The American Hockey League championship was won in 1896-97 and in 1897-98 by the New York A. C., in 1898-99 by the Brooklyn S. C., in 1899-1900 by the Crescent A. C., and in 1900-01 by the same club.

Yale won the Intercollegiate championship in 1890-1900 and 1900-01.

The principal series of contests for the season 1901-02 resulted as follows:

| AMATEUR HOCKEY LEAGUE.           |      |       |          | INTERCOLLEGIATE HOCKEY LEAGUE.      |      |       |          |
|----------------------------------|------|-------|----------|-------------------------------------|------|-------|----------|
|                                  | Won. | Lost. | PerCent. |                                     | Won. | Lost. | PerCent. |
| Crescent A. C.....               | 7    | 2     | .777     | Yale.....                           | 6    | 0     | 1.000    |
| New York A. C.....               | 6    | 3     | .667     | Harvard.....                        | 3    | 3     | .500     |
| Hockey Club of N. Y.....         | 5    | 3     | .625     | Princeton.....                      | 2    | 2     | .500     |
| St. Nicholas Skating Club.....   | 3    | 5     | .375     | Brown.....                          | 1    | 3     | .250     |
| Brooklyn Skating Club.....       | 0    | 3     | .000     | Columbia.....                       | 0    | 4     | .000     |
| CANADIAN AMATEUR HOCKEY LEAGUE.  |      |       |          | LONG ISLAND INTERSCHOLASTIC LEAGUE. |      |       |          |
| Montreal.....                    | 6    | 2     | .750     | Polytechnic Preparatory, of         |      |       |          |
| Ottawa.....                      | 5    | 3     | .625     | Brooklyn.....                       | 3    | 0     | 1.000    |
| Victoria.....                    | 4    | 3     | .571     | St. Paul's School.....              | 2    | 1     | .667     |
| Quebec.....                      | 3    | 4     | .429     | Erasmus Hall.....                   | 0    | 1     | .000     |
| Shamrock.....                    | 1    | 7     | .125     | Pratt Institute.....                | 0    | 1     | .000     |
| INTERMEDIATE HOCKEY LEAGUE.      |      |       |          | Boys' High School.....              | 0    | 1     | .000     |
| Kensington Athletic Club.....    | 6    | 0     | 1.000    | Adelphi.....                        | 0    | 1     | .000     |
| Heffley School.....              | 5    | 1     | .900     | Latin School.....                   | 0    | 1     | .000     |
| Stevens Institute.....           | 4    | 2     | .667     | THE PITTSBURGH SENIOR LEAGUE.       |      |       |          |
| College of the City of N. Y..... | 2    | 4     | .333     | Keystone Bicycle Club.....          | 9    | 5     | ....     |
| Bedford High School.....         | 2    | 4     | .333     | Pittsburgh Athletic Club.....       | 8    | 6     | ....     |
| St. Francis Xavier.....          | 2    | 4     | .333     | Bankers' Athletic Club.....         | 4    | 10    | ....     |
| Naval Reserves.....              | 0    | 6     | .000     |                                     |      |       |          |

In Pittsburgh the team of Queen's University, of Toronto, played on January 15, Queen's, 1; All Stars, 2. January 16, Queen's, 2; Pittsburgh A. C., 1. January 17, Queen's, 1; Bankers, 1. January 18, Queen's, 0; Keystone, 2.

These matches were followed by the Frontenacs, of Kingston, Canada, January 23, Frontenacs, 0; Keystone, 7. January 24, Frontenacs, 2; Bankers, 2. January 25, Frontenacs, 2; Pittsburgh A. C., 2. The burning of the West Park Ice Palace, of Philadelphia, restricted the opportunity for ice hockey in that district to a few casual games.

In Canada, after the the League championship, the most important contests were for the Stanley Cup, won by the Montreal A. A. A. team: March 13, Victoria, 1; Montreal, 0. March 15, Victoria, 0; Montreal, 5. March 17, Victoria, 1; Montreal, 2.

In the Ontario Hockey Association finals Wellington, of Toronto, defeated Cornwallis 4-3, 8-3.

In the Intermediate championship Peterborough defeated Galt 4-4, 4-3.

## Billiards.

## WORLD'S RECORDS AT ALL STYLES OF PLAY.

(Revised to December 1, 1902.)

**Three-Ball Straight Rail.**—Highest run on record, 1,531, on a 5x10 table, by Maurice Vignaux, at Paris, France, April 10-14, 1880, against George F. Slosson. Harvey McKenna, the celebrated rail player, in an exhibition game on a 5x10 table scored a run of 2,572, and an average of 416%, at Boston, Mass., December 21, 1887; and Jacob Schaefer, in a match game played at San Francisco, Cal., in 1890, scored a run of 3,000 points on a 4½x9 table. His average was 750. The best average at the three-ball straight-rail game, on a 5x10 table, is 333½, by Jacob Schaefer, at Central Music Hall, Chicago, May 15, 1879.

**Cushion Caroms.**—Highest run, 77, on a 5x10 table, by William Sexton, at Tammany Hall, New York, December 19, 1881, against Jacob Schaefer. Best tournament average, 10 in 200 points, on a 5x10 table, by Jacob Schaefer, at Chicago, November 10, 1887. Best match average, 4 7/6-106 in 500 points, on a 5x10 table, by George F. Slosson, at Chicago, April 4, 1887.

Frank C. Ives made a run of 85 in exhibition tournament play for an announced purse of money, Bumstead Hall, Boston, Mass. There was no award of prize money.

**Balk-Line Game.**—Highest run at 8-inch balk-line game, 329, on a 5x10 table; the highest average is 44 5/2-67; both by Maurice Vignaux, at Paris, January, 1884.

Highest run at 14-inch balk-line game, anchor nurse permitted, 566, by Jacob Schaefer, New York, December 16, 1893. At anchor nurse barred, Frank C. Ives made 359, at Chicago, December 6, 1894.

Jacob Schaefer made a run of 111 in exhibition tournament play at 18-inch balk-line game, with one carom permitted when object balls were within the balk-line or anchor-box space. Central Music Hall, Chicago, Ill., May 22, 1896.

With anchor nurse allowed, in tournament play, Jacob Schaefer made an average of 100 at 14-inch balk-line game, New York, December, 1893, and Frank C. Ives made an average of 100, Chicago, January, 1894. Ives made an average of 63 2-10 at anchor barred, New York, November 13, 1894.

Frank C. Ives made a single game average of 50 at 18-inch balk-line game, in exhibition tournament play, with but five caroms permitted when object balls were within the anchor-box space. Madison Square Garden Concert Hall, New York, April 2, 1896.

Frank C. Ives made a single game average of 19 21-24 at 18-inch balk-line game, with but one carom permitted when object balls were within any balk-line or anchor-box space, in exhibition tournament play. Central Music Hall, Chicago, Ill., May 21, 1896.

George Sutton made a run of 215 at 14-inch balk-line game, a record for players below the first grade (known as "short-stops"), Chicago, June, 1897. W. A. Spinks made an average of 40 at 14-inch balk-line game, a record for "short-stops," Pittsburgh, Pa., March, 1897.

The best amateur records for 14-inch balk-line made in competition are held by Wayman C. McCreery, of St. Louis, Mo. His highest run was 139, made in the Class A amateur championship tournament in New York, February, 1899, and his best single average (for 400 points) was 14 22-27, in the Class A championship tournament in New York, February, 1900.

The highest run at 14-inch balk-line made in competition by a Class B amateur was 97, by J. Byron Stark, of New York, in November, 1898, and the best single average was 11 3-27 (for 300 points), made by J. DeMun Smith, of St. Louis, Mo., in the Class B championship tournament, in New York, December, 1899.

**English Game.**—John Roberts, of London, England, holds the record for the highest run, 1,392, scored at English "spot-barred" billiards (the recognized game in England now), 1894. W. J. Peall, of London, England, holds the record for the highest run, 1,888, with "spot-stroke" permitted, scored in a match game, 1890; in an exhibition game he scored 3,304 at the same style of play.

## BILLIARD EVENTS IN 1901-02.

A tournament was held for the professional championship of the world at 18-inch balk-line, in New York, December, 1901, which included the leading American experts and Barutel, from Paris. The result was as follows:

| PLAYER.                | Won. | Lost. | High Run. | Best Average. | Grand Average. |
|------------------------|------|-------|-----------|---------------|----------------|
| Jacob Schaefer.....    | 5    | 0     | 68        | 12 16-32      | 8.89           |
| George F. Slosson..... | 3    | 2     | 45        | 10 10-39      | 7.59           |
| Louis Barutel.....     | 3    | 2     | 42        | 8 32-46       | 6.18           |
| W. H. Sutton.....      | 2    | 3     | 64        | 13 23-29      | 9.26           |
| Ora Morningstar.....   | 1    | 4     | 62        | 9 22-42       | 5.21           |
| Leonard Howison.....   | 1    | 4     | 35        | 6 9-38        | 4.84           |

Two tournaments were held for the amateur championship. In January, 1902, the National Association of Amateur Billiard Players held a tournament at 14-inch balk-line in Brooklyn, which resulted as follows:

| PLAYER.                             | Won. | Lost. | High Run. | Best Average. | Grand Average. |
|-------------------------------------|------|-------|-----------|---------------|----------------|
| Edward Gardner, Brooklyn.....       | 4    | 0     | 52        | 6 6-69        | 5.48           |
| J. Byron Stark, New York.....       | 2    | 2     | 37        | 8 27-34       | 5.15           |
| A. R. Townsend, New York.....       | 2    | 2     | 39        | 6 36-46       | 5.26           |
| Ferdinand Poggenburg, New York..... | 1    | 3     | 40        | 6 21-33       | 5.88           |
| F. C. Gardner, New Jersey.....      | 1    | 3     | 38        | 6 16-46       | 5.13           |

The Amateur Athletic Union held a championship tournament (Class A) at 14-inch balk-line, in New York, in February, which resulted as follows:

| PLAYER.                             | Won. | Lost. | High Run. | Best Average. | Grand Average. |
|-------------------------------------|------|-------|-----------|---------------|----------------|
| C. S. Norris, New York.....         | 5    | 1     | 62        | 8.89          | 6.43           |
| W. H. Sigourney, San Francisco..... | 4    | 1     | 64        | 7.01          | 5.50           |
| Dr. L. Mial, New York.....          | 4    | 2     | 90        | 9.10          | 7.28           |
| C. F. Conklin, Chicago.....         | 3    | 3     | 45        | 8.51          | 6.11           |
| Chas. G. Threshie, Boston.....      | 2    | 4     | 52        | 9.52          | 5.97           |
| Dr. A. B. Miller, New York.....     | 1    | 5     | 43        | 5.79          | 4.74           |
| J. A. Hendrick, New York.....       | 1    | 5     | 34        | 7.84          | 4.62           |

In the play-off of the tie for first honors Norris beat Sigourney in a close game, and then challenged Wilson P. Foss, of Haverstraw, N. Y., the previous holder of the amateur championship. This challenge match for the title was played February 19, and was won by Foss by 500 to 464.

No new records were made in 1902 up to December 1.

## Yachting.

THERE were no international races for the America's Cup in 1902. A challenge was received by the New York Yacht Club, however, for another series of races for the America's Cup, to be sailed in 1903, and it was promptly accepted, October 16. The Royal Ulster Yacht Club, of Cork, Ireland, is the challenger, and the yacht to be sent will be named Shamrock III.; owner, Sir Thomas J. Lipton; water-line length, ninety feet, and with cutter rig. The dates selected are August 20, 22, 25, and following Thursdays, Saturdays, and Tuesdays, if necessary.

A series of races for the Canada Cup was arranged for last season, between the Royal Canadian Yacht Club, of Toronto (defender), and the Rochester Yacht Club (challenger), but this was postponed until summer of 1903 by mutual consent.

A series of international races for the Seawanhaka-Corinthian Yacht Club's International Challenge Cup for small yachts, which has been held by the Canadians since 1895, was sailed on Lake Saint Louis, off Montreal, August 7, 8, 9, and 11, 1902. The cup was defended by the Trident, and the Tecumseh represented the Bridgeport (Ct.) Yacht Club, the challengers. Four races were sailed, the first and third over a windward and leeward course, and the second and fourth over a triangular course, each of twelve miles distance.

The Trident won the first race by 14 minutes and 53 seconds; Tecumseh won the second by 1 minute and 22 seconds; Trident the third by 4 minutes and 11 seconds, and Trident the fourth by 5 minutes and 27 seconds. Result—Trident, the Canadian defender, won by three races to one for the Tecumseh.

A challenge for another series of races for the Seawanhaka-Corinthian International Cup for small yachts has already been accepted for season of 1903 by the Royal St. Lawrence Yacht Club, and the next challenger will represent the Manchester (Mass.) Yacht Club.

## RECORD OF INTERNATIONAL RACES FOR THE AMERICA'S CUP.

| DATE.          | Course.                     | American Yacht. | Time.    |          | English Yacht.       | Time.          |          | Result.                       | M. S. |
|----------------|-----------------------------|-----------------|----------|----------|----------------------|----------------|----------|-------------------------------|-------|
|                |                             |                 | H. M. S. | H. M. S. |                      | H. M. S.       | H. M. S. |                               |       |
| Aug. 29, 1851  | Around Isle of Wight....    | America.....    | 10.37.00 |          | Aurora.....          | 10.55.00       |          | Am. boat first home by 18.00. |       |
| Aug. 8, 1870   | New York Y. C. course....   | Magic.....      | 5.58.36  | 2-10     | Canada.....          | 4.37.38        | 9-10     | American boat won by 39.12.   |       |
| Oct. 16, 1871  | New York Y. C. course....   | Columbia.....   | 6.19.41  |          | Livonia.....         | 6.46.45        |          | American boat won by 27.04.   |       |
| Oct. 18, 1871  | 20 m. windward and back.    | Columbia.....   | 3.07.42  |          | Livonia.....         | 3.18.15        |          | American boat won by 10.33.   |       |
| Oct. 19, 1871  | New York Y. C. course....   | *Columbia.....  | 4.17.35  |          | Livonia.....         | 4.02.25        |          | *English boat won by 15.10.   |       |
| Oct. 21, 1871  | 20 m. windward and back.    | Sappho.....     | 5.39.02  |          | Livonia.....         | 6.09.23        |          | American boat won by 30.21.   |       |
| Oct. 23, 1871  | New York Y. C. course....   | Sappho.....     | 4.46.17  |          | Livonia.....         | 5.11.44        |          | American boat won by 25.27.   |       |
| Aug. 11, 1876  | New York Y. C. course....   | Madeleine.....  | 5.23.54  |          | Countess of Dufferin | 5.34.53        |          | American boat won by 10.59.   |       |
| Aug. 12, 1876  | 20 m. windward and back.    | Madeleine.....  | 7.18.46  |          | Countess of Dufferin | 7.46.00        |          | American boat won by 27.14.   |       |
| Nov. 9, 1881   | New York Y. C. course....   | Mischief.....   | 4.17.09  |          | Atlanta.....         | 4.45.39        | ½        | American boat won by 28.20.   | ½     |
| Nov. 10, 1881  | 15 m. leeward and back....  | Mischief.....   | 4.54.53  |          | Atlanta.....         | 5.33.47        |          | American boat won by 38.54.   |       |
| Sept. 14, 1885 | New York Y. C. course....   | Puritan.....    | 6.06.05  |          | Genesta.....         | 6.22.94        |          | American boat won by 16.19.   |       |
| Sept. 16, 1885 | 20 m. leeward and back....  | Puritan.....    | 5.03.14  |          | Genesta.....         | 5.04.52        |          | American boat won by 1.38.    |       |
| Sept. 9, 1886  | New York Y. C. course....   | Mayflower.....  | 5.26.41  |          | Galatea.....         | 5.28.43        |          | American boat won by 12.02.   |       |
| Sept. 11, 1886 | 20 m. leeward and back....  | Mayflower.....  | 6.49.00  |          | Galatea.....         | 7.18.09        |          | American boat won by 29.09.   |       |
| Sept. 27, 1887 | New York Y. C. course....   | Volunteer.....  | 4.53.18  |          | Thistle.....         | 5.12.41        | ½        | American boat won by 19.23.   | ½     |
| Sept. 30, 1887 | 20 m. windward and back.    | Volunteer.....  | 5.42.56  | ½        | Thistle.....         | 5.54.45        |          | American boat won by 11.48.   | ½     |
| Oct. 7, 1893   | 15 m. windward and back.    | Vigilant.....   | 4.05.47  |          | Valkyrie II.....     | 4.11.35        |          | American boat won by 5.48.    |       |
| Oct. 9, 1893   | 30 m. triangular course.... | Vigilant.....   | 3.25.01  |          | Valkyrie II.....     | 3.35.35        |          | American boat won by 10.35.   |       |
| Oct. 13, 1893  | 15 m. windward and back.    | Vigilant.....   | 3.24.39  |          | Valkyrie II.....     | 3.25.19        |          | American boat won by .40.     |       |
| Sept. 7, 1895  | 15 m. windward and back.    | Defender.....   | 3.59.54  | 9-10     | Valkyrie III.....    | 5.08.41        |          | American boat won by 8.49     | 1-10. |
| Sept. 10, 1895 | 30 m. triangular course.... | Defender.....   | 3.55.56  |          | Valkyrie III.....    | † disqualified |          | American boat won on foul.    |       |
| Sept. 12, 1895 | 15 m. leeward and back....  | Defender.....   | 4.43.43  |          | Valkyrie III.....    | withdrew       |          | American boat had walk over.  |       |
| Oct. 16, 1899  | 15 m. windward and back.    | Columbia.....   | 4.53.53  |          | Shamrock I.....      | 5.04.01        |          | American boat won by 10.08.   |       |
| Oct. 17, 1899  | 30 m. triangular course.... | Columbia.....   | 3.27.00  |          | Shamrock I.....      | disabled       |          | American boat had walk over.  |       |
| Oct. 20, 1899  | 15 m. leeward and back....  | Columbia.....   | 3.38.09  |          | Shamrock I.....      | 3.44.43        |          | American boat won by 6.34.    |       |
| Sept. 26, 1901 | 15 m. windward and back.    | Columbia.....   | 4.30.24  |          | Shamrock II.....     | 4.31.44        |          | American boat won by 1.20.    |       |
| Oct. 3, 1901   | 30 m. triangular course.... | Columbia.....   | 3.12.35  |          | Shamrock II.....     | 3.16.10        |          | American boat won by 3.35.    |       |
| Oct. 4, 1901   | 15 m. leeward and back....  | Columbia.....   | 4.32.57  |          | Shamrock II.....     | 4.33.38        |          | † American boat won by .41.   |       |

\* Columbia disabled, but finished race. † Valkyrie III. fouled Defender, and the race was awarded to American boat, though the challenger finished 47 secs. ahead in 3.55.09. ‡ Shamrock II. finished first, but lost race on time allowance of 43 secs.

## FAMOUS TRANSATLANTIC RACES.

In 1851 the schooner America crossed the ocean in 21 days. In 1866 the schooners Henrietta, Fleetwing, and Vesta raced from Sandy Hook to the Needles, Isle of Wight, for stakes amounting to \$90,000. The Henrietta won in 13 days 21 hours 55 minutes, averaging 9½ knots for 3,106 miles. The Fleetwing sailed 3,005 miles and the Vesta 3,046 miles.

On July 4, 1890, the schooners Cambria and Dauntless raced from Old Kinsale Head, Ireland, to Sandy Hook. The Cambria won. She sailed 2,881 miles in 23 days 5 hours 17 minutes. The Dauntless sailed 2,783 miles in 25 days 7 hours.

The schooners Coronet and Dauntless sailed a match race for \$10,000 a side in 1887. The start was made off Bay Ridge on March 12, and the race ended at Queenstown. The Coronet won. She sailed 2,949 miles in 14 days 23 hours 30 minutes. The Dauntless sailed 2,947 miles in 16 days 1 hour 43 minutes.

## Curling.

ALTHOUGH curling as a pastime can be indulged in over several weeks each winter, the records of curling contests, which have to be played or not on certain dates, are very uncertain, depending on the continuance over a protracted period of uniform frost. In the tournament for the Gordon medal, which is practically emblematic of the American championship, the Utica team on February 9 scored 188 points, and the Thistle of Manhattan 51. "The Dawson Cup" was won at Van Cortlandt Park, on February 14, by Utica, with a score of 21 over the Empire City Rink 10. The Dalrymple medal was won by the South of Scotland over the North by 57 to 50.

# Football.

## INTERCOLLEGIATE GAMES OF 1902.

IN the absence of any recognized Intercollegiate Football Association the championship cannot always be unerringly fixed; but in 1902 there is no difficulty in allotting the honor to Yale, inasmuch as she won every one of her games. Harvard came next, for she won all but one, and Princeton ranks third. After this point the ranking depends on other factors than the mere recital of the number of games won or lost. Such general averages as are deduced therefrom and decimal points of percentages are often misleading, for a technical defeat by a narrow margin is often a real victory for the loser; the respective general qualities of the two teams must be weighed in the balance.

The following statement in detail of the principal games played during the season beginning September 28, and ending November 30, affords the fairest basis for a judgment of the respective performances of the season of 1902:

| COLLEGE.           | Won.                                                                                                                                                     | Won.                                                                                                                                                  | Lost.                                                                                                                    |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Yale.....          | From Trinity..... 40-0<br>From Tufts..... 34-6<br>From Amherst..... 23-0<br>From Wesleyan..... 35-0<br>From Brown..... 10-0<br>From State Penn..... 11-0 | From Syracuse... 21-0<br>Tied West Point... 6-6<br>From Bucknell.... 36-5<br>From Princeton... 12-5<br>From Harvard.... 23-0<br>From Bowdoin.... 17-6 |                                                                                                                          |
| Harvard.....       | From Williams..... 11-0<br>From Bates..... 23-0<br>From Amherst..... 6-0<br>From Maine..... 22-0<br>From West Point.... 14-6                             | From Brown..... 6-0<br>From Carlisle Inds. 23-0<br>From Univ. of Penn 11-0<br>From Dartmouth.. 16-6                                                   | To Yale..... 0-23                                                                                                        |
| Princeton.....     | From Swarthmore.. 18-0<br>From Lehigh..... 23-0<br>From Annapolis.... 11-0<br>From Washington<br>and Jefferson..... 23-5                                 | From Dickinson... 22-0<br>From Columbia... 22-0<br>From Cornell..... 10-0                                                                             | To Yale..... 5-12                                                                                                        |
| West Point.....    | From Tufts..... 5-0<br>From Dickinson.... 11-0<br>From Williams.... 28-0<br>Tied Yale..... 6-6                                                           | From Union..... 56-0<br>From Syracuse.... 46-0<br>From Annapolis... 22-8                                                                              | To Harvard..... 6-14                                                                                                     |
| Cornell.....       | From Colgate..... 5-0<br>From Rochester.... 31-0<br>From Union..... 43-0<br>From Hobart..... 56-0<br>From Williams.... 37-6                              | From Washington<br>and Jefferson.... 50-0<br>From Oberlin.... 57-0<br>From Lafayette... 28-0<br>From Coe..... 35-0                                    | To Carlisle Indians 6-10<br>To Princeton..... 0-10<br>To Univ. of Penn.. 11-12                                           |
| Univ. of Penn....  | From Lehigh..... 12-0<br>From State..... 17-0<br>From Swarthmore.. 11-6<br>From Gettysburg... 36-0                                                       | From Bucknell... 6-5<br>From Columbia... 17-0<br>From Cornell..... 12-11<br>From Haverford... 18-5                                                    | To Brown..... 6-15<br>To Annapolis.... 6-10<br>To Harvard..... 0-11<br>To Carlisle Indians 0-5                           |
| Dartmouth.....     | From Univ. of Vermont..... 11-0<br>From Tufts..... 29-0                                                                                                  | From Brown..... 12-6                                                                                                                                  | To Amherst..... 6-12                                                                                                     |
| Carlisle Indians.. | From Gettysburg... 25-0<br>From Cornell..... 10-6                                                                                                        | From Univ. of Penn 5-0<br>From Georgetown. 17-0                                                                                                       | To Bucknell..... 0-16<br>To Michigan..... 0-60<br>To Harvard..... 0-23                                                   |
| Columbia.....      | From Horace Mann 20-0<br>From Rutgers..... 43-0<br>From Fordham.... 45-0<br>From Un. of Buffalo 5-0                                                      | From Hamilton... 35-0<br>From Annapolis... 5-0<br>Tied Syracuse.... 6-6                                                                               | To Princeton.... 0-22<br>To Univ. of Penn.. 0-17<br>To Amherst..... 0-29                                                 |
| Annapolis.....     | Tied Lehigh..... 5-5<br>From Univ. of Penn. 10-6                                                                                                         | From Lafayette... 12-11<br>From St. John.... 10-0                                                                                                     | To Georgetown... 0-4<br>To Bucknell..... 0-23<br>To Columbia..... 0-5<br>To Princeton.... 0-11<br>To West Point.... 8-22 |
| Wesleyan.....      | From Amherst..... 6-5                                                                                                                                    | From Trinity..... 23-6                                                                                                                                | To Brown..... 0-5<br>To Yale..... 0-35<br>To Williams..... 3-28                                                          |
| Brown.....         | From Wesleyan.... 5-0<br>From Univ. of Penn 15-6                                                                                                         | From Tufts..... 45-12                                                                                                                                 | To Harvard..... 0-6<br>To Lafayette.... 5-6<br>To Dartmouth.... 6-12                                                     |
| Williams.....      | From Hamilton.... 6-0                                                                                                                                    | From Wesleyan... 28-3                                                                                                                                 | To Harvard..... 0-11<br>To Cornell..... 6-37                                                                             |
| Amherst.....       | From Union..... 16-0<br>From Dartmouth... 12-6<br>From Bowdoin.... 16-0                                                                                  | From Mass. State.. 10-0<br>From Columbia... 29-0<br>From Wellesley... 17-0                                                                            | To Yale..... 0-23<br>To Syracuse..... 0-15                                                                               |

## FOOTBALL—Continued.

| COLLEGE.            | Won.                                                                   | Won.                                                       | Lost.                                             |
|---------------------|------------------------------------------------------------------------|------------------------------------------------------------|---------------------------------------------------|
| Lehigh .....        | Tied Annapolis..... 5-5<br>From Union ..... 40-0                       | From Rutgers..... 34-0<br>From Univ. of Va. 34-5           | To Univ. of Penn.. 0-12<br>To Princeton..... 0-23 |
| Syracuse .....      | From Williams..... 26-0<br>Tied Columbia..... 6-6                      | From Colgate..... 23-0                                     | To West Point..... 0-46                           |
| Lafayette.....      | From Gallaudet..... 23-0                                               | From Brown..... 6-5                                        | To Cornell... .. 0-28                             |
| Swarthmore.....     | From Haverford... 32-0                                                 | From N. Y. Univ. 11-0                                      |                                                   |
| Univ. of Michigan   | From Case..... 49-6<br>From Albion..... 74-0<br>From Minnesota... 23-6 | From Ohio State<br>Univ..... 86-0<br>From Wisconsin... 6-0 |                                                   |
| Univ. of Illinois.. | From N. W. Univ.. 17-0                                                 |                                                            |                                                   |
| Johns Hopkins...    | From Maryland Ag. 17-0                                                 |                                                            |                                                   |
| N. W. Univ. ....    | From Rush Med... 11-6                                                  | Naperville..... 5-0                                        | To Univ. of Ill.... 0-17                          |
| Univ. of Tenn....   | From Georgia Sch'l<br>of Technology..... 10-6                          |                                                            |                                                   |
| Univ. of Chicago..  | From Perdue..... 30-0                                                  |                                                            |                                                   |
| Univ. of Maine...   | From Bowdoin..... 11-0                                                 | From Colby..... 16-0                                       |                                                   |
| Univ. of Virginia.  | From Virginia Poly-<br>technic..... 6-0<br>From Carlisle Inds. 6-5     | From St. John's,<br>Md..... 22-0                           | To Lehigh..... 5-34                               |
| Univ. of Wis.....   | From Lawrence ... 52-0                                                 |                                                            |                                                   |
| Univ. of Minn....   | From Beloit..... 29-0                                                  |                                                            | To Minnesota..... 6-23                            |

## PREVIOUS INTERCOLLEGIATE RECORDS.

## YALE-HARVARD.

|                               |                            |                            |
|-------------------------------|----------------------------|----------------------------|
| 1883—Yale, 23; Harvard, 2.    | 1889—Yale, 6; Harvard, 0.  | 1897—Yale, 0; Harvard, 0.  |
| 1884—Yale, 52; Harvard, 0.    | 1890—Harvard, 12; Yale, 6. | 1898—Harvard, 17; Yale, 0. |
| 1885—No game played.          | 1891—Yale, 10; Harvard, 0. | 1899—Harvard, 0; Yale, 0.  |
| 1886—Yale, 29; Harvard, 4.    | 1892—Yale, 6; Harvard, 0.  | 1900—Yale, 28; Harvard, 0. |
| 1887—Yale, 17; Harvard, 8.    | 1893—Yale, 6; Harvard, 0.  | 1901—Harvard, 22; Yale, 0. |
| 1888—Yale, Harvard forfeited. | 1894—Yale, 12; Harvard, 4. | 1902—Yale, 23; Harvard, 0. |

## YALE-PRINCETON.

|                              |                               |                               |
|------------------------------|-------------------------------|-------------------------------|
| 1883—Yale, 6; Princeton, 0.  | 1890—Yale, 32; Princeton, 0.  | 1897—Yale, 6; Princeton, 0.   |
| *1884—Yale, 6; Princeton, 4. | 1891—Yale, 19; Princeton, 0.  | 1898—Princeton, 6; Yale, 0.   |
| 1885—Princeton, 6; Yale, 5.  | 1892—Yale, 12; Princeton, 0.  | 1899—Princeton, 11; Yale, 10. |
| *1886—Yale, 4; Princeton, 0. | 1893—Princeton, 6; Yale, 0.   | 1900—Yale, 29; Princeton, 5.  |
| 1887—Yale, 12; Princeton, 0. | 1894—Yale, 24; Princeton, 0.  | 1901—Yale, 12; Princeton, 0.  |
| 1888—Yale, 10; Princeton, 0. | 1895—Yale, 20; Princeton, 10. | 1902—Yale, 12; Princeton, 5.  |
| 1889—Princeton, 10; Yale, 0. | 1896—Princeton, 24; Yale, 6.  |                               |

\* Unfinished games.

## HARVARD-PRINCETON.

|                                 |                                  |                                 |
|---------------------------------|----------------------------------|---------------------------------|
| 1883—Princeton, 26; Harvard, 7. | 1887—Harvard, 12; Princeton, 0.  | 1895—Princeton, 12; Harvard, 4. |
| 1884—Princeton, 34; Harvard, 6. | 1888—Princeton, 18; Harvard, 6.  | 1896—Princeton, 12; Harvard, 0. |
| 1886—Princeton, 12; Harvard, 0. | 1889—Princeton, 41; Harvard, 15. | (No games since 1896.)          |

## Wrestling.

WRESTLING up to the end of the eighteenth century and even the beginning of the nineteenth was an integral part of pugilism. It is now, as it was in all the classic times of Greece and Rome, a separate and distinct athletic contest. The following contestants have held the American honors of the

## WRESTLING CHAMPIONS, A. A. U.

- 105 Pounds—April, 1889, J. B. Reilly, A. C. S. N.; December, 1889, J. B. Reilly, A. C. S. N.; 1890, J. B. Reilly, A. C. S. N.; 1891, F. Bertsch, A. A. C.; 1893, C. Monypenny, P. A. S. C.; 18 4; R. Bonnett, Jr., N. T. V., Newark, N. J.; 1885, J. Hilliah, Allegheny A. C.; 1896, H. Cotter, Bay Ridge A. C.; 1897, G. W. Owen, Pittsburgh A. C.; 1899, W. Nelson, St. George's A. C., New York; 1900, W. L. Nelson, St. George's A. C.; 1901, Wm. Karl, Metropolitan A. C.; 1902, Wm. Karl.
- 115 Pounds—1888 (at 120 pounds), J. Steil, N. Y. T. V.; April, 1889, F. Mueller, N. T. V.; December, 1889, F. Mueller, N. T. V.; 1890, F. Mueller, N. T. V.; 1891, E. Beck, S. T. V.; 1893, J. Holt, P. A. S. C.; 1894, F. Bertsch, N. T. V.; 1895, M. Kerwin, Kingsley A. C.; 1896, R. Bonnett, Jr., N. T. V., Newark; 1897, R. Bonnett, Jr., N. Y. T. V.; 1899, Robert Bonnett, Jr., Turn Verein, Newark, N. J.; 1900, J. Renzlar, St. George's A. C.; 1901, George Owens, Verner A. C.; 1902, George Hembert.
- 125 Pounds—1891, F. Weis, P. H.; 1893, W. Troelsch, P. A. S. C.; 1894, W. J. Reilly, M. A. A.; 1895, W. J. Reilly, M. A. A.; 1896, E. Harris, St. George's A. C.; 1897, A. Meanwell, Rochester A. C.; 1899, M. Wiley, R. A. C.; 1900, A. Kurtzman, St. George's A. C.; 1901, C. Niflot, Pastime A. C.; 1902, J. Neffock.

## WRESTLING—Continued.

- 135 Pounds—April, 1889, M. Luttbeg, N. Y. T. V.; December, 1889, M. Luttbeg, N. Y. T. V.; 1896, H. W. Wolff, A. C. S. N.; 1891, A. Ullman, W. A. A.; January, 1893, C. W. Clark, P. A. S. C.; 1894, A. Lippman, St. George's A. C.; 1895, J. McGrew, Pittsburgh A. C.; 1896, A. Ullman, Bay Ridge A. C.; 1897, H. Wolff, Quaker A. C.; 1899, Max Wiley, R. A. C., Rochester, N. Y.; 1900, M. Wiley, Rochester A. C.; 1901, Max Wiley, Rochester A. C.; 1902, F. Cook.
- 145 Pounds—1897, W. F. Riggs, West Philadelphia Y. M. C. A.; 1899, Max Wiley, R. A. C., Rochester, N. Y.; 1900, Max Wiley, Rochester A. C.; 1901, Max Wiley, Rochester A. C.; 1902, N. Nelson.
- 158 Pounds—1888, Dr. J. K. Shell, A. C. S. N.; April, 1889, M. Lau, V. B. C.; December, 1889, M. Lau, S. A. A. C.; December, 1890, Geo. W. Hoskins; 1891, Z. Von Bockman, S. G. A. C.; 1893, W. D. Osgood, P. A. S. C.; 1894, F. B. Ellis, P. A. C.; 1895, C. Reinecke, C. T. V.; 1896, A. Ullman, Bay Ridge A. C.; 1897, D. S. Chesterman, Quaker City A. C.; 1899, A. Mellinger, St. Bartholomew A. C., New York; 1900, M. Wiley, Rochester A. C.; 1901, J. Schmicker, Avonia A. C.; 1902, J. Schuman.

## Boxing.

BOXING, popularly interpreted to-day, means an exhibition of skill in attack and defence with the gloved hand, in contradistinction to contests with the bare fists, which in most States are unlawful. Aforetime these contests were denominated as pugilism, or prize fights. The prize most desired, however, was, and is still, that of the honor of "the championship of the world," and this title has descended in an unbroken series of contests from the year 1719 until to-day, when it is held by James Jeffries as a result of his contest with Robert Fitzsimmons, at San Francisco, on July 25, 1902, whom he knocked out in the eighth round.

The line of champions begins in 1719 with the time-honored father of pugilism Figg, but may be better taken up in 1808 when Gulley, the grandfather of the present Speaker of the British House of Commons, won, but declined, the championship. After that a number of successes and defeats carried the title down to 1860, when it became international by the meeting of Tom Sayers, the British holder, with the American Heenan. Neither can be truly said to have conquered, for both did. After this fight Sayers left the belt, the championship of the world, open for competition. Jim Mace, of England, by a series of contests became entitled ultimately to meet F. Allen for that honor in America in 1870, and he beat him. James Smith next became the champion of England in 1885, and he was beaten by Jake Kilrain, of Boston, Mass., in 1887. Thereby Kilrain became the world's heavy-weight champion. In 1889 John L. Sullivan, of Boston, beat Kilrain. Sullivan was defeated in 1892 by James J. Corbett, who in turn was defeated in 1897 by Robert Fitzsimmons. Fitzsimmons lost the championship in 1900, and again in 1902, to James Jeffries.

The present rules governing the boxing of the world are known all the world over as the "Queensberry Rules." Under them wrestling and hugging are forbidden, the weight of the glove is defined, each round is limited to three minutes, and one minute interval, and the time allowed for a fallen man to get up is ten seconds. The following are

## THE PRINCIPAL PROFESSIONAL BOUTS OF 1902.

- January 31, at Chicago, "Kid" Broad defeated Tommy Sullivan in 6 rounds.
- February 22, at Louisville, Ky., Terry McGovern knocked out Dave Sullivan in 15 rounds.
- March 7, at Louisville, Ky., Joe Choynski knocked out "Wild Bill" Hanrahan in 5 rounds.
- March 21, at Philadelphia, Pa., Gus Ruhlin knocked out Peter Maher in 2 rounds.
- April 3, at Chicago, Ill., Tommy Ryan got decision over Stiff in 10 rounds.
- April 7, at Chicago, Ill., "Kid" Carter got decision over Al Weing in 6 rounds.
- April 22, at Cincinnati, "Kid" Sullivan knocked out Jack Bolan in 2 rounds.
- June 25, at London, Eng., Gus Ruhlin beat Tom Sharkey in 11 rounds.
- July 14, at Fort Erie, "Kid" Carter knocked out Al Weing in 12 rounds.
- July 25, at San Francisco, Cal., Jim Jeffries (champion) knocked out Robert Fitzsimmons in 8 rounds.
- September 8, at London, Eng., "Pedlar" Palmer got decision over George Dixon in 15 rounds.
- September 29, at Philadelphia, Pa., Jack O'Brien defeated Joe Choynski in 6 rounds.
- September 29, at Baltimore, Md., Joe Tipman knocked out Young Griffo in 5 rounds.
- October 16, at Baltimore, Md., "Young Corbett" defeated Joe Bernstein in 7 rounds.
- November 10, at Chicago, Ill., Jack Root got decision over Marvin Hart in 16 rounds.
- December 4, at Philadelphia, Pa., "Kid" Carter knocked out Peter Maher in 2 rounds.

The amateur boxing contests are entirely under the authority and control of the A. A. U., with the following results:

## AMERICAN AMATEUR BOXING CHAMPIONS.

- 105 Pounds—1888, D. O'Brien, P. A. C.; March, 1889, M. Rice, U. A. C.; December, 1889, D. O'Brien, P. A. C.; 1890, T. Murphy, P. A. C.; 1891, J. D. Millen, W. S. A. C.; 1893, G. Ross, Lex. A. C.; 1894, J. Madden, P. A. C.; 1895, J. Salmon, Pittsburgh A. C.; 1896, J. Mylan, Yemassee A. C.; 1897, G. W. Owens, Pittsburgh A. C.; 1899, David Watson, Paterson, N. J.; 1900, W. Cullen, N. W. S. A. C.; 1901, J. Brown, D. C. and A. C., Pittsburgh; 1902, W. Schumaker.
- 115 Pounds—1888, W. H. Rocap, A. C. S. N.; April, 1889, W. H. Rocap, A. C. S. N.; December, 1889, W. Kenny, N. J. A. C.; 1890, B. Weldon, Br. A. C.; 1891, G. F. Connolly, T. A. C., Boston, Mass.; 1893, M. J. Hallihan, W. A. A., Philadelphia, Pa.; 1894, R. McVeigh, S. A. C.; 1895, E. Horen, Emerald A. C.; 1896, J. A. Gross, N. W. S. A. C.; 1897, Chas. Fahey, Rochester A. C.; 1899, Wm. Wildner, N. W. S. A. C., New York; 1900, H. Murphy, St. Bartholomew A. C.; 1901, George Young, D. C. and A. C.; 1902, Fred. Berg.
- 125 Pounds—April, 1889, J. Brown, W. S. A. C.; December, 1889, J. Gorman, S. A. C.; 1890, J. Schneering, P. A. C.; 1891, W. H. Horton, A. C. S. N.; 1893, W. H. Horton, A. C. S. N.; 1894, C. Miner, C. A. C.; 1895, L. Campbell, Oak Leaf A. C.; dropped 1896; 1897, Jos. McCann, Quaker City A. C.; 1899, John Burns, N. W. S. A. C., New York; 1900, J. Scholes, Toronto, Ont.; 1901, John L. Scholes, Don Rowing Club, Toronto; 1902, Joe McCann.
- 135 Pounds—1888, G. Thompson, N. Y. A. C.; April, 1889, E. F. Walker, A. C. S. N.; December, 1889, W. F. McGarry, S. A. C.; 1890, J. Rice, V. B. C.; 1891, O. H. Ziegler, A. C. S. N.; 1893, H. M. Leeds, P. A. S. C.; 1894, C. J. Gehring, Baltimore, Md.; 1895, J. Quinn, Bedford A. C.; 1896, James Payne, Pastime A. C.; 1897, Ed. Dix, Caledonia C., Philadelphia; 1899, G. Jansen, P. A. C., New York; 1900, J. Hopkins, U. S. A. C.; 1901, J. F. Mumford, New West Side A. C.; 1902, J. Dillon.

BOXING—Continued.

145 Pounds—A. McIntosh, N. W. S. A. C.; 1897, A. McIntosh, N. W. S. A. C.; 1899, Percy McIntyre, P. A. C.; 1900, J. J. Dukelow, Rochester A. C.; 1901, J. J. Dukelow, P. A. C.; 1902, Charles McCann.

158 Pounds—1888, P. Cahill, S. A. A. C.; April, 1889, P. Cahill, S. A. A. C.; December, 1889, W. H. Stuckey, W. E. A. C.; 1890, P. Cahill, S. A. A. C.; 1891, W. Stuckey, W. E. A. C.; 1893, A. Black, P. A. S. C.; 1894, O. Harney, P. A. C.; 1895, M. Lewis, Emerald A. C.; 1896, Geo. Schwieger, N. Y. A. C.; 1897, A. McIntosh, N. W. S. A. C.; 1899, A. McIntosh, N. W. S. A. C.; 1900, W. Rodenbach, N. W. S. A. C.; 1901, Wm. Rodenbach, New West Side A. C.; 1902, Wm. Rodenbach.

Heavy-Weight—1890, N. F. Doherty, B. A. A.; 1891, A. Isaacs, P. A. C.; 1893, D. A. Whillher, M. B. C.; 1894, J. Kennedy, P. A. C.; 1895, W. D. Osgood, University of Pennsylvania; 1896, draw between Geo. Schwieger, N. Y. A. C., and J. G. Eberle, Pastime A. C.; D. Herty, N. W. S. A. C.; 1899, J. B. Knipe, P. A. C.; 1900, J. B. Knipe, P. A. C.; 1901, Wm. Rodenbach, New West Side A. C.; Emery Payne.

Cricket.

UNITED STATES VS. CANADA.

THE thirtieth annual cricket match between the United States and Canada was played on the grounds of the Germantown Cricket Club, at Philadelphia, September 12 and 13. The game resulted in a very easy victory for the United States team by an innings and 104 runs to spare. The scores were as follows: First innings, Canada 49; first innings, United States 287; second innings, Canada 134. The record of games played now stands: United States, won 20, lost 8; draw games, 2.

STANDING OF THE CLUBS IN THE METROPOLITAN DISTRICT LEAGUE.

| CLUB.                  | Played. | Won. | Lost. | Drawn. | CLUB.                  | Played. | Won. | Lost. | Drawn. |
|------------------------|---------|------|-------|--------|------------------------|---------|------|-------|--------|
| Knickrbocker A. C..... | 12      | 9    | 1     | 2      | Manhattan C. C.....    | 11      | 3    | 5     | 3      |
| Brooklyn C. C.....     | 12      | 8    | 2     | 2      | Kings County C. C..... | 12      | 2    | 10    | 0      |
| Paterson C. C.....     | 12      | 8    | 2     | 2      | Nelson Lodge C. C..... | 11      | 0    | 11    | 0      |
| Livingston F. C.....   | 12      | 6    | 5     | 1      |                        |         |      |       |        |

AVERAGES OF LEADING PLAYERS OF THE METROPOLITAN DISTRICT LEAGUE.

| BATTING.                    |          |               |       |          | BOWLING. |                              |       |          |          |    |       |
|-----------------------------|----------|---------------|-------|----------|----------|------------------------------|-------|----------|----------|----|-------|
| Inns.                       | Not Out. | Most in Inns. | Runs. | Average. | Balls.   | Maidens.                     | Runs. | Wickets. | Average. |    |       |
| M. R. Cobb, Livingston....  | 10       | 5             | *103  | 490      | 84.00    | F. F. Kelly, Kn. A. C.....   | 937   | 48       | 318      | 49 | 6.49  |
| A. Bunce, Paterson.....     | 2        | 1             | *51   | 52       | 52.00    | C. H. Clarke, Kn. A. C.....  | 607   | 8        | 306      | 47 | 6.55  |
| W. Bunce, Paterson.....     | 10       | 3             | 106   | 311      | 44.42    | C. A. Worm, Brooklyn....     | 507   | 12       | 201      | 29 | 6.96  |
| J. Poyer, Brooklyn.....     | 10       | 4             | *64   | 244      | 40.66    | D. Boxill, Brooklyn.....     | 420   | 21       | 162      | 23 | 7.04  |
| F. J. Prendergast, Man....  | 9        | 0             | 124   | 325      | 36.11    | W. Bunce, Paterson.....      | 311   | 11       | 120      | 15 | 8.00  |
| A. G. Laurie, Knick.....    | 9        | 2             | *103  | 240      | 34.28    | W. J. H. Clarke, L. F. C.... | 497   | 25       | 199      | 24 | 8.29  |
| F. G. Warbarton, Paterson.. | 10       | 2             | *71   | 288      | 32.55    | M. R. Cobb, L. F. C.....     | 749   | 21       | 327      | 38 | 8.60  |
| F. F. Kelly, Knick.....     | 11       | 2             | 52    | 256      | 28.44    | W. Clarkson, Paterson....    | 577   | 18       | 255      | 28 | 9.10  |
| N. S. Walker, Livingston..  | 8        | 1             | 70    | 195      | 27.35    | H. Rushton, Manhattan...     | 883   | 35       | 364      | 33 | 11.03 |
| S. B. Stanfast, Brooklyn..  | 9        | 2             | *107  | 185      | 26.42    | J. W. Hooper, Paterson....   | 514   | 26       | 233      | 20 | 11.65 |
| C. A. Worm, Brooklyn....    | 8        | 1             | *103  | 174      | 24.85    | H. Tattersall, K. C.....     | 829   | 30       | 363      | 24 | 15.32 |
| F. D. Mockler, Knick.....   | 11       | 3             | 50    | 193      | 24.12    | G. W. Barnes, K. C.....      | 569   | 8        | 403      | 26 | 15.50 |

\* Not out.

STANDING OF THE CLUBS IN THE NEW YORK CRICKET ASSOCIATION.

| CLUB.                | Won. | Lost. | Drawn. | Per Centage. | CLUB.                | Won. | Lost. | Drawn. | Per Centage. |
|----------------------|------|-------|--------|--------------|----------------------|------|-------|--------|--------------|
| Columbia Oval Club.. | *7   | 2     | 3      | .777         | Paterson, Team B.... | *5   | 6     | 1      | .454         |
| Essex County.....    | 7    | 2     | 3      | .777         | Newark.....          | 3    | *6    | 3      | .333         |
| Brooklyn, Team B.... | 6    | *4    | 2      | .600         | Manhattan, 2d Eleven | 1    | *9    | 2      | .100         |
| Branch Brook.....    | *4   | 4     | 4      | .500         |                      |      |       |        |              |

Brooklyn forfeited one game to Paterson, Newark one game to Columbia Oval, Manhattan one game to Branch Brook. Owing to lateness of season "ties" not played off.

AVERAGES OF LEADING PLAYERS.

| BATTING.                   |          |               |       |          | BOWLING. |                             |       |          |          |    |      |
|----------------------------|----------|---------------|-------|----------|----------|-----------------------------|-------|----------|----------|----|------|
| In-nings.                  | Not Out. | Most in Inns. | Runs. | Average. | Balls.   | Maidens.                    | Runs. | Wickets. | Average. |    |      |
| C. H. Stratford, Essex Co. | 2        | 1             | 24    | 25       | 25.00    | H. O. Wilkinson, Col'bia O. | 487   | 21       | 138      | 32 | 4.31 |
| A. A. McCully, Manhat.     | 2        | 1             | 14    | 20       | 20.00    | C. Smith, Brooklyn....      | 485   | 26       | 145      | 31 | 4.67 |
| A. Bunce, Paterson.....    | 9        | 2             | *25   | 181      | 18.71    | F. Birch, Essex Co.....     | 501   | 6        | 292      | 57 | 5.19 |
| A. Backus, Newark.....     | 10       | 1             | *34   | 192      | 19.00    | J. W. Taylor, Paterson....  | 137   | 2        | 74       | 14 | 5.28 |
| J. Seignior, Columbia O..  | 1        | 0             | 16    | 16       | 16.00    | E. Foy, Columbia Oval..     | 140   | 10       | 33       | 6  | 5.50 |
| F. Spatcher, Essex Co....  | 12       | 4             | *27   | 121      | 15.12    | T. Gilbert, Essex Co....    | 176   | 2        | 87       | 15 | 5.80 |
| C. Smith, Brooklyn....     | 9        | 1             | 62    | 120      | 15.00    | G. C. Boxill, Brooklyn..    | 180   | 6        | 72       | 12 | 5.89 |
| B. F. Brown, Brooklyn..    | 4        | 1             | 24    | 44       | 14.66    | A. Bunce, Paterson.....     | 387   | 15       | 112      | 17 | 6.58 |
| J. Poyer, Brooklyn....     | 2        | 0             | 27    | 28       | 14.00    | G. Shaw, Columbia Oval.     | 462   | 22       | 169      | 24 | 6.62 |
| G. Breeze, Essex Co....    | 10       | 2             | 38    | 111      | 13.87    | H. Poyer, Brooklyn....      | 282   | 7        | 113      | 17 | 6.65 |
| J. Stanton, Branch Brook.  | 10       | 0             | 43    | 128      | 13.80    | E. O. Challenger, B'klyn    | 153   | 3        | 70       | 10 | 7.00 |
| F. A. Cox, Manhattan....   | 9        | 1             | *40   | 110      | 13.75    | M. McHall, Branch Brook     | 552   | 15       | *22      | 41 | 7.16 |

\* Denotes "Not out."

The annual match between New York and Philadelphia Veterans was played at Prospect Park, Brooklyn, June 19, resulting in the victory of Philadelphia, 129 to 49.



## League of American Wheelmen.

*President*—W. A. Howell, Rockville, Ct. *First Vice-President*—M. M. Belding, Jr., New York City. *Second Vice-President*—H. W. Perkins, Providence, R. I. *Auditor*—Clarence W. Small, Portland, Me. *Secretary and Editor*—Abbot Bassett, 221 Columbus Avenue, Boston, Mass.

Any white person, of good character, with the indorsement of two League members, is eligible to membership. Dues are \$2 first year, and \$1 subsequent years. Associate membership, 50 cents. Life membership, \$10. Membership, 10,529.

## The Alfred Bernhard Nobel Prizes.

ALFRED BERNHARD NOBEL, the inventor of dynamite, died in Norway in 1895, leaving the residue of his fortune, estimated at about \$10,000,000, for the foundation of five annual prizes to be awarded for the most important discoveries in physics, chemistry, and physiology or medicine; for the most remarkable literary work of an idealist tendency, and for the greatest service rendered to the cause of peace during the year. The value of each prize will be about \$40,000. In addition to the prizes, provision is made for the establishment of Nobel Institutes, where researches may be carried on, and of special funds from which grants may be given to promote the objects which the founder had at heart. The benefits of the foundation are open to all nationalities and sexes. Full details can be obtained from the Board of Education, London, or the Comité Nobel Norwegian, 3 Victoria Terrasse, Christiania, Norway.

## The American National Red Cross.

INCORPORATED under the laws of the District of Columbia October 1, 1881. Reincorporated, April 17, 1893, and by special act of Congress, June 6, 1900, for the relief of suffering by war, pestilence, famine, flood, fires, and other calamities of sufficient magnitude to be deemed national in extent. The organization acts under the Geneva Treaty, the provisions for which were made in International Convention at Geneva, Switzerland, August 22, 1864, and since signed by nearly all civilized nations, including the United States, which gave its adhesion by act of Congress March 1, 1882. Ratified by the Congress of Bern June 9, 1882. Proclaimed by President Arthur July 26, 1882. Headquarters, Washington, D. C.

The officers of the American organization are: *Board of Consultation*—The President of the United States and Members of the Cabinet.

*Executive Officers*—Clara Barton, *President*; Gen. John M. Wilson, *First Vice-President*; Mrs. Gen. John A. Logan, *Second Vice-President*; Samuel W. Briggs, *Secretary*; William J. Flather, *Treasurer*; Richard Olney, *Counselor*.

## American Institute of Social Science.

ORGANIZED 1902 for social and industrial improvement, with the following officers: *President*—Josiah Strong. *Vice-Presidents*—Abram S. Hewitt and Warner Van Norden. *Director*—W. H. Tolman. *Treasurer*—Spencer Trask. *Recording Secretary*—E. A. McAlpin, Jr. *Finance Committee*—W. R. Corwin, Spencer Trask, and Warner Van Norden. The Institute consists of forty men and women, who are its governing body. Each year fifty distinguished students of social subjects may be elected collaborators for one year, and one hundred men and women who are distinguished for their public services, or who are known to be deeply interested in social and industrial betterment, may be elected for one year as associates. The Institute has established the following departments: Information, investigation, illustration, publication, legislation, lectures, training school for social secretaries, library and archives, and a department of security, personal study and research, international relations, relations with other societies. The headquarters of the Institute are at 287 Fourth Avenue, near Twenty-third Street, New York.

## Actors' Church Alliance of America.

*President*—Right Rev. Henry C. Potter, D. D., LL. D. *First Vice-President*—Joseph Jefferson. *Second Vice-President*—George D. Macintyre. *General Secretary and Organizer*—Rev. Walter E. Bentley. *Treasurer*—Mrs. MacMoran. *Members of the Council*—Rev. Thomas H. Sill, Rev. Joseph Rushon, Rev. Francis J. Clay Moran, Rev. H. M. Warren, Rev. Thomas R. Slicer, Rev. Joseph Silverman, Rev. Sidney H. Cox, Rev. George W. Shinn, D. D., Mrs. Donald McLean, Harrietta A. Keyser, Verner Clarges, William F. Owen, Kate Claxton, Edythe Totten, Rosa Rand, Mrs. Sydney Rosenfeld, Rev. J. W. Buckmaster, Milton Nobles, Harrison Gray Fiske, Myra C. Brook, Charles T. Catlin. The purpose of the Alliance is to establish closer relations between church and theatre, and ministering to members of the dramatic profession. It is established in 400 cities, and has on its rolls 1,000 chaplains. The calendars of church services of all denominations are posted in 600 theatres. Membership June 10, 1902, 2,500. The office of the General Secretary is 375 East One Hundred and Seventy-sixth Street, New York.

## Actors' Fund of America.

*President*—Al Hayman. *First Vice-President*—Daniel Frohman. *Second Vice-President*—Antonio Pastor. *Treasurer*—William Harris. *Secretary*—Frank McKee. *Assistant Secretary*—Theodore Bromley.

The Actors' Fund was established in 1882, to provide assistance for disabled and needy members of the theatrical profession, and burial for such as leave no means therefor. From organization to date of the last financial report there has been contributed to the fund, in various ways, about \$650,000, and during that time there has been expended for relief, burials, medicines, hospital charges, etc., over \$400,000. The amount of the Fund May 15, 1902, was \$220,525.45. The Actors' Fund Home, West Brighton, Staten Island, under the direction of the Actors' Fund of America, was opened May 10, 1902. This is a home for aged and needy actors and actresses. There are 20 honorary members, including ex-President Cleveland, Chauncey M. Depew, and Ignace Paderewski.

## The Stage.

BIRTHPLACES AND BIRTH YEARS OF LIVING DRAMATIC AND MUSICAL PEOPLE.

| NAME.                         | Birthplace.             | Born. | NAME.                      | Birthplace.                    | Born |
|-------------------------------|-------------------------|-------|----------------------------|--------------------------------|------|
| Adams, Maude.....             | Salt Lake City, Utah    | 1872  | Heron, Bijou.....          | New York City.....             | 1863 |
| Albani, Emma.....             | Chambly, Canada         | 1851  | Herring, Fannie.....       | London.....                    | 1831 |
| Alexander, George.....        | Reading, England.....   | 1858  | Hillard, Robert S.....     | Brooklyn.....                  | 1860 |
| Anderson, Mary.....           | Sacramento, Cal.....    | 1859  | Holland, Edmund M.....     | New York City.....             | 1845 |
| Arditi, Luigi.....            | Piedmont, Italy.....    | 1829  | Holland, Joseph Jefferson  | New York City.....             | 1829 |
| Arthur, Julia.....            | San Jose, Cal.....      | 1869  | Hopper, De Wolf.....       | Bridgeport, Ct.....            | 17-0 |
| Bancroft, Sir Squire B.....   | England.....            | 1841  | Irving, Isabel.....        | Keinton, England.....          | 1838 |
| Bancroft, Lady.....           | England.....            | 1840  | Irving, Sir Henry.....     | Toronto, Canada.....           | 1862 |
| Bandmann, Daniel E.....       | Cassel, Germany.....    | 1839  | Irwin, May.....            | Tremont, Ill.....              | 1842 |
| Bangs, Frank C.....           | Alexandria, Va.....     | 1836  | Janasuech, Francesca.....  | Prague, Austria.....           | 1830 |
| Barnabee, Henry Clay.....     | Portsmouth, N. Y.....   | 1833  | Jefferson, Joseph.....     | Philadelphia, Pa.....          | 1829 |
| Barrett, Wilson.....          | Essex, England.....     | 1846  | Karl, Tom.....             | Dublin, Ireland.....           | 1849 |
| Barron, Charles.....          | Boston, Mass.....       | 1841  | Kendal, William H.....     | London.....                    | 1843 |
| Barrymore, Maurice.....       | India.....              | 1847  | Kendal, Mrs. W. H.....     | Lincolnshire, England.....     | 1849 |
| Bateman, Isabel.....          | Cincinnati, O.....      | 1854  | Kelsey, Robert H. L.....   | London, England.....           | 1855 |
| Bateman, Kate.....            | Baltimore, Md.....      | 1843  | Kellogg, Clara Louise..... | Sumpterville, S. C.....        | 1842 |
| Belasco, David.....           | San Francisco.....      | 1862  | Lackaye, Wilton.....       | Virginia.....                  | 1852 |
| Bell, Dicky.....              | Milwaukee, Wis.....     | 1851  | Langtry, Lily.....         | St. Helens, Jersey (Eng.)..... | 1862 |
| Bellew, Kyrle.....            | London.....             | 1845  | Le Moyné, William J.....   | Boston, Mass.....              | 1831 |
| Bernhardt, Sarah.....         | Paris.....              | 1844  | Mack, Andrew.....          | Boston, Mass.....              | 1863 |
| Bispham, David.....           | Philadelphia, Pa.....   | 1857  | Mannerling, Mary.....      | London.....                    | 1876 |
| Boniface, George C.....       | New York City.....      | 1832  | Mansfield, Richard.....    | Heligoland, Germany.....       | 1857 |
| Booth, Agnes.....             | Australia.....          | 1843  | Mantell, Robert B.....     | Ayrshire, Scotland.....        | 1854 |
| Bourchier, Arthur.....        | England.....            | 1864  | Marlowe, Julia.....        | Caldbeck, England.....         | 1887 |
| Buchanan, Virginia.....       | Cincinnati, O.....      | 1846  | Martinot, Sadie.....       | Yonkers, N. Y.....             | 1866 |
| Burgess, Nell.....            | Boston, Mass.....       | 1846  | Melba, Nellie.....         | Melbourne.....                 | 1866 |
| Burroughs, Marie.....         | San Francisco.....      | 1847  | Milly, Henry.....          | London.....                    | 1859 |
| Byron, Oliver Doud.....       | Baltimore, Md.....      | 1847  | Mitchell, Maggie.....      | New York City.....             | 1832 |
| Caive, Emma.....              | Aveyron, France.....    | 1864  | Modjeska, Helena.....      | Cracow, Poland.....            | 1844 |
| Cameron, Beatrice.....        | Trov, N. Y.....         | 1868  | Mordaunt, Frank.....       | Burlington, Vt.....            | 1841 |
| Campbell, Mrs. Patrick.....   | London.....             | 1864  | Morgan, Edward J.....      | Barnes, Surrey, England.....   | 1871 |
| Carey, Eleanor.....           | Chile, S. A.....        | 1852  | Morris, Clara.....         | Toronto, Canada.....           | 1846 |
| Cayvan, Georgia.....          | Bath, Me.....           | 1858  | Morrison, Lewis.....       | Jamaica, W. I.....             | 1845 |
| Chanfrau, Mrs. F. S.....      | Philadelphia, Pa.....   | 1837  | Mouret-Sully, Jean.....    | Bergerac, France.....          | 1841 |
| Clarke, George.....           | Brooklyn, N. Y.....     | 1840  | Murphy, Joseph.....        | Brunn, N. Y.....               | 1860 |
| Clarke, Creston.....          | Philadelphia.....       | 1856  | Nethers, Orlin.....        | London.....                    | 1870 |
| Claxton, Kate.....            | London.....             | 1848  | Nilsson, Christine.....    | Wederlof, Sweden.....          | 1843 |
| Cody, William F.....          | Scott County, Iowa..... | 1845  | Nordica, Lillian.....      | Farmington, Me.....            | 1858 |
| Coghlan, Rose.....            | Peterboro, England..... | 1853  | Olcott, Chauncey.....      | Providence, R. I.....          | 1862 |
| Coquelin, Benoit C.....       | Bonlogne, France.....   | 1841  | O'Neil, James.....         | Ireland.....                   | 1849 |
| Crabtree, Lotta.....          | New York City.....      | 1847  | Paderewski, Ignace J.....  | Poland.....                    | 1860 |
| Crane, William H.....         | Leicester, Mass.....    | 1845  | Palmer, Albert M.....      | North Stonington, Ct.....      | 1838 |
| Daly, Dan.....                | Boston, Mass.....       | 1863  | Pastor, Tony.....          | New York City.....             | 1837 |
| Damrosch, Walter J.....       | Breslau, Prussia.....   | 1862  | Patt, Adeline.....         | Madrid.....                    | 1843 |
| Daniels, Frank.....           | Boston, Mass.....       | 1860  | Phillips, A.olph.....      | Lunbeck, Germany.....          | 1866 |
| Davis, Jessie Barrett.....    | Morris, Ill.....        | 1849  | Plympton, Eben.....        | Boston, Mass.....              | 1850 |
| D'Arville, Camille.....       | Holland.....            | 1863  | Powers, James T.....       | New York City.....             | 1862 |
| De Belleville, Frederic.....  | Belgium.....            | 1853  | Rankin, A. McKee.....      | Sandwich, Canada.....          | 1844 |
| De Merode, Cleo.....          | Paris.....              | 1874  | Ravelle, Hamilton.....     | Madrid.....                    | 1869 |
| De Reszke, Edouard.....       | Warsaw, Poland.....     | 1855  | Rehan, Ads.....            | Limerick, Ireland.....         | 1860 |
| De Reszke, Jean.....          | Warsaw, Poland.....     | 1850  | Rejane, Gabrielle.....     | Paris, France.....             | 1857 |
| De Wolfe, Elsie.....          | New York City.....      | 1865  | Robson, Stuart.....        | Annapolis, Md.....             | 1836 |
| Dickinson, Anna.....          | Philadelphia, Pa.....   | 1842  | Roze, Marie.....           | Paris.....                     | 1846 |
| Dixey, Henry E.....           | Boston, Mass.....       | 1859  | Russell, Annie.....        | New York City.....             | 1864 |
| Dodson, John E.....           | London.....             | 1853  | Russell, Lillian.....      | Clinton, N. Y.....             | 1857 |
| Drew, John.....               | Philadelphia, Pa.....   | 1838  | Russell, Sol Smith.....    | Brunswick, Me.....             | 1848 |
| Duse, Eleonora.....           | Vigevano, Italy.....    | 1861  | Salvini, Tommaso.....      | Milan, Italy.....              | 1830 |
| Eames, Emma Hayden.....       | Shanghai, China.....    | 1868  | Sanderson, Sybil.....      | Sacramento, Cal.....           | 1869 |
| Earle, Virginia.....          | New York City.....      | 1873  | Seabrooke, Thomas Q.....   | Mt. Vernon, N. Y.....          | 1860 |
| Edeson, Robert.....           | Baltimore, Md.....      | 1865  | Sembrich, Marcella.....    | Lemberg, Austria.....          | 1858 |
| Elliott, Maxine.....          | Rockland, Me.....       | 1872  | Skinner, Otis.....         | Cambridgeport, Mass.....       | 1857 |
| Elliser, Edie.....            | Philadelphia, Pa.....   | 1858  | Smith, Mark.....           | Mobile, Ala.....               | 1855 |
| Eytinge, Rose.....            | Philadelphia, Pa.....   | 1837  | Sorma, Agnes.....          | Germany.....                   | 1865 |
| Faversham, William.....       | England.....            | 1868  | Sothern, Edward H.....     | England.....                   | 1864 |
| Fawcett, Owen.....            | London.....             | 1838  | Souza, John Philip.....    | Washington.....                | 1851 |
| Fiske, Minnie Maddern.....    | London.....             | 1865  | Stanhope, Adelaide.....    | Paris, France.....             | 1858 |
| Florence, Mrs. William J..... | New York City.....      | 1846  | Stevenson, Charles A.....  | Dublin, Ireland.....           | 1850 |
| Fox, Della.....               | St. Louis, Mo.....      | 1871  | Stoddart, James H.....     | Yorkshire, England.....        | 1837 |
| Frohman, Charles.....         | Sandusky, O.....        | 1858  | Studley, John B.....       | Boston, Mass.....              | 1822 |
| Frohman, Daniel.....          | Sandusky, O.....        | 1850  | Tearle, Osmond.....        | Plymouth, England.....         | 1862 |
| George, Grace.....            | New York City.....      | 1850  | Templeton, Fay.....        | Savannah.....                  | 1861 |
| Gernon, Effie.....            | Augusta, Ga.....        | 1845  | Terry, Ellen.....          | Coventry, England.....         | 1848 |
| Gerster, Etelka.....          | Kaschau, Hungary.....   | 1857  | Thompson, Denman.....      | Girard, Pa.....                | 1831 |
| Gilbert, Mrs. George H.....   | Rochdale, England.....  | 1821  | Thompson, Lydia.....       | London.....                    | 1838 |
| Gilbert, William S.....       | London.....             | 1836  | Thursby, Emma.....         | Brooklyn, N. Y.....            | 1833 |
| Gillette, William.....        | Hatfield, Ct.....       | 1833  | Toole, John L.....         | England.....                   | 1833 |
| Goodwin, Nat C.....           | Boston, Mass.....       | 1857  | Tree, Beerbohm.....        | England.....                   | 1846 |
| Hackett, James K.....         | Canada.....             | 1869  | Tynan, Brandon.....        | Dublin, Ireland.....           | 1879 |
| Hadding, Jane.....            | Marseilles, France..... | 1861  | Vezi, Hermann.....         | Philadelphia, Pa.....          | 1829 |
| Hammerstein, Oscar.....       | Berlin, Germany.....    | 1847  | Walcot, Charles.....       | New York City.....             | 1840 |
| Hare, John.....               | London.....             | 1844  | Walsh, Blanche.....        | New York City.....             | 1873 |
| Harned, Virginia.....         | Boston, Mass.....       | 1868  | Ward, Genevieve.....       | New York City.....             | 1838 |
| Harrigan, Edward.....         | New York City.....      | 1845  | Ward, Frederick.....       | Washington, England.....       | 1851 |
| Harrison, Maud.....           | England.....            | 1858  | Ward, Edward S.....        | Brighton, England.....         | 1833 |
| Huse, Minnie.....             | New Orleans, La.....    | 1863  | Wilson, Francis.....       | Philadelphia, Pa.....          | 1865 |
| Haworth, Joseph S.....        | Providence, R. I.....   | 1856  | Wyndham, Charles.....      | England.....                   | 1841 |
| Held, Anna.....               | Paris.....              | 1873  | Yeasman, Annie.....        | Ile of Man.....                | 1836 |
| Herbert, Victor.....          | Dublin, Ireland.....    | 1860  |                            |                                |      |

The Stage in New York City, 1902.

A RECORD OF IMPORTANT NEW PLAYS AND REVIVALS FROM NOVEMBER 16, 1901, TO NOVEMBER 15, 1902.

- Or the plays running on November 16, 1901, recorded in last year's ALMANAC, "A Royal Rival" was played 107 times at the Criterion; "The Second in Command," 136 times at the Empire; "The Messenger Boy," 129 times at Daly's; "Im Lande von Freiheit," 111 times at the Germania; "The Auctioneer," 105 times at the Bijou; "Miranda of the Balcony," 63 times at the Manhattan; "The Liberty Bells," 106 times at the Madison Square; "A Message from Mars," 167 times at the Garrick; "The New Yorker," 65 times at the Herald Square; "If I were King," 54 times at the Garden; "The Little Duchess," 123 times at the Casino; "New England Folks," 66 times at the Fourteenth Street; "Elen Hohlen," 52 times at the Savoy; "The Way of the World," 28 times at the Victoria and 48 times at the Savoy, a total of 86 times; "The Sleeping Beauty and the Beast," 245 times at the Broadway; "Quality Street," 59 times at the Knickerbocker; and "Under Southern Skies," 73 times at the R-Republic. "Florodora" ended its run at the New York on January 25, after 122 performances, and was then played 43 times at the Winter Garden by another company, from January 27 to March 8. The record of the play was 547 performances, of which the first 377 were at the Casino. (R.) Revival.
- Nov. 18, 1901—Wallack's: "Colorado," 48 times.  
 Nov. 25—Manhattan: "The Unwelcome Mrs. Hatch," 68 times.  
 Nov. 26—Irving Place: "Flaschmann als Erzieher," 2 weeks.  
 Dec. 2—Criterion: "The Helmet of Navarre," 24 times.  
 Dec. 2—Herald Square: "Beaucaire," 56 times.  
 Dec. 3—Garden: "Alice of Old Venice," 64 times.  
 Dec. 4—Lyceum: "The Girl and the Judge," 127 times.  
 Dec. 10—Victoria: "The Marriage Game," 20 times.  
 Dec. 10—Irving Place: "Die Bluthochzeit," 1 week.  
 Dec. 16—Savoy: "D'Arcy of the Guards," 52 times.  
 Dec. 16—Fourteenth Street: (R.) "Up York State," 48 times.  
 Dec. 18—Irving Place: "Die Heirathsmarkt," 2 weeks.  
 Dec. 23—Empire: "The Wilderness," 80 times.  
 Dec. 24—Winter Garden: "The Supper Club," 40 times.  
 Dec. 25—Criterion: "Du Barry," 163 times.  
 Dec. 30—Wallack's: "A Gentleman of France," 121 times.  
 Dec. 30—Madison Square: "Sweet and Twenty," 48 times.  
 Dec. 30—Irving Place: "Ein Glueckliches Paar," 5 times.  
 Dec. 31—Germania: "Der Teufel ist Los," 71 times.  
 Dec. 31—Victoria: (R.) "Francesca da Rimini," 47 times.  
 Jan. 2, 1902—Weber & Fields: "The Curl and the Judge," 117 times.  
 Jan. 6—Knickerbocker: "The Toreador," 121 times.  
 Jan. 7—Daly's: "A Frocks and Frills," 55 times.  
 Jan. 7—Irving Place: "Die Colligny," 1 week.  
 Jan. 8—Madison Square: (R.) "Les Romanesques," in part, 37 times.  
 Jan. 13—Republic: (R.) "Magda," 5 times.  
 Jan. 14—Irving Place: "Zwei Eisen im Feuer," 3 times.  
 Jan. 16—Republic: (R.) "The Second Mrs. Tanqueray," 6 times.  
 Jan. 18—Republic: "Beyond Human Power," 2 times.  
 Jan. 20—R-Republic: (R.) "The Notorious Mrs. Ebb Smith," 1 week.  
 Jan. 21—Irving Place: "Der Ausflug in's Sittliche," 1 week.  
 Jan. 22—Manhattan: "A Bit of Old Chelsea," 5 times.  
 Jan. 24—Republic: "Mariana," 2 times.  
 Jan. 27—Bijou: "Lady Margaret," 32 times.  
 Jan. 27—Garden: "Mald Marlan," 57 times.  
 Jan. 27—Herald Square: "Dolly Varden," 156 times.  
 Jan. 28—Manhattan: "The Hon. John Grigsby," 28 times.  
 Jan. 28—Victoria: "Pelles and Mellaude," 2 times.  
 Jan. 29—Irving Place: "Hoppial Vater Siekt's ja Nicht," 18 times.  
 Feb. 3—Republic: "Joan of the Shoals," 8 times.  
 Feb. 3—Academy of Music: (R.) "Under Two Flags," 96 times.  
 Feb. 10—Casino: "Miss Simplicity," 57 times.  
 Feb. 17—Fourteenth Street: "Foxy Grandpa," 122 times.  
 Feb. 24—Manhattan: "Her Lord and Master," 69 times.  
 Feb. 24—Bijou: (R.) "The Climbers," 37 times.  
 Feb. 26—Daly's: "Notre Dame," 45 times.  
 Feb. 28—Irving Place: "Die Wilddieben," 1 week.  
 Feb. 29—Republic: (R.) "As You Like It," 60 times.  
 March 3—Empire: "The Two Sisters," 48 times.  
 March 4—Irving Place: "Die Macht der Finsterniss," 2 times.  
 March 6—Irving Place: "Die Zaertlichen Verwandten," 3 times.  
 March 13—Weber & Fields: "Du Hurry," 40 times.  
 March 14—Irving Place: (R.) "Iphigenie auf Tauris," 3 times.  
 March 15—Winter Garden: "The Belle of Broadway," 2 weeks.  
 March 17—Savoy: "Soldiers of Fortune," 89 times.  
 March 17—Garrick: "Sky Farm," 43 times.  
 March 18—Irving Place: "Der Schlafwagen-Controleur," 1 week.  
 March 20—Madison Square: "The Diplomat," 76 times.  
 March 29—Bijou: "A Modern Magdalen," 74 times.  
 March 31—Garden: "Life," 1 week.  
 April 3—Irving Place: "Die Rauber," 2 times.  
 April 9—Irving Place: "Kean," 1 time.  
 April 11—Irving Place: "Kiwito," 1 time.  
 April 14—Wallack's: (R.) "The Last Appeal," 24 times.  
 April 14—Empire: (R.) "The Importance of Being Earnest," 57 times.  
 April 16—Irving Place: "Die Tochter Fabricien," 1 time.  
 April 21—Irving Place: "Die Fee Caprice," 1 time.  
 May 1—Irving Place: "Die Kote Kothe," 1 time.  
 May 5—Wallack's: "The Show Girl," 71 times.  
 May 5—Knickerbocker: "The Wild Rose," 119 times.  
 May 6—Manhattan: (R.) "Teas of the Durbervilles," 20 times.  
 May 12—Garrick: "Hearts Aflame," 1 week.  
 May 12—Daly's: "King Dodo," 63 times.  
 May 19—Garrick: (R.) "The Lady of Lyons," 1 week.  
 May 21—Manhattan: (R.) "A Doll's House," 2 times.  
 May 26—Manhattan: (R.) "Divorcens" and "Little Italy," 50 times.  
 June 2—Casino: "A Chinese Honeymoon," still running.  
 June 2—Garrick: (R.) "The Hunchback," 4 times.  
 June 5—New York: "The Chaperons," 28 times; Cherry Blossom Grove, 32 times—60 times.  
 June 5—Garrick: (R.) "Frou-Frou," 4 times.  
 July 3—Herald Square: "The Defender," 62 times.  
 Aug. 7—Academy of Music: "Quincy Adama Sawyer," 37 times.  
 Aug. 18—Fourteenth Street: "Robert Emmet," 81 times.  
 Aug. 25—Garrick: "The New Clown," 21 times; Madison Square, 14 times.  
 Aug. 29—Broadway: "Sally in our Alley," 68 times.  
 Aug. 30—Savoy: (R.) "Soldiers of Fortune," 41 times.  
 Sept. 1—Knickerbocker: "The Rogers Brothers at Harvard," 63 times.  
 Sept. 1—Herald Square: "The Emerald Isle," 50 times.  
 Sept. 2—Wallack's: "Mrs. Jack," 39 times; Victoria, 32 times.  
 Sept. 4—Empire: "The Mummy and the Humming Bird," still running.  
 Sept. 6—New York: "King High Ball," 32 times.  
 Sept. 8—Manhattan: "Captain Molly," 21 times.  
 Sept. 8—Bijou: (R.) "Hearts Aflame," 48 times.  
 Sept. 8—Academy of Music: (R.) "Robin Hood," 24 times.  
 Sept. 11—Weber & Fields: "Twirly-Whirly," still running.  
 Sept. 15—Garden: "There's Many a Slip," 40 times.  
 Sept. 16—Garden: "Aunt Jeannie," 30 times.  
 Sept. 22—Daly's: "The Country Girl," still running.  
 Sept. 23—Criterion: "Iris," still running.  
 Sept. 29—Manhattan: "A Rose of Plymouth Town," 21 times.  
 Sept. 29—Belasco's: (R.) "Du Barry," still running.  
 Sept. 30—Madison Square: "The Two Schools," still running.  
 Oct. 2—Garrick: "At the Telephone," 20 times.  
 Oct. 2—Irving Place: "Jugend von Heute," 2 times.  
 Oct. 6—Savoy: "Cicots" and "The Country Mouse," still running.  
 Oct. 6—Wallack's: "The Sword of the King," still running.  
 Oct. 6—Princes: "The Night of the Party," still running.  
 Oct. 6—Irving Place: "Ueber Unser Kraft," 2 times.  
 Oct. 7—Academy of Music: "The Ninety and Nine," still running.  
 Oct. 8—Garden: (R.) "The Second Mrs. Tanqueray," 15 times.  
 Oct. 13—Mendelssohn Hall: "Everyman," 30 times.  
 Oct. 13—Murray Hill: "In the Midst of Life," 2 times.  
 Oct. 14—Irving Place: "Der Liebescontract" and "Termette," 2 times.  
 Oct. 20—Bijou: "An American Invasion," 24 times.  
 Oct. 20—American: "Private John Allen," 2 times.  
 Oct. 20—Herald Square: (R.) "The Only Way," 14 times.  
 Oct. 20—Garrick: (R.) "His Excellency the Governor," 15 times.  
 Oct. 21—Mrs. Osborn's: "Tommy Rot," still running.  
 Oct. 23—Irving Place: "Alt Heidelberg," 2 times.  
 Oct. 23—Garden: "The Joy of Living," 16 times.  
 Oct. 27—Fourteenth Street: "Old Limerick Town," still running.  
 Oct. 27—American: "The Judgment of King Solomon," 2 times.  
 Oct. 27—Broadway: "The Silver Shipper," still running.  
 Nov. 3—Herald Square: "The Children of Kings," still running.  
 Nov. 3—Garden: "The Stubbornness of Geraldine," still running.  
 Nov. 4—Victoria: "La Gioconda," 2 times.  
 Nov. 6—Weber & Fields: "Humming Birds and Ontons," still running.  
 Nov. 7—Victoria: "La Citta Morta," 2 times.

**PROFESSIONAL AND NON-PROFESSIONAL NAMES OF SOME ACTORS AND  
DRAMATISTS OF THE DAY AND OF EARLIER TIMES.**

| PROFESSIONAL NAME       | REAL NAME.               | PROFESSIONAL NAME      | REAL NAME.                 | PROFESSIONAL NAME         | REAL NAME.                               |
|-------------------------|--------------------------|------------------------|----------------------------|---------------------------|------------------------------------------|
| Abbott, Emma.....       | Wetherell, Mrs. Eugene.  | Conway, Minnie ...     | Tearle, Mrs. Osmond.       | Herdon, Agnes....         | Jessel, Mrs. Jos. A. Ahern, James.       |
| Adams, Maude.....       | Kirkcaldy, Maude.        | Corinne.....           | Flaherty, Corinne Kimball. | Heron, Bijou.....         | Miller, Mrs. Henry.                      |
| Adams, Susanne....      | Stern, Mrs. Leo.         | Courtleigh, William    | Flynn, William.            | Heron, Matilda....        | Stoepel, Mrs. Hobt.                      |
| Albahl, Mme.....        | Gye, Mrs. Ernest.        | Crosman, Henrietta     | Campbell, Mrs. Maurice.    | Hill, Caroline....        | Kelsey, Mrs. Herbert                     |
| Alexander, George..     | Sampson, George A. Gibb. | Curtis, M. B.....      | Skelenger, Samuel.         | Hodson, Henrietta..       | Lalouchere, Mrs. Henry.                  |
| L'Allemaud, Pauline     | Elassser, Pauline.       | Dacre, Arthur.....     | James, Arthur.             | Homer, Mme. Louise        | Homer, Mrs. Sidney.                      |
| Allen, Louise.....      | Collier, Mrs. Wm.        | D'Arville, Camille.    | Crellen, Mrs. W. D.        | Hope, Eric.....           | Yarmouth, Earl of.                       |
| Anderson, Sarah....     | Bearnstein, Mrs. Joseph. | Davenport, Fannie.     | McDowell, Mrs. Melville.   | Irish, Annie.....         | Dodson, Mrs. J. E.                       |
| Archer, Frank....       | Arnold, Frank B.         | Davis, Jessie Bartlett | Davis, Mrs. W. J.          | Irving, Sir Henry....     | Brodrick, J. Henry                       |
| Armstrong, Sydney       | Wells, Miss.             | De Mar, Carrie....     | Hart, Mrs. Joseph.         | Irving, Isabel.....       | Thompson, Mrs. W. H.                     |
| Arnoldson, Mme. Sigrid. | Fischof, Mme. J.         | De Mer, Albina....     | Curtis, Mrs. M. B.         | Irwin, Beatrice....       | Simon, Beatrice.                         |
| Arthur, Joseph.....     | Smith, Arthur F.         | De Silva, N.....       | Harvey, Mrs. Martin.       | Irwin, May.....           | Keller, Mrs.                             |
| Arthur, Julia.....      | Cheney, Mrs. Benjamin P. | Deutsch, Florence.     | Bernard, Mrs. Sam.         | James, David.....         | Belasco, David J.                        |
| Ashley, Minnie....      | Sheldou, Mrs.            | Devere, George P..     | Smith, George.             | Janisch, Mme.....         | D'Arco, Countess.                        |
| Atherton, Alice....     | Edouin, Mrs. Willie.     | Dickson, Charles....   | Doblin, Charles.           | Jansen, Marie....         | Key, Mrs. Barton.                        |
| Aitrod, Dorothea..      | Irving, Mrs. Henry B.    | Dillon, Louise....     | Dillon, Mrs. John.         | Januschek, Mme.           | Stuart, Mrs.                             |
| Barrett, Lawrence..     | Brannagan, L. W.         | Dockstader, Lew..      | Clapp, Geo. Alfred.        | Januschowsky, George von. | Neuendorf, Frau Ad.                      |
| Barrington, Rutland     | Fleet, Geo. Rutland.     | Dorr, Dorothy....      | Dunn, Mrs. Henry J. W.     | Jarbeau, Verona...        | Bernstein, Mrs. Jefferson.               |
| Barry, Mrs. Thomas      | Redmond, Mrs. Wm.        | Dressler, Marie....    | Kerber, Leila.             | Jeffreys-Lewis, Ida.      | Mainhall, Mrs. H.                        |
| Barrymore, Maurice      | Bythe, Herbert.          | Dubin, Maud.....       | Skinner, Mrs. Otis.        | Jones, Mrs. W. G....      | Deau, Mrs. Benj.                         |
| Beere, Mrs. Bernard     | Olivier, Mrs. H.C.S.     | Duse, Eleanora....     | Cecci, Signora.            | Karl, Tom.....            | Carroll, Thomas.                         |
| Berg, Ellen.....        | Edeson, Mrs. Robt.       | Eames, Emma....        | Story, Mrs. Julian.        | Keene, Laura.....         | Taylor, Mrs.                             |
| Bergen, Nellie....      | Hopper, Mrs. De Wolf.    | Edgar, George....      | Biddle, Geo. Edgar.        | Keene, Thomas W..         | Eagleson, Thos. W.                       |
| Beruhart, Sarah...      | Damala, Mme.             | Edwards, Eugenie..     | Herman, Mrs. Henry         | Kellogg, Clara L.         | Strakosch, Mrs. C. Louise.               |
| Berold, Judith....      | Marshall, Mrs. Ed.       | Elliott, Gertrude..    | Robertson, Mrs. J. P.      | Kendal, William H.        | Grimston, W. H.                          |
| Betrom, Helen....       | Burt, Lulu May.          | Elliot, Maxine....     | Goodwin, Mrs. Nat.C.       | Kendal, Mrs. W. H.        | Lombard, Mrs. W. H.                      |
| Bilton, Belle.....      | Clancarty, Countess of.  | Ellisor, Effie....     | Weston, Mrs. Frank.        | Kennark, Jane....         | Oltman, Mrs. Chas.                       |
| Bingham, Amelia..       | Bingham, Mrs. Lloyd      | Elmore, Marion....     | Losee, Mrs. Frank.         | Kinball, Jennie...        | Flaherty, Mrs. Jennie.                   |
| Blair, Eugenie....      | Downing, Mrs. Eugenia.   | Emerson, Billy....     | Redmond, William.          | Knight, George S..        | Sloan, George.                           |
| Blanchard, Kitty..      | Rankin, Mrs. McKee       | Emery, Winifred..      | Emery, Cyril.              | Langtry, Mrs.....         | De Bathe, Mrs. Hugo G.                   |
| Blauvelt, Lillian..     | Pendleton, Mrs. W. F.    | Ethel, James....       | Rosslyn, Earl of.          | Larkelle, Nellie...       | Colligan, Mrs. Geo. E.                   |
| Bloodgood, Clara..      | Lalimbeer, Mrs. Wm.      | Eytinge, Rose....      | Tracy, Mrs.                | La Vallée, Anna...        | McCoy, Mrs. Gilbert.                     |
| Bonfanti, Mlle....      | Hoffman, Mrs.            | Farron, Nellie....     | Soutar, Mrs. Robt.         | Layton, Helen....         | Stephens, Mrs. Yorkie                    |
| Bonchill, Bessie...     | Seely, Mrs. Wm.          | Faucit, Helen....      | Martin, Lady.              | Lee, Jennie.....          | Burnett, Mrs. J. P.                      |
| Boo-h. Agnes....        | Schoeffel, Mrs. John     | Fenton, Mabel....      | Ross, Mrs. Chas. J.        | Lehman, Lill.....         | Kalisch, Mme. Paul.                      |
| Boutin, Rachel....      | Powers, Mrs. Jas. T.     | Fetter, Selina....     | Royle, Mrs. Edwin Milton.  | Le Moyne, Sarah           | De Moyne, Mrs. William J.                |
| Braham, Leonora..       | Young, Mrs. Duncan.      | Filkis, Grace....      | Marix, Mrs. Adolph.        | Cowell.                   | Winter, Mrs. W. J.                       |
| Buckingham, Fannie      | Pettitt, Mrs.            | Firman, Annie....      | Jack, Mrs. John.           | Leslie, Elsie.....        | Parr, Mrs. John.                         |
| Louise.                 |                          | Fisher, Alice....      | Har-court, Mrs. Wm.        | Lewis, Ada.....           | Donald, Mrs.                             |
| Bufo Bill.....          | Cody, William F.         | Fiske, Minnie Mad-     | Fiske, Mrs. Harrison Gray. | Lewis, Lillian....        | Marston, Mrs. Laurence.                  |
| Burroughs, Marie..      | Macpherson, Mrs. R. B.   | Flourence, William     | Conlin, William J.         | Lipman, Clara....         | Bankson, Mrs. J. W.                      |
| Burt, Laura.....        | Stanford, Mrs. Henry B.  | Fox, Delia....         | Mrs. Levy.                 | Loftus, Cecilia....       | Mann, Mrs. Louis.                        |
| Burton, Blanche..       | Standing, Mrs. Guy.      | Furniss, Maud....      | Dow, Mrs. Alexander        | Logan, Celia.....         | McCarthy, Marie Cecilia.                 |
| Busley, Jessie....      | Mantell, Mrs. Wm.        | Gadski, Mme....        | Tauscher, Mme.             | Losee, Frank.....         | Losee, Mrs. N.                           |
| Butt, Clara.....        | Rumford, Mrs. Kennerly.  | Gannon, Mary....       | Stephenson, Mrs. G. W.     | Lotta.....                | Crabtree, Charlotte.                     |
| Byron, Oliver....       | Doud, Oliver B.          | George, Grace....      | Brady, Mrs. W. A.          | Lucca, Pauline....        | Walhofen, Baroness von.                  |
| Cameron, Beatrice.      | Mansfield, Mrs. Richard. | Gerard, Florence..     | Abbey, Mrs. H. E.          | Lucette, Madeline.        | Ryley, Mrs. J. H.                        |
| Cameron, Violet..       | De Bensande, Mrs.        | Gerster, Etelka..      | Gardini, Mrs. Dr.          | MacLean, R. D....         | Shpherd, Rezin D.                        |
| Careno, Mme. Teresa     | Tagliapietra, Mme.       | Girard, Bettina..      | Schuyler, Mrs.             | Macnichol, Lizzie..       | Reitz, Mrs. Elizabeth.                   |
| Cavendish, Ada....      | Marshall, Mrs. Frank     | Gotthold, J. Newton    | Gotthold, Isaac.           | Madden, Emma....          | Stevens, Mrs. R. E.                      |
| Celeste, Mme.....       | Elliott, Celeste.        | Graham, Robert E.      | McGee, Robert E.           | Manning, Mary...          | Hackett, Mrs. J. H.                      |
| Clayton, Estelle..      | Cooper, Mrs. S. E.       | Granger, Maude..       | Baxter, Mrs. W. R.         | Mantelli, Mme. Eugenie.   | De Anicis, Mrs.                          |
| Coe, Isabelle....       | McKee, Mrs. Frank.       | Granville, Gertie..    | Hart, Mrs. Tony.           | Mantell, Robert B.        | Hudson, Robert.                          |
| Compton, Miss....       | Carton, Mrs. R.C.        | Gray, Ada.....         | Tingay, Mrs. Chas. F.      | Marchesi, Mme....         | Castrone, Marquise de la Rejaude.        |
| Carvalho, Mme....       | Miolan, Caroline Marie.  | Grisi, Giulia....      | De Meley, Mme. Augusto.    | Marchesi, Blanche.        | Accaciami, Baroness A. Smith, Katherine. |
| Cavalazzi, Mme....      | Mpleson, Mrs. Chas.      | Grubb, Lillie....      | Hayman, Mrs. David         | Marco, Signora            | Katerina.                                |
| Carter, Mrs. Leslie.    | Dudley, Louise.          | Hading, Jane....       | Koning, Mme. Victor        | Markham, Pauline.         | Markham, Pauline.                        |
| Carton, Richard....     | Critchett, Richard       | Hall, Pauline....      | White, Mrs. Frank.         | Marlowe, Julia....        | Martino, Sadie....                       |
| Cecil, Arthur....       | Claude.                  | Hanley, Emma....       | Allen, Mrs. Louise.        | Martinet, Sadie....       | Martinet, Sadie....                      |
| Claude, Toby.....       | Bloch, Arthur.           | Hare, John.....        | Fair, John.                | Materna, Mme....          | Materna, Mme....                         |
| Claxton, Kate....       | Stevenson, Mrs. Charles. | Harned, Virginia.      | Sothorn, Mrs. Edward H.    | Mather, Margaret..        | Mather, Margaret..                       |
| Clayton, Bessie...      | Mitchell, Mrs. Julia.    | Harrison, Alice...     | Metz, Alice.               | May, Edna.....            | Titus, Mrs. Fred'k.                      |
| Coghlan, Rose....       | Sullivan, Mrs. John.     | Harrison, Louis...     | Metz, Louis.               |                           |                                          |
| Coban Josephine..       | Niblo, Mrs. Fredk.       | Hart, Senator Bob.     | Sutherland, J. M.          |                           |                                          |
| Collins, Lottie...      | Comey, Mrs. S. P.        | Hart, Tony.....        | Cannon, Anthony.           |                           |                                          |
| Comstock, Nannette      | Burbeck, Mrs. Frank.     | Haslam, Maud....       | Groom, Mrs. Samuel.        |                           |                                          |
| Conway, H. B.....       | Coulson, H. B.           | Hastrotter, Helene.    | Burgunzolo, Signora.       |                           |                                          |
|                         |                          | Hauk, Minnie....       | Wartegg, Frau von Hesse.   |                           |                                          |
|                         |                          | Hawkins, Etta....      | Morris, Mrs. Wm.           |                           |                                          |
|                         |                          | Heath, Caroline...     | Barrett, Mrs. Wilson.      |                           |                                          |
|                         |                          | Heid, Anna.....        | Ziegfeld, Mrs. Florence.   |                           |                                          |
|                         |                          | Henderson, Grace..     | Henderson, Mrs. D.         |                           |                                          |

THE STAGE—Continued.

| PROFESSIONAL NAME       | REAL NAME.                          | PROFESSIONAL NAME          | REAL NAME.              | PROFESSIONAL NAME          | REAL NAME.                                  |
|-------------------------|-------------------------------------|----------------------------|-------------------------|----------------------------|---------------------------------------------|
| McCall, Lizzie.....     | Lennon, Mrs. Nestor.                | Prescott, Marie.....       | Pertzel, Julia.....     | Stuart, Julia.....         | Mackay, Mrs. Ed.                            |
| McDonald, Christie.     | Jefferson, Mrs. W. V.               | Prince, Adelaide.....      | Stuart, Cosmo.....      | Stuart, Cosmo.....         | Lennox, Cosmo C. G.                         |
| Mearor, Adele.....      | Buckstone, Mrs. J. C.               | Rachel, Mlle.....          | Stuart, Leslie.....     | Stuart, Leslie.....        | Barrett, T. A.                              |
| Melba, Mme.....         | Armstrong, Mrs. N.                  | Raleigh, Cecil.....        | Sully, Daniel.....      | Sully, Daniel.....         | Sullivan, Daniel.                           |
| Mestayer, Wm. A.....    | Hoppe, William.                     | Raakin, Phyllis.....       | Sutherland, Anne.....   | Sutherland, Anne.....      | Hartley, Mrs. Fred.                         |
| Millard, Evelyn.....    | Coulter, Mrs. Rob't P.              | Raymond, John T.....       | Swain, Carrie.....      | Swain, Carrie.....         | Gardner, Mrs. Carrie.                       |
| Miskel, Caroline.....   | Hoyt, Mrs. Chas. (2)                | R-han, Ada.....            | Tempest, Marie.....     | Tempest, Marie.....        | Stuart, Mrs. Cosmo.                         |
| Mitchell, Maggie.....   | Abbott, Mrs. Chas.                  | Reignolds, Kate.....       | Temple, Rose.....       | Temple, Rose.....          | Jones, Mrs. J. H.                           |
| Modjeska, Mme.....      | Chlapowski, Countess Chas. Bogzeta. | Rejane, Mme.....           | Terriss, Ellaline.....  | Terriss, Ellaline.....     | Hicks, Mrs. Seymour                         |
| Montague, Henry J.      | Mann, Harry J.                      | Rice, Fannie.....          | Terriss, William.....   | Terriss, William.....      | Lewin, Arthur.                              |
| Moody, Mme. Fanny       | Mansergh, Mrs. Southcote.           | Ristori, Adelaide.....     | Terry, Ellen.....       | Terry, Ellen.....          | Wardell, Mrs. E. A.                         |
| Moore, Eva.....         | Esmond, Mrs. H. V.                  | Roberts, Florence.....     | Theo, Mme.....          | Theo, Mme.....             | Piccolo, Cecilie.                           |
| Moore, Mary.....        | Albert, Mrs. James.                 | Robertson, Agnes.....      | Thompson, Lydia.....    | Henderson, Mrs. Alexander. | Henderson, Mrs. Alexander.                  |
| Mordant, Frank.....     | Marykam, Francis.                   | Robson, May.....           | Tiffany, Annie Ward     | Tiffany, Annie Ward        | Green, Mrs. Chas. H.                        |
| Morris, Clara.....      | Harriott, Mrs. F. C.                | Rosevelt, Blanche          | Tree, Henry Beer-       | Tree, Henry Beer-          | Birnbaum, Henry.                            |
| Mulle, Marie.....       | Bell, Mrs. Alex. M.                 | Rorke, Kate.....           | Truax, Sarah.....       | Truax, Sarah.....          | Post, Mrs. Guy                              |
| Murray, Alma.....       | Forman, Mrs. Alfred                 | Rosey, Marie.....          | Tyler, Odette.....      | Tyler, Odette.....         | Bates.                                      |
| Murray, Dominick.       | Maguire, Francis.                   | Roselle, Amy.....          | Ulmar, Geraldine.....   | Ulmar, Geraldine.....      | MacLean, Mrs. R. D.                         |
| Murska, Irma d'.....    | Hill, Mrs.                          | Russell, Mme. Ella         | Valda, Mme. Giulia      | Valda, Mme. Giulia         | Carroll, Mrs. Ivan.                         |
| Neilson, Adelaide.....  | Lee, Mrs. Philip H.                 | Russell, Lillian.....      | Vanbrugh, Violet.....   | Vanbrugh, Violet.....      | Cameron, Mrs. Julia.                        |
| Neilson, Julia.....     | Terry, Mrs. Fred'k.                 | St. John, Florence.....    | Vane, Helen.....        | Vane, Helen.....           | Bourchier, Mrs. Arthur.                     |
| Neruda, Norman, Mm.     | Halle, Lady.                        | Sauderson, Sybil.....      | Vassar, Queenie.....    | Vassar, Queenie.....       | Snyder, Mrs. Chas.                          |
| Nevada, Emma.....       | Palmer, Mrs.                        | Scalchi, Mme.....          | Venich, Teresa.....     | Venich, Teresa.....        | Cawthorn, Mrs. Jos.                         |
| Nilsson, Christine..... | Miranda, Countesa                   | Schumann-H e i n k         | Venn, Topsy.....        | Venn, Topsy.....           | Mestayer, Mrs. W. A.                        |
| Nobles, Miss Dolly.     | Nobles, Mrs. Milton                 | Schumme, H e i n k         | Vokes, Rosina.....      | Vokes, Rosina.....         | Cornell, Mrs. E. J.                         |
| Nordica, Mme.....       | Dome Mme. Zoltan.                   | Sembrich, Mme.....         | Walsh, Flora.....       | Walsh, Flora.....          | Clay, Mrs. Cecil.                           |
| Ocott, Chaucery.....    | Olcott, Chanceller J.               | Shannon, Joseph W.         | Ward, Fannie.....       | Ward, Fannie.....          | Hoyt, Mrs. Chas. (1)                        |
| O'Neil, Anne.....       | Miner, Mrs. H. C.                   | Shannon, Lavinia.....      | Ward, Genevieve.....    | Ward, Genevieve.....       | Lewis, Mrs. Samuel.                         |
| Olphrey, May.....       | Grossmith, Mrs. W.                  | Shaw, Amelia.....          | Waring, Herbert.....    | Waring, Herbert.....       | Guerbel, Countess.                          |
| Palmer, Minnie.....     | Rogers, Mrs. John R.                | Spong, Hilda.....          | Warren, Lavinia.....    | Warren, Lavinia.....       | Ratty, Herbert W.                           |
| Patti, Adelina.....     | Cedarstern, Baroness R.             | Stanhope, Adeline.....     | Wiley, Dora.....        | Wiley, Dora.....           | Stratton, Mrs. C.S. (Born Bump, Hul-dah P.) |
| Perry, Irene.....       | Bell, Mrs. Harvey W.                | Sterling, Mme. Antoinette. | Wilton, Ellis.....      | Wilton, Ellis.....         | Golden, Mrs. Richard.                       |
| Perugini, Signor.....   | Chatterton, John.                   | Sutherland, Mrs. J.        | Wyne - Mathison, Edith. | Wyne - Mathison, Edith.    | Doremus, Mrs. T. C.                         |
| Pitt, Fannie Addison    | Pitt, Mrs. Henry M.                 | Sutherland, Mrs. J.        | Yeamans, Lydia.....     | Yeamans, Lydia.....        | Kennedy, Mrs.                               |
| Pixley, Annie.....      | Fulford, Mrs. Rob't                 | Sutherland, Mrs. J.        |                         |                            |                                             |
| Poisin, Mme.....        | Wallis, Mrs. Samuel.                |                            |                         |                            |                                             |
| Potter, Mrs.....        | Potter, Cora Urquhart.              |                            |                         |                            |                                             |

SOME LONG THEATRICAL RUNS.

|                                                                                               |                                                                                                                 |
|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| "Cato," Addison : Drury Lane, London, April 14, 1713; 35 times.                               | "Our Boys," Byron : Vaudeville Theatre, London, January 16, 1875, to April 18, 1879; 1,362 times.               |
| "The Beggars' Opera," Gay : Lincoln's Inn Fields, London, January 29, 1727; 62 times.         | "Les Cloches de Corneville," Planquette: Folly and Globe Theatres, London, February, 1875; more than 600 times. |
| "The Duenna," Sheridan : Covent Garden, November, 1775; 75 times.                             | "The Merchant of Venice," Shakespeare : Lyceum, London, November 1, 1879; 250 times.                            |
| "Uncle Tom's Cabin," Aiken's version: National Theatre, New York, August 23, 1853; 325 times. | "Hazel Kirke," Mackaye : Madison Square Theatre, New York, February 4, 1880; 456 times.                         |
| "The Children in the Wood," Boucicault : Adelphi, London, September 10, 1860; 361 times.      | "School for Scandal," Sheridan : Vaudeville, London, February 4, 1882; 404 times.                               |
| "Hamlet," Shakespeare : Winter Garden, New York, November 28, 1864; 100 times.                | "Much Ado About Nothing," Shakespeare : Lyceum, London, October 11, 1882; 212 times.                            |
| "The Black Crook," Barras : Niblo's Garden, New York, September 12, 1866; 475 times.          | "Adonis," Gill : Bijou, New York, September 4, 1884; 603 times.                                                 |
| "Humpty Dumpty," Olympic, New York, March 10, 1868; 483 times.                                | "A Trip to Chinatown," Hoyt : Madison Square, New York, November 9, 1891; 656 times.                            |
| "Hamlet," Lyceum Theatre, London, October 30, 1874; 200 times.                                | "Charley's Aunt," Royalty and Globe, London, December 21, 1892, to February 24, 1897—the record.                |
| "Julius Cæsar," Shakespeare : Booth's Theatre, New York, December 27, 1875; 103 times.        | "Florodora," Casino and New York Theatres, New York, November 12, 1900; 547 times.                              |

A Shakespearian Table.

PROFESSOR ROLFE, the Shakespearian scholar, has counted the lines which the principal characters in Shakespeare's plays have to speak. His rule was to consider parts of lines, beginnings and endings of speeches as full lines. This is the result:

|                           | Lines to Speak. |                           | Lines to Speak. |                                 | Lines to Speak. |
|---------------------------|-----------------|---------------------------|-----------------|---------------------------------|-----------------|
| Hamlet.....               | 1,539           | Macbeth.....              | 705             | Mistress Page.....              | 361             |
| Richard III.....          | 1,161           | Cleopatra.....            | 670             | Viola.....                      | 353             |
| Iago.....                 | 1,117           | Prospero.....             | 665             | Julia ("Two Gentlemen").....    | 323             |
| Othello.....              | 888             | Romeo.....                | 618             | Volumnia.....                   | 316             |
| Coriolanus.....           | 886             | Petruchio.....            | 555             | Beatrice.....                   | 308             |
| Timon.....                | 868             | Touchstone.....           | 516             | Lady Macbeth.....               | 261             |
| Antony (Cleopatra's)..... | 829             | Imogen.....               | 541             | Katherine (in "The Shrew")..... | 226             |
| Lea.....                  | 770             | Helen ("All's Well")..... | 479             | Miranda ("Tempest").....        | 145             |
| Richard II.....           | 755             | Isabella.....             | 428             | Perdita.....                    | 132             |
| Brutus.....               | 727             | Desdemona.....            | 389             | Cordelia.....                   | 113             |

Henry V. as king and prince (in "Henry IV." and "Henry V.") has 1,387 lines to speak, and Falstaff, in both parts of "Henry IV." and "Henry V." and in the "Merry Wives," has 1,366.

## Painting and Sculpture.

## NATIONAL ACADEMY OF DESIGN.

## NATIONAL ACADEMICIANS.

- Elected.
1902. Abbey, Edwin A. (elect), Fairfield, England.  
 1899. Adams, Herbert, 49 West 15th Street.  
 1902. Alexander, J. W. (elect), 123 East 63d Street.  
 1900. Barse, G. R., Jr., 11 East 59th Street.  
 1902. Beaux, Cecelia (elect), 64 Washington Square South.  
 1874. Beckwith, J. Carroll, 58 West 57th Street.  
 1888. Blashfield, Edwin H., 48 West 59th Street.  
 1893. Blum, Robert, 90 Grove Street.  
 1871. Boughton, George H., London, England.  
 1872. Brandt, Carl L., Hastings-on-Hudson, N. Y.  
 1863. Brevoort, J. R., 62 East 23d Street.  
 1881. Bridgman, Frederick A., Paris, France.  
 1875. Bristol, John B., 52 East 23d Street.  
 1863. Brown, J. G., 51 West 10th Street.  
 1902. Brush, George De F., Dublin, N. H.  
 1873. Butler, George B., 116 West 88th Street.  
 1899. Butler, Howard R., Carnegie Hall.  
 1875. Calverley, Charles, 107 East 27th Street.  
 1890. Chase, William M., 303 Fifth Avenue.  
 1885. Church, F. S., 1512 Broadway.  
 1898. Clincinst, B. West, 1000 Madison Avenue.  
 1892. Colman, Samuel, 37 Central Park West.  
 1901. Crane, Bruce, 154 West 55th Street.  
 1863. Dana, W. P. W., London, England.  
 1898. De Forest, Lockwood, 7 East 10th Street.  
 1888. Dewing, Thos. W., 51 West 10th Street.  
 1853. Dielman, Frederick, 51 West 10th Street.  
 1890. Dolph, J. H., 68 West 57th Street.  
 1902. Eakins, Thos. (elect), 1729 Mt. Vernon St., Philadelphia.  
 1900. Fowler, Frank, 106 West 55th Street.  
 1901. French, Daniel C., 126 West 11th Street.  
 1892. Gaul, Gilbert, 51 West 10th Street.  
 1878. Gifford, R. Swain, 152 West 57th Street.  
 1867. Griswold, C. C., 263 West 12th Street.  
 1865. Guy, Seymour Joseph, 51 West 10th Street.  
 1868. Hall, George Henry, 129 West 34th Street.  
 1899. Hamilton, Hamilton, Peekskill, N. Y.  
 1901. Harrison, Alexander, 118 East 40th Street.  
 1891. Hartley, J. S., 145 West 55th Street.  
 1863. Hennessy, W. J., London, England.  
 1889. Henry, E. L., 7 West 43d Street.  
 1865. Homer, Winslow, Scarborough, Me.  
 1897. Howe, Wm. H., Bronxville, N. Y.  
 1882. Howland, Alfred C., 218 West 57th Street.  
 1840. Huntington, Daniel, 49 East 20th Street.  
 1899. Inness, George, Jr., Carnegie Hall.  
 1861. Johnson, David, 69 West 131st Street.  
 1860. Johnson, Eastman, 65 West 55th Street.  
 1894. Jones, Francis C., 253 West 42d Street.  
 1883. Jones, H. Bolton, 253 West 42d Street.
1869. La Farge, John, 51 West 10th Street.  
 1897. Lippincott, Wm. H., 37 West 22d Street.  
 1890. Low, William H., Bronxville, N. Y.  
 1876. Magrath, William, 11 East 14th Street.  
 1886. Maynard, George W., 156 East 36th Street.  
 1875. Miller, Charles H., 10 East 23d Street.  
 1855. Millet, F. D., 34 Bedford Gardens, London, England.  
 1897. Minor, Robert C., 58 West 57th Street.  
 1895. Moiler, Louis, Wakefield, N. Y.  
 1884. Moran, Thomas, 24 West 22d Street.  
 1891. Mowbray, H. Siddons, 65 West 11th Street.  
 1887. Murphy, J. Francis, 222 West 23d Street.  
 1870. Nehlig, Victor, Paris, France.  
 1885. Nicoll, J. C., 51 West 10th Street.  
 1897. Palmer, Walter L., Albany, N. Y.  
 1884. Parton, Arthur, 52 West 23d Street.  
 1869. Perry, E. Wood, 18 East 12th Street.  
 1880. Porter, Benjamin C., 2 North Washington Square.  
 1878. Robbins, Horace Wolcott, 56 East 57th Street.  
 1868. Rogers, John, New Canaan, Ct.  
 1897. Sargent, John S., 33 Tile Street, London, England.  
 1875. Sellstedt, L. G., Buffalo, N. Y.  
 1861. Shattuck, Aaron D., Granby, Ct.  
 1888. Shirlew, Walter, abroad.  
 1890. Shurtleff, R. M., 44 West 22d Street.  
 1882. Smillie, George H., 650 Madison Avenue.  
 1876. Smillie, James D., 156 East 36th Street.  
 1889. St. Gaudens, Augustus, Windsor, Vt.  
 1858. Tait, Arthur F., Yonkers, N. Y.  
 1901. Thayer, Abbott H., Monadnock, N. H.  
 1880. Tiffany, Louis C., 335 Fourth Avenue.  
 1891. Tryon, D. W., 282 West 59th Street.  
 1886. Turner, C. Y., 35 West 14th Street.  
 1883. Van Elten, Kruseman, Paris, France.  
 1865. Vedder, Elihu, 7 West 43d Street.  
 1891. Vinton, Frederic P., Boston, Mass.  
 1899. Volk, Douglas, Centre Lovell, Me.  
 1902. Walker, Henry O. (elect), 152 West 55th Street.  
 1887. Walker, Horatio, Beauharnois, Canada.  
 1883. Ward, Edgar M., 51 West 10th Street.  
 1863. Ward, J. Q. A., 119 West 52d Street.  
 1895. Watrous, Harry W., 58 West 57th Street.  
 1886. Weir, J. Alden, 146 West 65th Street.  
 1866. Weir, John F., New Haven, Ct.  
 1897. Weldon, C. D., 51 West 10th Street.  
 1861. Whittredge, Worthington, Summit, N. J.  
 1898. Wiles, Irving R., 106 West 55th Street.  
 1873. Wilmarch, L. E., Brooklyn, N. Y.  
 1871. Wood, Thomas Waterman, 51 West 10th Street.  
 1880. Yewell, George H., 51 West 10th Street.

## ASSOCIATE NATIONAL ACADEMICIANS.

- Allen, Thomas, Boston, Mass.  
 Barnard, George G. (elect), Washington Avenue.  
 Bartlett, Paul W. (elect), 229 East 20th Street.  
 Bell, E. A., 296 Central Park South.  
 Benson, Frank W., Salem, Mass.  
 Birney, W. V. P., 58 West 57th Street.  
 Bltner, Karl (elect), Weehawken, N. J.  
 Bogart, George H., 204 West 55th Street.  
 Boston, Joseph H. (elect), Brooklyn, N. Y.  
 Bricher, A. T., 2 West 14th Street.  
 Bridges, Fidelia, Canaan, Ct.  
 Bunce, William G., Hartford, Ct.  
 Chapney, J. Wells, 95 Fifth Avenue.  
 Chapman, C. T., 58 West 57th Street.  
 Clark, Walter, 939 Eighth Avenue.  
 Coffin, William A., 58 West 57th Street.  
 Coleman, C. C., 16 Gramercy Park.  
 Cox, E. Irving, 939 Eighth Avenue.  
 Cox, Kenyon, 145 West 55th Street.  
 Craig, Thomas B., Rutherford, N. J.  
 Curran, Charles C., 16 West 61st Street.  
 D'Angerfeld, Elliott (elect), 145 West 55th Street.  
 Davi, C. H., Mystic, Ct.  
 DeCamp, Joseph (elect), Boston.  
 DeHaven, F. (elect), 28 West 24th Street.  
 Dearth, H. G. (elect), Carnegie Studios.  
 DeLuca, Percival, 52 East 23d Street.  
 Dessar, Louis Paul, 204 West 55th Street.  
 Du Mond, Frank V., 68 West 57th Street.  
 Earle, L. O., Montclair, N. J.  
 Eaton, C. Warren, 318 West 57th Street.  
 Ferguson, Henry A., 215 West 54th Street.  
 Foster, Ben., 253 West 42d Street.  
 Freer, Frederick W., Chicago.  
 Gay, Edward, Mount Vernon, N. Y.  
 Green, Frank Russell, 211 West 85th Street.  
 Harper, William St. John, 815 West 57th Street.
- Harrison, Birge (elect), Carnegie Hall.  
 Hassam, Childe (elect), 139 West 65th Street.  
 Herter, Albert (elect), 841 Madison Avenue.  
 Hyde, William H., 105 East 61st Street.  
 Isham, Samuel, 80 West 40th Street.  
 Kendall, William Sergeant (elect), 96 West 8th Street.  
 Kline, William Fair, 162 West 55th Street.  
 Kost, F. W., 146 West 55th Street.  
 Lathrop, W. L. (elect), New Hope, Pa.  
 Lockwood, Wilton (elect), Boston.  
 Loeb, Louis, 58 West 57th Street.  
 Loop, Mrs. Henry A., Clifton Springs, N. Y.  
 Lyman, Joseph, Century Club.  
 McCord, George H., Brooklyn, N. Y.  
 McIlhenney, C. Morgan, Shrub Oak, N. Y.  
 McMonnies, Frederick W., 16 Gramercy Park.  
 Mayer, Constant, abroad.  
 Mosler, Henry, Margareville, N. Y.  
 Niehaus, Charles H., 148 West 36th Street.  
 Ochtmann, Leonard, Cos Cob, Ct.  
 O'Donovan, W. R., 31 St. Nicholas Place.  
 Parsons, Charles, Boston, N. J.  
 Platt, Charles A., 16 Gramercy Park.  
 Poore, H. R., Orange, N. J.  
 Potthast, Edward, 52 East 23d Street.  
 Proctor, A. Phimster, 1931 Broadway.  
 Ranger, Henry W., 223 West 44th Street.  
 Rehn, F. K. M., 222 West 23d Street.  
 Remington, Frederic, New Rochelle, N. Y.  
 Rice, William M. J., 55 West 33d Street.  
 Robinson, Will. S., 202 West 74th Street.  
 Ryder, Albert P. (elect), 46 East 11th Street.  
 Sartin, William, 162 West 57th Street.  
 Satterlee, Walter, 52 East 23d Street.  
 Schreyvogel, Charles, Hoboken, N. J.  
 Sewell, E. V. V., 139 West 55th Street.  
 Smedley, William T., 292 West 23d Street.

NATIONAL ACADEMY OF DESIGN—Continued.

Snell, Henry B. (elect), 116 West 41st Street.  
 Story, George H., 230 West 59th Street.  
 Ulrich, Charles F., abroad.  
 Van Boskerck, Robert W., 58 West 57th Street.

Van Laer, A. T., 20 East 57th Street.  
 Vonnoh, Robert, Rockland Lake, N. Y.  
 Whittemore, William J., 318 West 57th Street.  
 Wiggins, Carleton, Brooklyn, N. Y.

COUNCIL, 1902-1903.

President, Frederick Dielman; Vice-President, J. G. Brown; Corresponding Secretary, H. W. Watrous; Recording Secretary, Will. H. Low; Treasurer, Lockwood De Forest; Francis C. Jones, George H. Yewell, Irving R. Williams, Alfred C. Howland, Herbert Adams, R. Swain Gifford.

The addresses given in the list refer to the City of New York when not otherwise specified. The National Academy was founded in 1826. The schools of the National Academy are open from the first Monday in October to the middle of May. Circulars containing rules, conditions of admission, and other details may be had on application at the Academy, corner Amsterdam Avenue and West One Hundred and Ninth Street, New York.

SOCIETY OF AMERICAN ARTISTS.

President—John La Farge. Vice-President—Kenyon Cox. Secretary—Henry Prellwitz. Treasurer—Samuel Isham. The above, with H. Bolton Jones, constitute the Board of Control. The address of the Secretary is 215 West Fifty-seventh Street, New York.

The Society is composed of 116 members, which includes both sculptors and painters. Its annual exhibition takes place at the above address, generally about the last of March, and lasts until about May 1. Three prizes are awarded each year, namely, "The Webb Prize," \$300; "Julia A. Shaw Memorial Prize," for women, \$300; "The Andrew Carnegie Prize," \$500; also Samuel T. Shaw purchases one or more pictures to the amount of not less than \$2,000.

NATIONAL SCULPTURE SOCIETY.

The National Sculpture Society, with headquarters at New York, was incorporated in 1806. It is composed of lay and sculptor members, and has for its object the spreading of the knowledge of good sculpture, the fostering of the taste for ideal sculpture and its production, both for the household and museums; the promotion of the decoration of public and other buildings, squares, and parks with sculpture of a high class; the improvement of the quality of the sculptor's art as applied to industries, and the providing from time to time for exhibitions of sculpture and objects of industrial art in which sculpture enters. The officers are as follows:

President—John Q. A. Ward. Vice-Presidents—Daniel C. French and Charles Rollinson Lamb. Treasurer—I. Wyman Drummond. Secretary—William Herbert, 436 West 22d Street, New York. Council—Class of 1905: Wm. T. Evans, Daniel C. French, C. Rollinson Lamb, F. Wellington Ruckstuhl, Augustus St. Gaudens, William Herbert; Class of 1903: Samuel P. Avery, Karl Bitter, John J. Boyle, I. Wyman Drummond, Charles C. Haight, Charles H. Niehaus; Class of 1904: Herbert Adams, George B. Post, Charles de Kay, J. Q. A. Ward, J. De Witt Warner, A. Lukeman.

NATIONAL ARTS CLUB.

The National Arts Club was organized in the City of New York April 24, 1899. The President is George B. Post, President of the Fine Arts Federation, and recently President of the New York Chapter of the American Institute of Architects. Spencer Trask is Treasurer, and Charles de Kay Secretary and Managing Director. The club-house is at Nos. 37 and 39 West Thirty-fourth Street, New York, where there are two fireproof galleries for the exhibition of industrial and fine art.

ROYAL ACADEMY.

President—Sir Edward John Poynter, Bart. Keeper—E. Crofts. Treasurer—T. G. Jackson. Librarian—W. F. Yeames. Secretary—Frederick A. Eaton. Registrar—C. McLean.

ROYAL ACADEMICIANS.

1898 Abbey, Edwin Austin.  
 1895 Aitchison, George.  
 1879 Alma-Tadema, Sir Lawrence.  
 1879 Armistead, Henry Hugh.  
 1902 Bodley, George Frederick.  
 1896 Boughton, George Henry.  
 1891 Brock, Thomas.  
 1896 Crofts, Ernest.  
 1877 Davis, Henry Wm. Banks.  
 1891 Dicksee, Frank.  
 1887 Fieldes, S. Luke.  
 1902 Frampton, George James.  
 1893 Gilbert, Alfred, M. V. O.  
 1891 Gow, Andrew Carrick.

1881 Graham, Peter.  
 1898 Gregory, Edward John.  
 1890 Herkomer, Hubert von, C. V. O.  
 1860 Hook, James Clarke.  
 1896 Jackson, Thomas Graham.  
 1898 Leader, Benj. Williams.  
 1876 Leslie, George Dunlop.  
 1898 Lucas, John Seymour.  
 1893 MacWhirter, John.  
 1877 Orchardson, Wm. Quilter.  
 1881 Oules, Walter William.  
 1876 Poynter, Sir Edward John, Bart.

1894 Prinsep, Valentine C.  
 1895 Richmond, Sir William Blake, K. C. B.  
 1881 Rivière, Briton.  
 1869 Sant, James.  
 1897 Sargent, John Singer.  
 1877 Shaw, Richard Norman.  
 1837 Stone, Marcus.  
 1888 Thornycroft, Wm. Hamo.  
 1885 Waterhouse, Alfred.  
 1895 Waterhouse, John Wm.  
 1870 Wells, Henry Tanworth.  
 1893 Woods, Henry.  
 1878 Yeames, Wm. Frederick.

Honorary Retired Academicians: 1853, William Powell Frith; 1863, Frederick Goodall; 1857, John Calcott Horsley; 1867, George F. Watts.

ASSOCIATES.

Belcher, John.  
 Bramley, Frank.  
 Clausen, George.  
 Cope, Arthur Stockdale.  
 Crowe, Eyre.  
 Drury, E. A. B.  
 East, Alfred.  
 Farguharson, Joseph.  
 Forbes, Stanhope A.

Hacker, Arthur.  
 Hemy, Charles N.  
 Hunter, Colin.  
 John, Wm. Goscombe.  
 La Thangue, Henry H.  
 Macbeth, Robert Walker.  
 Murray, David.  
 North, John W.  
 Parsons, Alfred.

Shannon, James J.  
 Smythe, Lionel P.  
 Solomon, Solomon J.  
 Storey, George Adolphus.  
 Swan, John MacAllan.  
 Tuke, Henry S.  
 Waterlow, Ernest Albert.  
 Webb, Aston.  
 Wylie, W. L.

Honorary Retired Associates: Henry Le Jeune, Erskine Nicol, Frederic Stacpoole.

PRESIDENTS OF THE ROYAL ACADEMY.—1768, Sir Joshua Reynolds; 1792, Benjamin West; 1805, James Wyatt; 1806, Benjamin West; 1820, Sir Thomas Lawrence; 1830, Sir Martin A. Shee; 1850, Sir Charles Eastlake; 1866, Sir Edwin Landseer, elected, declined, Sir Francis Grant; 1878, Sir Frederic Leighton (Lord Leighton); 1896, Sir John Everett Millais, Bart.; 1899, Sir Edward John Poynter, Bart.

## American Learned Societies.

**Actuarial Society of America.**—President, Oscar B. Ireland, Springfield, Mass.; First Vice-President, Israel C. Pierson, New York City; Second Vice-President, Rufus W. Weeks, New York City; Secretary, John Tatlock, Jr., New York City. The Actuarial Society of America was organized in 1889 for the purpose of promoting actuarial science, and is composed of the actuaries of life insurance companies and consulting actuaries. The membership embraces actuaries of Europe, Australasia, and Canada, as well as of the United States. Annual dues, \$10. Members and Associates, 130.

**American Academy of Medicine.**—President, Charles McIntire, Easton, Pa.; Secretary, Alexander R. Craig, Columbia, Pa.; Treasurer, Edgar Moore Green, Easton, Pa.; Editor of the "Bulletin," Charles McIntire, Easton, Pa. Next annual meeting, Washington, D. C., May 11 and 12, 1903. Object—To associate physicians who are also alumni of academic (or scientific) colleges; to encourage intending physicians to pursue a regular course of study leading to a bachelor degree before entering upon the study of medicine; to investigate and discuss the various problems of "medical sociology." Entrance fee, \$5; dues, \$1 per annum. Present membership, 854.

**American Academy of Political and Social Science.**—President, L. S. Rowe, Ph. D., University of Pennsylvania; Secretary, James T. Young, Ph. D., University of Pennsylvania; Clerk, N. J. Smith-Fisher, West Philadelphia Station, Philadelphia. Founded in 1889 to promote the political and social sciences. Membership, 2,100, distributed among every State and 34 foreign countries. Annual fee, \$5; fee for life members, \$100. Annual meeting held in April.

**American Antiquarian Society.**—President, Stephen Salisbury, Worcester, Mass.; Corresponding Secretaries—Foreign, Franklin B. Dexter, New Haven, Ct.; Domestic, Charles Francis Adams, Lincoln, Mass.; Recording Secretary, Charles A. Chase, Worcester, Mass. Annual meeting is held at Worcester, Mass., in October. Domestic membership restricted to 140. Admission fee of United States members, \$5; annual dues of New England members, \$5.

**American Asiatic Association.**—President, Silas D. Webb; Vice-President, Lowell Lincoln; Secretary, John Ford, P. O. box 1500, New York. The purposes of the society are to foster and safeguard the trade and commercial interests of the citizens of the United States and others associated therewith in the Empires of China, Japan, and Korea, the Philippines, and elsewhere in Asia and Oceania. Membership, 260. Organized 1898. Annual dues, \$10. Auxiliary societies at Shanghai and Yokohama.

**American Association for the Advancement of Science.**—President, Asaph Hall, U. S. N., South Norfolk, Ct.; Permanent Secretary, L. O. Howard, Washington, D. C.; General Secretary, Henry B. Ward, Lincoln, Neb.; Secretary of the Council, Ch. Wardell Stiles, Washington, D. C.; Treasurer, R. S. Woodward, New York City. The Association was chartered in 1874, being a continuation of the American Association of Geologists and Naturalists, organized in 1840. The membership is 3,500. Admission fee, \$5; annual dues, \$3. Next annual meeting, January 3, 1903, Washington, D. C.

**American Bar Association.**—President, Francis Rawle, Philadelphia, Pa.; Secretary, John Hinkley, 215 North Charles Street, Baltimore, Md.; Treasurer, Frederick E. Wadhams, New York. Each State is represented by one Vice-President. Membership, about 1,750. This Association of leading lawyers of the United States was organized in 1878. Next annual meeting at Hot Springs, Va., in August, 1903.

**American Chemical Society.**—President, Ira Remsen, Baltimore, Md.; Secretary, Albert C. Hale, 352A Hancock Street, Brooklyn, N. Y. The Society was organized in 1876 for "the advancement of chemistry and the promotion of chemical research." Publishes a monthly journal. Annual dues, \$5. Total membership, November 14, 1902, 2,120.

**American Climatological Association.**—President, Norman Bridge, M. D., Los Angeles, Cal.; Secretary, Guy Hinsdale, M. D., 3943 Chestnut Street, Philadelphia, Pa. Next annual meeting at Washington, D. C., May 12, 1903.

**American Dermatological Association.**—President, John T. Bowen, M. D., Boston, Mass.; Secretary, Charles J. White, M. D., Boston, Mass. Next annual meeting at Washington, D. C., May 12, 1903.

**American Dialect Society.**—President, George Hemple, University of Michigan, Ann Arbor, Mich.; Secretary and Treasurer, O. F. Emerson, Western Reserve University, Cleveland, Ohio. Organized in 1889 for "the investigation of the spoken English of the United States and Canada, and incidentally of other non-aboriginal dialects in the same countries." Publishes "Dialect Notes" at irregular intervals. Annual fee, \$1. Membership, about 325. Any person may become a member.

**American Economic Association.**—President, Edwin R. A. Seligman, Ph. D., Columbia University; Secretary, Frank A. Fetter, Ph. D., Cornell University, Ithaca, N. Y. Has 1,000 members; annual dues, \$3; life membership, \$50; no other entrance fee. The objects of the Association are the study of economic sciences and the publication of papers thereon.

**American Electro-Therapeutic Association.**—President, Dr. Daniel R. Brower, Chicago, Ill.; First Vice-President, Dr. Maurice F. Pilgrim, Boston, Mass.; Second Vice-President, Dr. C. Frank Osman, Boston, Mass.; Secretary, Dr. Clarence E. Skinner, New Haven, Ct. Next annual meeting at Catskill Mountains, N. Y., September 2, 1903.

**American Entomological Society.**—President, Philip P. Calvert; Secretary, Henry Skinner, M. D., Philadelphia, Pa. Organized 1859; incorporated 1862. Object—The study of entomology. Membership, 140.

**American Fisheries Society.**—President, George M. Bowers; Recording Secretary, George F. Peabody, Appleton, Wis.; Corresponding Secretary, L. E. Gunckel, Toledo, Ohio. Organized December, 1870. Annual dues, \$1. Membership, about 275.

**American Folklore Society.**—President, George A. Dorsey, Field Columbian Museum, Chicago, Ill.; Permanent Secretary, W. W. Newell, Cambridge, Mass. Organized in 1885 for "study of folklore in general, and in particular the collection and publication of folklore of North America." Membership fee, including a copy of "The Journal of American Folklore" (quarterly), \$3 per annum.

**American Genealogical Society.**—President, Dr. M. E. Poole; Secretary-Treasurer, L. Nelson Nichols, Ithaca, N. Y. A society of trained experts in genealogical research. Membership open only to expert genealogists. Makes search for ancestry, and compiles family record.

**American Geographical Society.**—President, (vacant); Vice-Presidents, W. H. H. Moore, D. O. Mills, C. O. Cliftany, D. D.; Corresponding Secretaries—Foreign, William Libbey; Domestic, Chandler Robbins; Recording Secretary, Anton A. Raven. Offices of the Society, 15 West Eighty-first Street, New York City. The objects of the Society are to encourage geographical exploration and discovery; to investigate and disseminate new geographical information; to establish in the chief maritime city of the country, for the benefit of commerce and navigation, \* \* \* a place where the means will be afforded of obtaining accurate information for public use of every part of the globe. Organized in 1852; membership, 1,300. Annual dues, \$10; no entrance fee.



## AMERICAN LEARNED SOCIETIES—Continued.

- American Gynecological Society.**—President, Seth C. Gordon, M. D., Portland, Me.; Secretary, J. Riddle Goffe, M. D., 22 East Thirty-fifth Street, New York City.
- American Historical Association.**—President, Alred Thayer Mahan, D. C. L., LL. D.; Secretary, A. Howard Clark, Smithsonian Institution, Washington, D. C.; Treasurer, Clarence W. Bowen, Ph. D. Association founded 1884, incorporated by Congress 1889. Object—The promotion of historical studies. Entrance fee, \$3; annual dues, \$3. Membership, 1,800.
- American Institute of Architects.**—Offices and library, The Octagon, Washington, D. C. President, Charles F. McKim, New York City; Secretary and Treasurer, Glenn Brown, Washington, D. C. The Institute has 27 chapters, 383 fellows, 396 associates, 60 corresponding and 70 honorary members. The initiation fee is \$5; yearly dues of fellows \$10 and of associates \$5. Organized in 1857.
- American Institute of Electrical Engineers.**—President, Charles F. Scott, Pittsburgh, Pa.; Secretary, Ralph W. Pope, at the executive offices, library, and reading-room, 95 Liberty Street, New York City. Entrance fee, \$5; annual dues, associates, \$10; members, \$15. Monthly meetings at 12 West Thirty-first Street, New York. Prints its transactions monthly, excepting July and August. Membership, 1,775.
- American Institute of Homeopathy.**—President, James C. Wood, M. D., Rose Building, Cleveland, Ohio; General Secretary, Charles Gatchell, M. D., 100 State Street, Chicago, Ill. Organized in 1844, and is the oldest national medical organization in the United States. Has 2,000 members, representing every State in the Union, besides Canada. Will meet at Boston, Mass., June, 1903.
- American Institute of Mining Engineers.**—President, E. E. Olcott, New York City; Secretary, R. W. Raymond, 99 John Street, New York City; Treasurer, Theodore D. Rand, Philadelphia. Membership, October 1, 1902, 3,300. Organized 1871. Annual dues, \$10.
- American Laryngological Association.**—President, Joseph H. Bryan, M. D., Washington, D. C.; Secretary, James E. Newcomb, M. D., 118 West Sixty-ninth Street, New York City. Next annual meeting at Washington, D. C., May, 1903.
- American Mathematical Society.**—President, Thomas S. Fiske; Secretary, F. N. Cole, Columbia University, New York; Treasurer, W. S. Dennett; Librarian, D. E. Smith. Meetings held at Columbia University, New York. Society was reorganized as the American Mathematical Society, July, 1894. Object—To encourage and maintain an active interest in and to promote the advancement of mathematical science. Admission fee, \$5; annual dues, \$5; life membership, \$50. Membership, 400. The Society publishes two journals, the *Bulletin* and the *Transactions*.
- American Medical Association.**—President, Dr. Frank Billings, Chicago, Ill.; Secretary-Editor, George H. Simmons, 61 Market Street, Chicago, Ill. Next annual session at New Orleans, La., May 5-8, 1903. Annual fee, \$5. Membership, over 12,000.
- American Microscopical Society.**—President, E. A. Birge, Madison, Wis.; Secretary, Henry B. Ward, Lincoln, Neb.; Custodian, Magnus Pfaum, Pittsburgh, Pa. Organized 1878. Initiation fee, \$3; annual dues, \$2. Membership, 300.
- American Neurological Association.**—President, Joseph Collins, M. D., New York City; Secretary, G. H. Hammond, M. D., 58 West Forty-fifth Street, New York City.
- American Numismatic and Archaeological Society.** 1271 Broadway, New York.—President, Andrew C. Zabriskie; Recording Secretary, Bauman L. Belden; Corresponding Secretary, J. Sanford Saltus. Society founded in 1858 for the promotion of numismatics and archaeology in the United States, possesses coin and medal collection and library. Total membership, 300.
- American Ophthalmological Society.**—President, Ch. S. Bull, M. D., New York City; Secretary, S. B. St. John, M. D., 68 Pratt Street, Hartford, Ct. Next annual meeting at Washington, D. C., May, 1903.
- American Oriental Society.**—President, D. C. Gilman, LL. D., Johns Hopkins University; Corresponding Secretary, E. Washburn Hopkins, Yale University, 235 Bishop Street, New Haven, Ct.; Recording Secretary, George F. Moore. Organized September 7, 1842, for the cultivation of learning in the Asiatic, African, and Polynesian languages, and the publication of works relating to these languages. Annual fee, \$5; fee for membership in section for Historical Study of Religions, \$2; no admission fee. Membership, 365.
- American Ornithologists' Union.**—President, Dr. C. Hart Merriam; Secretary, John H. Sage, Portland, Ct. Organized 1883. Object—The advancement of its members in ornithological science, the publication of a journal of ornithology and other works relating to that science, etc. Annual dues, fellows, members, \$4; associates, \$3. Membership, 752.
- American Orthopedic Association.**—President, L. A. Weigel, M. D., Rochester, N. Y.; Secretary, John Riddell, M. D., 103 State Street, Chicago, Ill. Next annual meeting at Washington.
- American Pediatric Society.**—President, W. S. Christopher, M. D., Chicago, Ill.; Secretary, Samuel S. Adams, M. D., 1 Dupont Circle, Washington, D. C. Next annual meeting at Boston, Mass., May 26, 1903.
- American Philological Association.**—President, Prof. C. F. Smith, of the University of Wisconsin; Vice-Presidents, Prof. George Hemple, of the University of Michigan, and Prof. Mortimer Lamson Earle, of Columbia University; Secretary and Treasurer, Herbert Weir Smyth, of Harvard University. Initiation fee, \$5; annual dues, \$3. Total membership, about 575. The Association was organized in 1869. Its object is "the advancement and diffusion of philological knowledge." Next annual meeting, July 7, 1903, at New Haven, Ct.
- American Philosophical Society.**—President, Isaac J. Wistar; Vice-Presidents, Coleman Seller, George F. Parker, and Samuel P. Langley; Secretaries, I. Minis Hays, Edwin G. Conklin, Arthur W. Goodspeed, and Morris Jastrow, Jr. Office of Society, 104 South Fifth Street, Philadelphia, Pa. Object—For promoting useful knowledge. Founded in 1743.
- American Physical Society.**—President, A. A. Michelson, University of Chicago, Chicago, Ill.; Secretary, Ernest Merritt, Cornell University, Ithaca, N. Y.
- American Psychological Association.**—President, Prof. E. C. Sanford; Secretary and Treasurer, Prof. Livingston Farrand, Columbia University. Organized in 1892 for "the advancement of psychology as a science." Membership, 125. Annual dues, \$3; no entrance fee.
- American Public Health Association.**—President, Dr. Henry D. Holton, Brattleboro, Vt.; First Vice-President, Dr. Walter Reed, Washington, D. C.; Second Vice-President, Dr. Jesús Chico, Guanajuato, Mex.; Secretary, Dr. Charles O. Probst, Columbus, Ohio.
- American Social Science Association.**—President, Oscar S. Straus, New York City; Treasurer, W. C. Le Gendre, 59 Wall Street, New York City; General Secretary, Frederick Stanley Root, New York City. Annual fee, \$5. The Association was founded in 1865.

## AMERICAN LEARNED SOCIETIES—Continued.

**American Society of Civil Engineers.**—President, Robert Moore; Secretary, Charles Warren Hunt; Treasurer, Joseph M. Knap. Regular meetings first and third Wednesdays of each month (except July and August) at 8.30 p. m. at the Society's house, 220 West Fifty-seventh Street, New York City. Has 2,700 members. Instituted in 1852.

**American Society of Curio Collectors.**—President, Roy F. Greene, Arkansas City, Kan.; Secretary, F. W. Coning, Marysville, Tenn. A national society for naturalists, geologists, mineralogists, archaeologists, numismatists, and antiquarians. Membership, 450.

**American Society of Mechanical Engineers.**—President, Edwin Reynolds, Milwaukee, Wis.; Secretary, Prof. F. R. Hutton, 12 West Thirty-first Street, New York City. Society House, 12 West Thirty-first Street, New York City. Total membership, all grades, 2,425. Two annual meetings, in Spring and Autumn, the latter in New York City in December. Initiation fee, members and associates, \$25; juniors, \$15. Annual dues, members and associates, \$15; juniors, \$10. The Society was chartered in 1881. Membership is not limited in number.

**American Society of Naturalists.**—President, J. McKeen Cattell, Columbia University; Vice-Presidents, C. D. Walcott, Leland O. Howard, Department of Agriculture; D. P. Penhallow, McGill University, Montreal; Secretary, Ross G. Harrison, Johns Hopkins University; Treasurer, Maynard M. Metcalf, Woman's College. Annual dues, \$2.

**American Statistical Association.**—President, Carroll D. Wright, Washington, D. C.; Vice-Presidents, Horace G. Wadlin, Henry C. Adams, Ph. D., Henry Gannett, S. N. D. North; Secretary, Davis R. Dewey, 491 Boylston Street, Boston, Mass.; Treasurer, John S. Clark. Membership, 417. Annual dues, \$2. Association organized, 1839.

**American Surgical Association.**—President, Maurice H. Richardson, M. D., 224 Beacon Street, Boston, Mass.; Secretary, Dudley P. Allen, M. D., 278 Prospect Street, Cleveland, Ohio. Number of members, 120. Next meeting at Washington, D. C., May 12, 13, and 14, 1903.

**Archaeological Institute of America (New York Society).**—President, Prof. Julius Sachs, Columbia University; Secretary, Prof. Nelson G. McCrea, Columbia University. Has 241 members. No entrance fee. Annual dues, \$10.

**Arctic Club.**—President, Prof. W. H. Brewer, Yale University; Secretary, H. Biederbick, 132 Ogden Avenue, Jersey City, N. J. Organized 1894. Membership, 125.

**Association of American Anatomists.**—President, G. S. Huntington, M. D., New York City; Secretary, G. C. Huber, M. D., Ann Arbor, Mich. Has 143 members. No entrance fee. Annual dues, \$5.

**Association of American Physicians.**—President, James Stewart, M. D., 285 Mountain Street, Montreal, Canada; Secretary, Henry Hun, M. D., 149 Washington Avenue, Albany, N. Y. Next annual meeting at Washington, D. C., May 12, 1903. Membership limited to 125.

**Astronomical and Physical Society of America.**—President, Simon Newcomb, Washington, D. C.; Secretary, G. C. Constock, Madison, Wis.

**Botanical Society of America.**—President, Dr. B. T. Galloway, Bureau of Plant Industry, Washington, D. C.; Secretary, Dr. D. T. MacDougal, Botanical Garden, Bronx Park, New York City. Has 36 members, 19 associates. Entrance fee, \$25; annual dues, \$10, for members. Entrance fee, \$5; annual dues, \$5, for associates.

**Geological Society of America.**—President, Prof. N. H. Winchell, Minneapolis, Minn.; Secretary, H. L. Fairchild, University of Rochester; Treasurer, I. C. White; Editor, J. Stanley-Brown. Society founded in 1888. Has 245 fellows. Entrance fee, \$10; annual dues, \$10.

**Medico-Legal Society.**—President, Clark Bell, 200 West Seventy-eighth Street, New York City; Secretary, H. Gerald Chapin, New York City. There are vice-presidents for each of the States and Territories and the principal foreign countries.

**National Academy of Sciences.**—President, Alexander Agassiz, Cambridge, Mass.; Vice-President, Asaph Hall, Cambridge, Mass.; Foreign Secretary, Ira Remsen, Baltimore, Md.; Home Secretary, Arnold Hague, Washington, D. C.; Treasurer, Samuel F. Emmons, Washington, D. C. The Academy, incorporated by act of Congress March 3, 1863, "shall, whenever called upon by any department of the Government, investigate, examine, experiment, and report upon any subject of science or art; the actual expense \* \* \* to be paid from appropriations which may be made for the purpose." The Academy holds a stated session each year in the city of Washington on the third Tuesday in April. An Autumn meeting is held at such place and time as the Council shall determine. There are at present 89 members and 26 foreign associates.

**National Geographic Society.**—President, Alexander Graham Bell; Secretary, Alfred J. Henry; Foreign Secretary, Eliza R. Scidmore; Editor, Gilbert H. Grosvenor. Headquarters at Washington, D. C. Its purpose is "the increase and diffusion of geographic knowledge." It publishes a monthly magazine. Annual dues for members, \$2. There are 2,600 members.

**New York Zoological Society.**—President, Levi P. Morton; Secretary, Madison Grant, 11 Wall Street, New York City; Treasurer, Charles T. Barney; Director, William T. Hornaday, Charles H. Townsend is the Director of the Aquarium. Annual dues, \$10; life membership, \$200. The Zoological Park and the New York Aquarium are under the management of the Society.

**Scientific Alliance of New York.**—President, C. F. Cox; Treasurer, E. G. Love; Secretary, N. L. Britton, New York Botanical Garden, New York City. The Council of the Scientific Alliance is composed of three delegates from each of eight scientific societies. Object—To promote cooperation among the constituent societies, the cultivation of popular interest, and particularly to procure a building in which all the societies shall be conveniently housed, and which shall become the scientific centre to the city.

**Society for the Promotion of Agricultural Science.**—President, W. H. Jordan, Geneva, N. Y.; Secretary, F. M. Webster, Urbana, Ill.

**Society of American Authors.**—President, Rastus S. Ransom; Vice-Presidents, Andrew Carnegie, Julia Ward Howe, Lew Wallace, H. H. Bancroft, Ellen H. Walworth, Grace Denio Litchfield; Treasurer, Morris P. Ferris; Secretary, G. Grosvenor Dawe. Object—The advancement of the interests and the protection of the rights of authors. Office, 32 Broadway, New York City. Membership, over 400. Annual dues, \$5.

**Society of Chemical Industry (New York Section).**—Chairman, Virgil Coblentz, College of Pharmacy, New York City; Local Secretary, H. Schweitzer, 40 Stone Street, New York City. Membership, 1,033.

**Society of Naval Architects and Marine Engineers.**—President, Clement A. Griscom; Secretary, W. L. Capps, 12 West Thirty-first Street, New York City. Object—The promotion of the art of shipbuilding, commercial and naval. Incorporated under the laws of New York State. Headquarters, 12 West Thirty-first Street, New York City. Membership fee, \$5; annual dues, \$5. Has 341 members and associates.

## The Forty Immortals of the French Academy.\*

| YEAR ELECTED. | Name.                                      | Born.                | Predecessor.           |
|---------------|--------------------------------------------|----------------------|------------------------|
| 1 1855        | Ernest Wilfred Gabriel Baptiste Legouve    | Paris, 1807          | Ancelot.               |
| 2 1870        | Emile Ollivier                             | Marseilles, 1825     | De Lamartine.          |
| 3 1874        | Alfred Jean François Mézières              | Paris, 1826          | St. Marc-Girardin.     |
| 4 1876        | Marie Louis Antoine Gaston Boissier        | Nîmes, 1823          | Patin.                 |
| 5 1877        | Victorien Sardou                           | Paris, 1831          | Aulran.                |
| 6 1878        | Edmond Armand, Duc d'Audiffret-Pasquier    | Paris, 1823          | Durandaloup (Bishop).  |
| 7 1880        | Aimé Joseph Edmond Rousse                  | Paris, 1817          | Jules Favre.           |
| 8 1881        | René François Armand Sully-Prudhomme       | Paris, 1839          | Duvergier de Hauranne  |
| 9 1882        | Adolphe Louis Albert Perraud               | Lyons, 1828          | Auguste Barbier.       |
| 10 1884       | François Edouard Joachim Coppée            | Paris, 1842          | De Laprade.            |
| 11 1884       | Ludovic Halévy                             | Paris, 1834          | Comte d'Haussenville.  |
| 12 1886       | Vallery Clément Octave Gréard              | Vire, 1828           | Comte de Falloux.      |
| 13 1886       | Othénin P. de Cléron Comte d'Haussenville. | Gurey, 1843          | Caro.                  |
| 14 1888       | Jules Arnaud Arsène Claretie.              | Limoges, 1840        | Cuvillier-Fleury.      |
| 15 1888       | Eugène Marie Melchior, Vicomte de Vogué.   | Nice, 1848           | Désiré Nisard.         |
| 16 1890       | Charles Louis de Sausles de Freycinet      | Foix, 1828           | Emile Augier.          |
| 17 1891       | Louis Marie Julien Viaud (Pierre Loti)     | Rochefort, 1850      | Octave Feuillet.       |
| 18 1892       | Ernest Lavisse                             | Neufvion, 1842       | Jurien de la Gravière. |
| 19 1893       | Paul Louis Thureau-Dangin                  | Paris, 1837          | Roussel.               |
| 20 1893       | Marie Ferdinand Brunetiere                 | Toulon, 1849         | Lemoine.               |
| 21 1894       | José Maria de Heredia                      | Santiago, Cuba, 1842 | De Mazade.             |
| 22 1894       | Albert Sorel                               | Honfleur, 1842       | Taine.                 |
| 23 1894       | Paul Bourget                               | Amiens, 1852         | Maxime Du Camp.        |
| 24 1894       | Henri Houssaye                             | Paris, 1858          | Leconte de Lisle.      |
| 25 1895       | Jules Lemaitre                             | Orleans, 1853        | Jean Victor Duruy.     |
| 26 1896       | Jacques Anatole Thibault (Anatole France)  | Paris, 1844          | Comte de Lesseps.      |
| 27 1896       | Marquis Marie C. A. Costa de Beauregard    | Nyotte, Savoy, 1839. | Camille C. Doucet.     |
| 28 1896       | Gaston Bruno Paulin Paris                  | Avenay, 1839         | Louis Pasteur.         |
| 29 1896       | Claude-Adhémair (André Theuriet)           | Marly-le-Roi, 1833.  | Alexandre Dumas.       |
| 30 1896       | Louis Jules Albert Comte Vandal            | Paris, 1861          | Léon Say.              |
| 31 1897       | Albert Comte de Mun                        | Lumigny, 1841        | Jules Simon.           |
| 32 1897       | Gabriel Hanotaux                           | Beauvevoir, 1853     | Challemel-Lacour.      |
| 33 1898       | Eugène C. Guillaume                        | Montbard, 1822       | Duc d'Aumale.          |
| 34 1899       | Henri Leon Emile Lavedan                   | Orleans, 1859        | Henri Meilhac.         |
| 35 1899       | Paul Deschanel                             | Brussels, 1856       | Hervé.                 |
| 36 1900       | Paul Hervieu                               | Neully, 1857         | Paileron.              |
| 37 1900       | Auguste Emile Faguet                       | La Roche, 1847       | Cherbulez.             |
| 38 1900       | Eugène Marcelus Pierre Berthelot           | Paris, 1827          | Bertrand.              |
| 39 1901       | Charles Jean Melchior, Marquis de Vogué.   | Paris, 1829          | Duc de Broglie.        |
| 40 1901       | Edmond Rostand                             | Marseilles, 1868     | Bornier.               |

\* The French Academy is one of five academies, and the most eminent, constituting the Institute of France. It was founded in 1630 by the Cardinal Richelieu, and reorganized in 1816. It is composed of 40 members, elected for life.

## The British Academy.

KING EDWARD VII. in 1902 granted a charter to "The British Academy for the Promotion of Historical, Philosophical, and Philological Studies." Lord Reay (Chairman of the London School Board, former Governor of Bombay, President of the Royal Asiatic Society and of University College) is the first President.

The fellows are: Lord Reay, the Earl of Rosebery, Viscount Dillon, President of the Society of Antiquaries; Arthur Balfour, M. P.; John Morley, M. P.; James Bryce, M. P.; W. E. H. Lecky, M. P.; Sir William Anson, Warden of All Souls' College, Oxford; Sir Frederick Pollock, Corpus Professor of Jurisprudence, University of Oxford; Sir Edward Maunde Thompson, Director and Principal Librarian, British Museum; Sir Henry Maxwell-Lyte, Deputy Keeper of the Public Records; Sir Courtenay Ilbert, Parliamentary Counsel to the Treasury; Sir Richard Jebb, M. P., Regius Professor of Greek, University of Cambridge; Dr. Monro, Provost of Oriel College and Vice-Chancellor of the University of Oxford; Dr. A. W. Ward, Vice-Chancellor of the University of Cambridge; Dr. Edward Caird, Master of Balliol College, Oxford; Dr. H. F. Pelham, President of Trinity College, University of Oxford; Dr. John Rhys, Principal of Jesus College and Professor of Celtic, University of Oxford; Rev. George Salmon, D. D., Provost of Trinity College, Dublin; Dr. J. B. Bury, Regius Professor of Greek, University of Dublin; S. H. Butcher, Professor of Greek in the University of Edinburgh; Ingram Bywater, Regius Professor of Greek, University of Oxford; E. B. Cowell, Professor of Sanskrit, University of Cambridge; Rev. William Cunningham, D. D.; Rhys Davids, Professor of Pali, University College, London; Albert Dicey, K. C., Vinerian Professor of English Law, University of Oxford; Rev. Canon S. R. Driver, D. D., Regius Professor of Hebrew, University of Oxford; Robinson Ellis, Corpus Professor of Latin, University of Oxford; Arthur John Evans, Keeper of the Ashmolean Museum, Oxford; Rev. A. M. Fairbairn, D. D., Principal of Mansfield College, Oxford; Rev. Robert Flint, D. D., Professor of Divinity, University of Edinburgh; J. G. Frazer, Fellow of Trinity College, Cambridge; Israel Gollancz, University Lecturer in English, University of Cambridge; Thomas Hodgkin, S. H. Hodgson (metaphysician), T. E. Holland, Professor of International Law and Diplomacy, University of Oxford; F. W. Maitland, Downing Professor of English Law, University of Cambridge; Alfred Marshall, Professor of Political Economy, University of Cambridge; Rev. J. E. B. Mayor, Professor of Latin, University of Cambridge; Dr. J. A. H. Murray, editor of Oxford English Dictionary; W. M. Ramsay, Professor of Humanity, University of Aberdeen; Rev. Canon William Sanday, D. D., Lady Margaret Professor of Divinity, University of Oxford; Rev. W. W. Skeat, Elrington and Bosworth Professor of Anglo-Saxon (celtic scholar), University of Cambridge; Leslie Stephen, Whitley Stokes, Rev. H. B. Swete, D. D., Regius Professor of Divinity, University of Cambridge; Henry Fanshawe, Rev. H. F. Tozer, Robert Yelverton Tyrrell, University of Dublin, and James Ward, University of Cambridge.

The Academy aims at the promotion of the study of moral and political sciences, including history, philosophy, law, politics and economics, archæology, and philology.

## Review of Scientific Progress in 1902.

### ASTRONOMY.

DURING the year 1902 thirty-six asteroids were discovered, some of which may however turn out to be only the rediscovery of old ones.

Several series of observations were made of the very diminutive planet Eros with the view of determining the sun's distance. These observations have not yet been discussed, but they have disclosed the fact that the brilliancy of this body is variable, and has a period of 5 hours 16 minutes. Three theories have been advanced to account for this singular phenomenon: First, that the planet is double, consisting of two bodies almost in contact, and revolving around their common centre of gravity in a period of 5 hours 16 minutes, mutual occultations taking place whenever the plane of motion passes through the earth; second, that it is shaped like a dumb-bell or two spherical bodies collided and adhered together, mutual occultations taking place as before, and third, that the variation is due to a large difference in the brightness of various parts of the surface. These are all open to objection, but the first theory would appear to be the most probable.

Two telescopic comets were discovered, both apparently strangers to our solar system, but possessing no special interest.

A huge reflecting telescope for the use of the Mills expedition which is to be sent out from the Lick Observatory to Chile was recently completed at the Allegheny (Pa.) Optical Works. The glass for the mirror was cast in Paris, but the work of grinding, polishing, silvering, and mounting was done by the Allegheny firm. The instrument will be mounted on a high mountain peak in the vicinity of Valparaiso, Chile. The object of the expedition is to observe spectroscopically the brighter stars in the Southern Hemisphere which are not visible in this latitude, and to determine, if practicable, the motive of the solar system through space.

A huge meteor belonging to the August group fell on August 24, in the Sierra Madre Mountains, about fifteen miles from Fillmore, Cal. It was visible for more than a hundred miles as it shot across the sky. A loud, hissing sound emanated from the huge body, and the report when it struck the earth was not unlike distant thunder, but much louder, having been heard at a distance of thirty miles from the scene of the terrible collision.

Another prodigious meteor belonging to the November group passed over Kentucky for some one hundred and twenty miles, and then exploded. These bodies are now known to be simply small masses of mineral matter—chiefly iron, nickel, manganese, etc.—which move in independent orbits around the sun with planetary velocity; and were it not for the protecting ægis of our atmosphere, they would strike the earth with prodigious force and be a constant menace to life and property.

### CHEMISTRY.

Some advance was made in chemical science, especially in verifying the atomic weights of some of the more important elements.

A new determination of the atomic weight of uranium has been made by analyzing bromide of uranium,  $U Br_4$ ; the method is more reliable than that previously employed. The result is 238.5, about a unit lower than the value hitherto accepted.

New atomic weights were also deduced for iron and copper; the former 127.6, and the latter 40.1, both, however, in close agreement with those previously found.

Lithium silicide,  $Si Li_3$ , has been formed by heating silicon with lithium in a nickel boat placed in an exhausted tube. The compound is in the form of bright indigo blue crystals, very hygroscopic and violently decomposed by water, acids, and the halogens. It possesses great reducing properties. When heated with the oxides of iron, manganese, copper, etc., the metals are at once set free; it does not, however, decompose alumina.

For a long time the intense black color of the rocks in the Nile rapids at Wady Halfa and Assouan remained unexplained. Recent investigations show that the black color is not due to the color of the rocks themselves, which are eruptive rocks and sandstones of various colors, but to the presence of manganese, which absorbs oxygen, thereby giving the polished surface a deep black coating of manganese dioxide,  $Mn O_2$ .

### GEOLOGY.

Several valuable contributions were made to geological science both in Europe and America, among which may be mentioned a description of the oil and gas fields of Western and Northern Texas, the tin deposits ten miles north of El Paso, and the deposits of sulphur and mercury in the same State; the coal measures of the Upper Cretaceous and Tertiary group of the western gulf coast; the geology of the Maldivæ and Laccadive Archipelagoes, in the Indian Ocean; the geology of the Berkeley Hills, in California, and of the entire coast range of mountains of the Pacific coast. The geological survey of Cape Colony and adjacent territories and of Western Australia was recently begun, and so far promises to be the most fruitful field for geologic exploration on the globe.

In the geologic survey of Canada, the copper regions of the White Horse District, the coal basins in the Rocky Mountains, the Sudbury nickel and copper districts, and the western shore of Hudson Bay received more than ordinary attention, and much valuable information in regard to their mineral deposits was obtained. The very rare mineral chrocoite was found in British Columbia, the only other place being Dun Mountain, New Zealand. It is of a fine emerald-green color and of very great value to the lapidary.

An exceedingly valuable deposit of the mineral molybdenite was discovered in Haliburton District, Ontario. This mineral is so rare that in the raw state it is worth \$400 per ton and in the refined state it is valued at about \$2 per pound. It finds an extensive application in the production and tempering of the finer qualities of steel and as a delicate test in analytical chemistry.

The geology of the Black Hills and adjoining regions in South Dakota and Wyoming was very carefully studied. This interesting region promises more fruitful results and is destined to occupy a larger research than any other region in America of similar size.

The world's largest diamond was found at Jagersfontein, in South Africa, and weighed in the rough 971 $\frac{3}{4}$  carats. It was originally called the Excelsior, but now the Jubilee diamond, in honor of the celebration of the sixtieth anniversary of the accession of the late Queen Victoria. It surpasses any other diamond known in size, color, and lustre; it is, in fact, an absolutely peerless gem. It was lately cut as a brilliant with the most skilful appliances, weighs 239 carats, and is valued at \$2,000,000. The Orloff diamond of Russia weighs 194 $\frac{1}{2}$  carats, the Regent of France 136 $\frac{3}{4}$  carats, the Imperial 180 carats, and the Kohinoor 102 $\frac{3}{4}$  carats.

## REVIEW OF SCIENTIFIC PROGRESS IN 1902—Continued.

## ENGINEERING.

A range of submarine mountains was discovered in the South Pacific Ocean by the British cable steamer *Britannia*, while employed in marking out a track for the British Trans-Pacific cable—the longest ever laid. About 100 miles east of Brisbane, Australia, an obstruction was met with lying directly in the track and a deviation to the south had to be made in order to clear it. The greatest depth in this course lies between Brisbane and Norfolk Island, 2,800 fathoms, but on the crest of the mountain side it was only 237 fathoms.

This great engineering feat was completed on October 30, 1902, at the joint expense of Great Britain, Canada, and Australia. The cable is about 7,755 miles long, and consists of four sections, viz.:

- 1st. From Vancouver, British Columbia, to Fanning Island, 3,455 miles;
- 2d. From Fanning Island to Suva in the Fiji Islands, 2,100 miles;
- 3d. From the Fiji Islands to Norfolk Island, about 1,200 miles; and
- 4th. From Norfolk Island to Brisbane, Australia, about 1,000 miles.

Its successful completion puts all parts of the widely scattered British Empire into direct telegraphic intercommunication, and the islands of the Pacific Ocean into closer relations with the rest of the world.

An engineering feat of great magnitude has been undertaken by the United States Geological Survey, viz., the reclaiming by artificial irrigation of immense tracts of desert and arid land in the South-western States and Territories, Congress having appropriated several millions of dollars for the purpose. The object to be attained in this work is to divert from their natural channel, mountain streams to localities now too arid for agricultural purposes.

A new rifle has been invented by a Mr. McLean, of Cleveland, Ohio, which removes some of the defects of the ordinary gun. It does not differ greatly in outward appearance from the ordinary rifle, but on the upper side of the barrel is a long cylinder which ends in a gas nozzle about four or five inches from the front. This device, whose action is not very apparent, catches part of the escaping gas which follows the explosion, and the force thus brought into action drives back a piston which ejects the exploded cartridge, throws a new one into its place and fires it, while at the same time it exerts a forward pressure sufficient to counteract the shock of the recoil. The four actions just mentioned continue automatically so long as there are cartridges in the magazine. There is no complicated mechanism, the operations follow one another almost instantaneously without the jar or recoil which always interferes with accurate aim and demoralizes the marksman.

## SURGERY AND MEDICINE.

Several heroic and successful surgical operations were performed for the first time, among which may be mentioned the cutting away of a part of the skull to give the brain room for development; suturing or sewing up incised wounds of the heart; the remedying congenital deformities of the hip joint; operations for fracture and dislocation of the cervical portion of the spinal column; abdominal sections for the removal of pus in chronic peritonitis, besides many other minor operations which have contributed not a little to the saving of human life.

A few new remedies were added to the *materia medica*, and many new lines of treatment were discovered, not only for preventing disease but also for aborting it in its incipency.

## ARCHÆOLOGY AND EXPLORATION.

The excavations made under the direction of Professor Hilprecht, of the University of Pennsylvania, in ancient Nippur, show that the Babylonians were far more advanced in science than is commonly supposed. When the 23,000 tablets found by him are deciphered, it is believed that their contents will altogether change the opinion hitherto entertained regarding the state of civilization of that ancient people. The ruins of Nippur are found to be a collection of some twelve or more cities built one above the other. The deciphering of the tablets will be a very difficult task. One tablet shows a minute astronomical calculation in regard to the constellation Scorpion, and the places and movements of the stars were so accurately described that the astronomers of that time, 2,300 B. C., were in some respects as proficient as those of the present day.

Remarkable discoveries were made by Baron Von Oppenheim in Upper Mesopotamia, where a supposed desert was thought to exist, but now found to be teeming with archæological remains.

Ruins of a large town were unearthed, the lower stories of whose houses were cut in the solid rock. A palace of the King of the ancient Hittites was uncovered, with perhaps the first veiled statue ever constructed.

In the Tektok Mountains, between the head waters of the Tigris and Euphrates Rivers, the ruins of a large town or city were discovered. The city was partially excavated out of the solid rock, and partly built of stone above the surface. The subterranean sections of these abodes, as well as the parts above ground, were adorned with elaborate sculpture of a high development. Nothing like it was ever before discovered anywhere on the earth. The population was probably twenty or thirty thousand. Throughout the entire region were found wonderful architectural remains of mediæval and ancient art, such as the remains of castles, churches, and houses, some of which were standing as if abandoned but a year or so ago. Basilicas were so well preserved that nave and aisles were easily distinguishable. Arches standing amid fields of debris proved to be remains of early Christian churches, some of them marked with the cross. Great castles built by the Crusaders were found standing almost intact, but the remains of still earlier times were equally abundant, as shown by an advanced state of dilapidation.

Here we have witnesses to the occupation of this land by different races extending back to the remote past. It is the opinion of German archæologists who have carefully studied the numerous inscriptions and other remains of art found here, that this interesting region was inhabited up to the close of the fourteenth century, when the Tartar hordes from the North came down upon the land like an avalanche, overwhelming and extinguishing the nations that occupied it before sweeping on to follow their conquests in Europe and leaving this now desolate area to the wolf, the hyena, and jackal.

Before the arrival of the savage Tartar the region had been governed by Caliphs, descendants of the famous Haroun al Raschid, of Bagdad; then for a period the Crusaders held sway over it; before Islamism was born Byzantine and Roman emperors were its masters; still earlier the land was governed by the Greeks, descendants of the generals of Alexander the Great, and prior to the Grecian Era its history stretched back through Persian, Babylonian, and Assyrian culture to that of the ancient Hittites—that primitive race whose home and civilization constitute one of the chief difficulties in ancient historical research, but undoubted traces of them have at last been prominently brought to light. There is, therefore, in this wonderful region a series of records of successive stages of history and of civilizations reaching back to a remote antiquity.

**The Seismic Disturbances of 1902.**

THE year 1902 will long be remembered in the annals of our race as the year of extraordinary seismic convulsions. Never in historic times has there been such a terrible series of disturbances of the earth's crust as have occurred during the whole year and over an area covering almost the entire surface of the globe. The destruction of Herculaneum and Pompeii in A. D. 69 by an eruption of Mount Vesuvius was a great catastrophe, although attended with a comparatively small loss of life, yet it sinks into insignificance compared with the appalling calamity which overtook the city of St. Pierre, in the island of Martinique, in the West Indies, where over 30,000 people perished instantly by one of the most extraordinary volcanic eruptions recorded in history.

The only other catastrophes at all comparable with it were the earthquake of Lisbon, November 1, 1755, when between 30,000 and 40,000 people perished; that of Calabria, Italy, and one in the East Indian Archipelago, in both of which many thousands perished, but the approximate number is unknown.

To give a complete list of all the earthquake shocks, volcanic explosions, tidal waves, and other seismic commotions would be perhaps impossible, for scarcely a day passed without the announcement of some such disturbance in some part of the earth, and many have doubtless been unrecorded, especially those occurring in the ocean bed.

Early in April, 1902, the first news of volcanic activity was received from the Aleutian Islands, Alaska, where several volcanoes were in active eruption. About a week later, on April 18, a severe earthquake shock was felt in Southern Mexico, Central America, and a portion of the West Indies, when 1,000 persons were killed, over 3,000 injured, and more than 50,000 rendered homeless. On May 3 the Volcano Redoubt, in Alaska, burst forth in violent eruption. And on May 7 Mont Soufrière, in the island of St. Vincent, first gave indications of activity after a long interval of repose.

On May 8 the most appalling catastrophe of its kind on record occurred, the instantaneous destruction of St. Pierre with its 30,000 people by the first eruption of Mont Pelée.

**THE MARTINIQUE DISASTER.**

A few days afterward Monts Colima and Soconusco, in Mexico, erupted, causing great loss of property. Then followed earthquake shocks in St. Thomas, W. I., and in Southern Portugal.

May 18 occurred the second eruption of Soufrière, and on the 20th a great tidal wave—the result of a submarine eruption somewhere—destroyed a portion of the village of La Carbet and a torrent of mud inundated Basse Pointe, in Martinique.

From May 24 to 31 Mont Pelée was in violent eruption; May 30 another tremendous eruption of Soufrière took place, accompanied by a severe earthquake which was felt far and wide, earth tremors having registered at Bayonne, N. J., and at Chattanooga, Tenn. About the same time sulphurous exhalations were emitted from Mont Trabochetto, on the shore of the Mediterranean, near Nice.

June 2. Mont Blackburn, in Southeastern Alaska, erupted, and on the following day Mont Gusty-grau, in Caucasia, Southern Russia, sent forth a torrent of mud, killing several persons, and on the same day a great landslide occurred in Switzerland, killing two noted scientists.

June 8. There was another violent eruption of Mont Pelée and another severe earthquake in Guatemala, Central America, destroying several towns and killing more than a thousand persons and injuring many more.

June 14. There was a discovery of slight elevations of localities in Pennsylvania and on the same day Mont Pelée burst forth in violent eruption. On the following day, June 15, a strong earthquake shock was felt in Sicily.

June 19. Mont Pelée poured forth a tremendous torrent of boiling mud, which overwhelmed the town of Basse Pointe, and on the next day disastrous earthquake shocks were felt throughout the Tyrol, in Southern Austria.

June 21. The great Volcano Pichincha, in Ecuador, became active after having lain dormant for more than a century, and on the following day several earthquake shocks were felt in Calabria, in the south of Italy.

During this month all the volcanoes of the Sandwich Islands were unusually active, especially Kilauea, one of the most terrible in the world.

July 7. European Turkey was visited by an earthquake partially destroying two towns.

July 8. A tidal wave at New Orleans, La., forced the sea water up the Mississippi and other rivers, doing much damage to property and killing millions of fish, while simultaneously two volcanoes in Costa Rica burst out in active eruption.

July 9. A severe earthquake shock at Bundas Abbas, Persia, did much damage, and on the same day three severe shocks were felt at St. Vincent and the neighboring islands, and this was followed for several days by loud detonations from Soufrière and another eruption from Mont Pelée, accompanied by violent earthquake shocks throughout Venezuela, damaging many towns, especially Valencia, La Guayra, and Guvenas. Toward the close of the month quite severe shocks were felt in California, causing considerable damage to property in Las Alamas, San Maria, and Santa Barbara, and simultaneously shocks occurred in Nebraska, the Dakotas, and Iowa.

From far away Japan and the Philippine Islands came tidings that during the month of August the small island of Torishima, on the coast of the former, containing 150 inhabitants, disappeared, and an earthquake in the latter killed sixty natives, besides injuring many more.

August 30. Venezuela was again visited by an earthquake, accompanied by a tremendous noise, which was heard along the whole shore of the Caribbean Sea, and at the same time Mont Pelée was in violent eruption, during which over 2,000 people perished.

September 7 four large craters formed on the north side of Mont Izalco, in Salvador, Central America, and poured forth torrents of lava, which flowed several miles from the craters. Lake Coatepequa, which lies at the foot of the mountain, was flooded with boiling sulphur. The volcano was still in eruption October 22. October 9 slight earthquake shocks were felt near Austin, Texas.

September 8. It was announced that Vesuvius had begun to vomit flames of fire, and its companion Stromboli, on one of the Lipari Islands, was in active and violent eruption, and on the same day earthquake shocks were felt in France and India.

September 17. The Philippine volcanoes Macou Taal and Batusau became unusually active.

September 23. Soufrière again erupted very violently, so that a cable-repairing ship, which was some five or six miles off the shore, was obliged to steam away at full speed, thereby narrowly effecting her escape, while simultaneously earthquake shocks of great violence were experienced in Jamaica and Ecuador.

News also came from Sicily to the effect that Mont Aetna, which has been sleeping for more than a century, showed signs of again becoming active.

The island of Guam experienced no less than 180 shocks, doing much damage to lives and property, and Japan experienced a tidal wave which swept the northern part of that country, causing terrible

## THE SEISMIC DISTURBANCES OF 1902—Continued.

destruction. It was also ascertained that the bottom of the sea in the neighborhood of Martinique and St. Vincent had gone down to the extent of a mile or more.

October 15. A terrific eruption of Soufrière began at 8 o'clock P. M. on October 15 and continued until 4 A. M., followed by a brief interval of rest; after which slight earth tremors, roaring noises like incessant cannonading, and outpourings of lava, ashes, and sand continued into the following day. The noise of the two boiling cauldrons was heard all over the island. Sand having a sulphurous smell fell to the depth of two inches, and volcanic dust fell so thickly in Bridgetown, Barbados, at 10 A. M. as to cause lamps to be lighted. Several earthquake shocks were felt at the same time in Les Saintes Islands, off the southern extremity of Guadeloupe, and at Marie Galante Island.

October 26. The Volcano Santa Maria, in the province of Quezaltenango, Guatemala, after being quiet many years burst forth in eruption, laying waste the country for a radius of twenty miles, destroying villages and coffee plantations. The loss of life was estimated at 7,000, most of the victims being Indians. The eruption continued to November 9.

November 11. The Volcano Kilauea, Hawaii, broke out in the most violent eruption in twenty years.

November 26. A fifth violent eruption of Soufrière took place.

While all these subterranean disturbances were going on, the meteorological conditions were of an extraordinary character. Cyclones, tornadoes, and excessive rainfalls were startling in their magnitude and frequency. Unusually cool weather immediately followed the St. Pierre disaster of May 8, and was felt most severely in both Europe and America.

## THE GEOLOGICAL INTERPRETATION.

These seismic disturbances may continue for a long time, and no one can predict when or what the end will be. In order to explain the origin or cause of these tremendous forces at work beneath our feet, we must go back to the remote past and trace very briefly the origin and early history of our planet so far as geology is able to interpret the records engraved on the rocky pages of the earth's crust.

Assuming that the Nebular Hypothesis is true—and no reason can be given for rejecting it—the matter composing our earth and moon once existed in a gaseous condition and formed a part of the sun. When this luminary filled the earth's orbit, a huge mass of vaporous matter was abandoned or set free by reason of the superior centrifugal force in the equatorial regions of the contracting mass or sun. This mass of vapor assumed a globular or spherical figure by reason of the mutual attraction of its own particles, and in this condition it threw off a mass of vapor which subsequently became the moon.

As the cooling proceeded, contraction of volume took place and the surface soon became too rigid to repeat the process. After the lapse of an immensely long interval, to be counted only by millions of years, a solid crust was formed on the surface, while within was a molten mass having an inconceivably high temperature. The free oxygen, hydrogen, nitrogen, etc., united to form water and an atmosphere both highly charged with carbonic acid gas.

As the crust became thicker by the cooling of the mass below and by the deposition of sediment from the almost universal ocean whose carbonated waters held carbonate of lime or limestone in solution, tremendous forces were called into existence. The elastic force of the pent-up gases beneath was opposed by the weight of the crust and its superincumbent ocean, but at last the strain became so great that it could no longer be borne. One mighty convulsion after another heaved up from beneath the bottom of the ocean the numerous chains of mountains that now exist on the globe, such for instance as the Laurentian Mountains in Northern Canada, the Appalachian extending from the mouth of the St. Lawrence to Northern Alabama, and at a subsequent date the Rocky and Andes mountains extending from the Arctic Sea to Cape Horn.

Enormous cracks or fissures must have been made in the crust during these mighty upheavals. Some of these cracks or fissures may have been permanently closed by the subsequent contraction and shrinkage of the crust, but many of them have remained partially open and give out hot gases or warm water such as may be found in the Yellowstone region, in the Hot Springs of Arkansas, and numerous other localities.

One of these cracks, or "faults," as they are technically called, extends along the Atlantic coast of the United States from Connecticut to the West Indies and probably on into South America. Another such "fault" no doubt extends through Kamtschatka, the Kurile Islands, Japan, Sumatra, and Java. Weak places also exist in Southern Italy, Asia Minor, and Portugal. The entire western coast of Mexico, Central and South America abounds with numerous active volcanoes, many of which are the loftiest and most violent on the globe.

The subterranean fires also find outlets in Jan Mayen on the east coast of Greenland, in Iceland, the Sandwich Islands, New Zealand, and Terra del Fuego. So far as known no active volcano exists on the Continent of Africa or in Australia. Several extinct volcanoes are found in the United States. In Oregon and Washington there are hundreds of square miles covered with lava which at a remote period flowed out of the craters of the numerous lofty peaks found in that region.

When these cracks or faults are near or under the ocean, water easily finds its way to the heated rocks, where it is converted into steam at enormously high pressure, which will, of course, find an outlet at the point of least resistance. The eruption of Mont Pelée was mainly due to oxy-hydrogen and other gases formed by the decomposition of sea water in contact with the intensely heated lava deep within the volcano. At a temperature of 2,500°C. fully 50 per cent of the steam would be converted into explosive gases at ordinary pressure, but under the enormous pressure that must exist in volcanoes temperatures of 3,000° to 4,000°C. would probably be required to effect this. The chlorine of the common salt, which exists in sea water, would at this temperature become dissociated from the sodium, and during the course of eruption, when the temperature would become lower, it would unite with the free hydrogen and form hydrochloric acid gas, one of the most irritating, poisonous, and suffocating gases known, and quite powerful enough to destroy life even when present in minute quantities.

In St. Pierre the people were instantly killed by the oxy-hydrogen gas explosion, which scorched and burnt everything, even the ships in the harbor. The crater of Mont Pelée is an oblique pit or opening in the side of the mountain, with several tunnel-shaped openings, all pointing directly toward the city, which was thus swept by a nearly horizontal tornado of fire.

Had the crater opening been directed upward, as is usually the case, the destructive energy would have been expended in the upper regions of the air, and with little or no loss of life. The crater of Soufrière is directed upward, and therefore the loss of life has been not from the explosive or poisonous gas, but from the outpour of ashes, lava, mud, etc., which deluged the immediate vicinity.

The eruption of Mont Pelée, though comparatively small in volume, is of great scientific interest by reason of its rare and exceptional character. It is in fact the only one of the kind that has occurred in historic times under circumstances that permitted accurate scientific observation. The more common form of eruption is that of superheated steam under great pressure; such probably was Krakatoa, the most extraordinary of its kind in modern times.

**Electrical Progress in 1902.****IN GENERAL.**

THE year 1902 witnessed remarkable development in all branches of electrical industry. Broadly speaking, a conservative estimate of the increase in the volume of business in this field would be at least 20 per cent, while some branches, particularly telephony, showed even greater improvement. This gratifying condition was not confined to the demands of the home market, but extended through all the channels of foreign trade which have been opened to American electrical manufacturers. There have been a number of very large undertakings intrusted to American engineers and manufacturers during the last year, not the least important of which were contracts for building electric railway, light, and power plants in the British domains, including the notable underground electric railway system of London. Both English and Continental engineers have been amazed by the boldness of American manufacturers and the magnitude of their undertakings. The success which has attended these efforts has had a salutary effect upon European critics who were inclined to be skeptical, but it has not lessened the jealousy of American enterprise, especially in Great Britain.

**ELECTROCHEMISTRY.**

Cheap electric current generated by water power has done much toward developing the electrochemical and electrometallurgical industries in this country of late years. At the present time the value of the output in the United States alone is \$100,000,000 per year. This may almost be considered a new industry—at least new in the sense of being one of the first magnitude—for it is only since cheap power was made available at Niagara that the present development was possible. Now it is proposed to repeat the experience of Niagara at Sault Ste. Marie, where cheap power and other excellent facilities are offered by the opening of the big power plants which will be referred to more particularly under another title. This industry has attained prominence and standing before the public by the organization of an electrochemical society six months ago, in which more than 400 members are already enrolled.

**TELEGRAPHY.**

Undoubtedly the accomplishment of greatest commercial importance in this department during the year was the completion of the British Pacific cable, by the laying of the last section at the Fiji Islands, October 30. This formed the last link between Australia and Vancouver, British Columbia, and of itself was an engineering feat of the first magnitude. But by far the most important feature of the construction work was the section between Bamfield Creek and Fanning Island, which is the longest in the world. It has already undergone a series of tests, and proved entirely equal to expectations. The great question in the success of the cable was over this enormous stretch; but it was found by test to give a speed of over 100 words a minute with the Deerlove transmitter. The actual time occupied in the transmission of a message from Victoria, British Columbia, to Sydney, Australia, will be less than five minutes in the case of a short commercial message.

Marconi continues to surprise and startle the public—and the scientific public, too—by the rapidity with which he has overcome every obstacle in the development of the system of space telegraphy with which his name has become associated. His achievements are certainly marvellous, and his reticence about giving publicity to any of his projects until they have been fully demonstrated lends credence to the belief that he has already established communication over far greater distances than have as yet been announced. It is now accepted as a fact in scientific circles that wireless messages have been transmitted from Cornwall, England, and received at Sydney, Nova Scotia, on the Italian warship Carlo Alberto, which is used by the inventor for his experimental station. There are now in regular service thirty-seven fully-equipped Marconi stations in this country, Europe, East Indian Islands, and Japan, and a large number of vessels crossing the Atlantic utilize this system to advantage.

Further improvements have been made in the system of rapid telegraphy in service between Budapest and Presburg, and telegrams are now transmitted over one wire at the rate of 50,000 to 70,000 words an hour, under ordinary commercial conditions. In this country the system developed by Professor Rowland is being adapted to commercial service; and the results recorded in the tests on a German line, where it has just been introduced, more than meet the expectations of the admirers of the late physicist.

One of the most interesting extensions of telegraphic service was the work accomplished by the United States Signal Corps in 1902, especially in Alaska. This was not confined to the establishment of the military line, as was first contemplated, but comprised an extensive commercial system, connecting Dawson with Fort Egbert, and placing the American territory on the Upper Yukon in direct telegraphic communication with Skagway, so that telegrams can reach Washington in four days. More recently the Canadian line between Dawson and Ashcroft was completed, thus bringing the Upper Yukon region of the United States in direct telegraphic communication with Washington and the commercial world. The completed lines connect Fort Egbert at Eagle City with Dawson; Fort Davis, near Nome City, with Fort St. Michael; Fort Lisicum, at Valdes, on Prince William Sound, with Fort Egbert, over what is popularly known as the all-American route to the Klondike; Fort St. Michael with Fort Gibbon, at the mouth of the Tanana River; the military post at Skagway with Juneau, the capital of Alaska, and Fort Gibbon with Fort Egbert, via Rampart.

The system of telegraph lines and cables in the Philippines has also been increased by 2,600 miles, and there are thirty-one submarine cables 1,326 miles long, and land lines 5,108 miles long; making an aggregate of 6,434 miles.

**TELEPHONY.**

The year witnessed an almost unprecedented growth in this department, and it is safe to say that the percentage of increase in volume of business was greater than in any other branch of the electric industry. The independent companies seem to have recovered from the effects of the set-back which they experienced through the failure of the Everett-Moore syndicate, and they are now devoting most of their attention to the development of business in the smaller cities with the idea of combining these exchanges into a great system. The Bell people have experienced practically no serious opposition in the larger cities, and the much-talked-of independent movements in New York and Chicago seem to have been almost entirely forgotten. The independent movement has really gained strength as a result of this change, and all efforts have been directed toward development in places where better results could naturally be looked for. In New York it is estimated that there are now in actual service in the neighborhood of 90,000 stations. The entire capital invested in telephone systems at the present time in this country is in the neighborhood of \$350,000,000.



## ELECTRICAL PROGRESS IN 1902—Continued.

## ELECTRIC LIGHTING.

The experience of the New York Edison Company, the largest central station corporation of the country, may be accepted as a fair indication of prevailing conditions in all large cities. In spite of the great increase in the capacity of the company's generating plant by the addition of the Waterside station, the demand is so great that it has been obliged to purchase current in large quantities from other plants to meet its customers' wants. The Waterside station, which was opened early in the year, contains the largest steam engines utilized for electric lighting in the world. They are of an entirely new type in American practice, being fitted with poppet valves and designed for using superheated steam. The station is, moreover, the largest of the kind in the world.

The turbo-generator which was put in service in Hartford early in the year probably attracted more attention than any innovation that has been made in central station practice in a decade. This machine is of about 2,500 horse-power capacity, the largest ever built up to the present time, and its performance is being watched very closely. Similar equipments are now being built for lighting the tunnels and stations of the subway in New York.

At the present time it is estimated that there are in the neighborhood of 3,500 central stations throughout the country, supplying current for lighting and power purposes aggregating nearly 2,000,000 horse-power. More than 500,000 arc lamps and fully 3,500,000 incandescents are in regular service.

## ELECTRIC POWER.

The most notable event in the field was the opening of the American Soo plant, October 25—the second largest water power utilized for generating electric current in the United States. Provision has been made for furnishing 50,000 horse-power. The plant is located on the American Sault Ste. Marie, and is practically a duplicate of the plant on the Canadian side. Cheap power, plenty of space for building, and excellent facilities for shipping are offered large manufacturers, and it is expected that they will increase the popularity of electric operation of industrial enterprises.

Some very interesting statistics have been collected upon the amount of electric power used, but it has been found difficult to determine accurately what percentage is used for lighting and what for manufacturing purposes. One company alone in New York City operates several central stations, aggregating 250,000 horse-power, while the isolated electrical plants in the city represent over 100,000 horse-power. The modern office building and the power required in these great structures form a large item when their number is taken into consideration, as about 1,000 horse-power is required to operate the lighting plant, elevators, pumps, and ventilators in a sixteen-story modern building containing 500 offices. New York heads the list of States in the use of water power, and the most notable phase of the application of power to industrial uses has been in the use of the electric current for the transmission and sub-division of power. In New York City the Edison company already alluded to reported upward of 65,000 horse-power of motors connected to its circuits, showing a motor capacity more than thirty times as great as ten years ago, considering only the figures of one company. A corresponding increase is observable elsewhere.

## ELECTRIC RAILWAY.

The electric railway industry has broadened greatly, and is no longer confined to street railways, but includes suburban and interurban service, and even the operation of steam roads through cities. Still greater expansion is promised through the adaptation of the alternating current to the operation of railway motors on long lines. Up to the present time street railway practice in this country has been restricted to the use of direct-current motors, and this type has also been adopted for elevated and other systems, even where there is heavy traffic, although alternating current is generated at the central power station and transmitted at high potential to various points of distribution throughout the system. This necessitates the establishment of sub-stations containing transformers which reduce the voltage, and converters which change the character of the current from alternating to direct, with elaborate switching and controlling systems, so that the power may be used ultimately in operating the car motors. Complicated and expensive apparatus is required at these distributing points, and the cost of attendance and interest on the investment are heavy items in the charges against electric operation.

It has long been the aim of engineers to dispense with these complications. Indeed, on several European roads three-phase alternating current motors have been employed, but, according to American ideas, the results thus far have been on the whole unsatisfactory. During the last year, however, responsible American engineers made great progress. Bion J. Arnold, at the annual meeting of the American Institute of Electrical Engineers, announced that he had succeeded in building a single-phase motor capable of adaptation to railway service. This system is now in operation under commercial conditions, and may therefore be considered an accomplished fact. The Lammé single-phase railway motor system, which was announced later, is along entirely distinct lines from those followed by Arnold, but although experience with this system has been restricted to an experimental shop road, the high standing of the inventor and the facilities at his command warrant the assumption that he has made a valuable contribution to the knowledge of the art. The importance of these discoveries or developments, whichever they may be called, lies in the fact that they insure a greater expansion of the electric railway field than would be possible under present conditions, as they open up the field now occupied exclusively by the steam lines, and permit electricity to compete on a favorable footing with steam for the handling of heavy traffic and the operation of long lines.

Interurban roads are being established in every part of the country, and several fine examples have been opened during the last year. The most prominent of these is the Chicago, Aurora and Elgin line, a high-speed road capable of competing with the best steam lines of the country. This class of road is developing a large freight, express, and parcel delivery business in conjunction with the passenger traffic. There are several interurban systems to-day 100 miles in length.

Among the most striking features in electric railway accomplishment in New York during the year were the opening of the Manhattan electric service, the completion of the construction work on the greater part of the New York subway, and the beginning of work on the building of the tunnel under the East River to connect Brooklyn and Manhattan. The New York Central Railroad determined to adopt electricity for the operation of its trains through the tunnel, and on its suburban lines, and the Pennsylvania Company also decided to build a tunnel under the North River, establish a "terminal" in New York, and extend its lines under the East River into Long Island. These lines will be operated by electricity, and the work on the Pennsylvania improvement alone will involve the expenditure of \$50,000,000.

**Polar Exploration in 1902.**

(Prepared for THE WORLD ALMANAC by Walter Wellman.)

THE last was an unusually interesting year in polar exploration. All three of the expeditions which were at work in the Arctic field returned to civilization during the Summer and early Autumn—Peary, Sverdrup, and Baldwin—and there is not now left in the Arctic a single explorer. It has been a good many years since this has happened. The general public was a good deal puzzled by the return of so many expeditions within a few weeks, but the explanation is very simple. It is only in August or early September that ships can make their way through the belt of floating ice that lies between the northern headquarters of the explorers and the nearest port in a civilized country. At all other seasons of the year the voyage is impossible. It was only a coincidence that brought all three explorers back the same year.

Although all three of the returning expeditions had set out with hopes of reaching the North Pole, or at least of beating all records in the approach thereto, the Pole is still undiscovered, and latitude 86° 33', attained by Captain Cagni, of the Abruzzi (Italian) expedition in 1900, still marks the most northerly march of human feet.

**RESULTS OF PEARY'S EXPLORATION.**

Lieutenant (now Commander) Peary did the most important Arctic work of the year. He attained the farthest north in the western hemisphere, latitude 84° 17', 156 statute miles short of Abruzzi's record, and 404 statute miles from the Pole. He pushed the advance on the American side thirty miles beyond his own best record (established in 1901) and sixty miles beyond the point reached by Lockwood and Brainard, of the Greely expedition in 1882, which had stood as the American record for nineteen years. For his work of a dozen years in the Arctic field Commander Peary has to show a most enviable record. In addition to establishing the American record in approach to the Pole, he has fixed the northern termination of Greenland; he has defined and mapped the islands lying to the north of that great glaciated continent, known as the Greenland Archipelago, the most northerly land known in the world. He has shown by fair inference that from the north of Greenland an ice-covered sea sweeps unbroken to and far beyond the Pole. He has added a good deal of geographical knowledge of the coasts of Greenland and Grinnell Land, and in his earlier sledge trips he gave science its first satisfactory glimpse of the extent and nature of the great ice-cap of Greenland.

Last year Lieutenant Peary had promised his wife should be his last in the Arctic field, and he prepared himself for a final effort to add the North Pole to the list of his achievements. March 6 he left his Winter quarters at Cape Sabine, Grinnell Land (latitude 78° 45'), with his faithful colored assistant, Matt Henson, a number of Eskimo, and eighteen sledges. At his outpost, Ft. Conger (latitude 81° 44'), old headquarters of the Greely expedition, he overtook, March 18, an advance party which had left Cape Sabine March 3. After a rest of a few days Peary started northward along the Grinnell Land coast, reaching Cape Hekla (latitude 82° 55') March 31. He was surprised to find the north end of Robeson Channel all open water to the Greenland coast, and many lanes of water appearing in the ice to the northward. Nevertheless, Peary started, April 1, to cross this treacherous ice-sheet on his journey toward the Pole. He was accompanied by Henson and four Eskimo and the cavalcade consisted of six sledges. Almost from the first unfavorable ice was encountered—old floes covered deep with snow and intersected with rubble ridges and lanes of young ice. This sort of surface was very difficult for the sledge party to make any progress over. The heavy sledges had to be lifted over the ridges, care being exercised not to break them. Here and there a road had to be cut with axes. The lanes of open water, covered over with a thin sheet of young ice, also gave trouble, as the ice was not always strong enough to bear the weight of the men and the sledges.

These conditions grew worse instead of better. April 8 open leads and floes in motion were encountered, and the floes became smaller and the pressure ridges more formidable. "Each day's march was very tortuous," says Lieutenant Peary, "and our general course was deflected west by the character of the ice." The difficulties proved so great that about April 10 Lieutenant Peary found it imprudent to attempt any further advance. He had marched something like ninety-five statute miles upon this rugged, uncertain, and shifting surface, and now he turned his face homeward. This must have been one of the most bitter moments in his career, for when he started southward it was with the knowledge that he had left behind him, probably forever, his ambition to attain the Pole. This was Lieutenant Peary's third effort to cross the sea-ice to the north of Greenland and Grinnell Land. The first time, in 1900, he advanced only eleven miles from the coast, and was compelled to return because the snow was too soft and slushy. That was in May, and it thus became evident that so late in the year the weather is too warm to permit the ice conditions favorable to rapid travel upon the frozen surface of the Arctic Sea. Early in April, 1901, he tried it again, but after a ten days' march found men and dogs out of condition and was compelled to retreat. His third effort, in April of 1902, ended as hereinbefore described.

Lieutenant Peary's experiences and failures have led Arctic men to the conclusion that the Greenland route is not as favorable as the Franz Josef Land route for an advance upon the Pole. Peary might have had a chance to eclipse the record had he wintered at Fort Conger and set out upon his march over the ice-sheet March 1 instead of April 1. Peary had to travel from Cape Sabine to Cape Hekla, a distance of about 330 statute miles, measured by the route actually followed, before he could begin his real "dash for the Pole," over the difficult sea ice. The month of March is invaluable for over-sea sledging, for then the temperatures are low, the snow is hard, the floes show but little movement, and the lanes are covered with strong ice. Notwithstanding the great cold and the scant light of early March, all of that month can be employed by the hardy sledger. Nansen left the Fram at 84° N. latitude March 14, Peary himself has travelled between Sabine and Conger in February, and the Wellman expedition in Franz Josef Land left its headquarters February 18, the earliest known sledging start in high latitudes.

Lieutenant Peary's ship, the *Windward*, arrived at the headquarters at Cape Sabine August 5, Mrs. Peary and young daughter aboard, and left the same day for the south, arriving at St. John's, Newfoundland, in September. Although Lieutenant Peary came back from the north determined not to resume exploration, and to return to his profession of civil engineer in the United States Navy, as this review is written there are rumors that he may lead next year the second expedition in search of the Pole to be sent out by William Ziegler, of Brooklyn.

**SVERDRUP.**

Second in importance in the Arctic field during 1902 was the work of the Norwegian expedition led by Captain Otto Sverdrup, the veteran explorer who was master of Dr. Nansen's *Fram* during the famous drift-voyage through the Arctic Ocean. Sverdrup in the *Fram* entered the Baffin's Bay waters in the Sum-

## POLAR EXPLORATION IN 1902—Continued.

mer of 1898, and emerged during the Summer of 1902. He had hoped to push his ship through Kennedy Channel, Kane Sea, and Robeson Channel to the northern part of Greenland, and then to circumnavigate Greenland and come out through the Spitzbergen Channel to the east. He publicly disclaimed an intention to seek the Pole, but it was well known to his friends in Norway that he meant to make a "dash for the Pole" could he secure with his ship a favorable base from which to start. But he was unable to force the Fram more than a few miles north of Cape Sabine, and there she lay, virtually imprisoned in the ice, for one year. This period of enforced waiting was utilized in exploration of the interior of Ellesmere Land, adding much to the map of that hitherto little known region.

In August, 1899, Sverdrup took his ship some distance into Jones Sound, where she was again imprisoned in the ice, this time for three years. Sledging parties explored Jones Sound and the surrounding islands and lands quite thoroughly. On the west coast of Ellesmere Land a large system of fiords was discovered. In about 78° north latitude a sound was found separating North Cornwall from a tract of new lands situated to the north. These lands are about 130 miles north of the Parry Islands, the most northern land previously discovered in this part of the polar sea. On the west coast of one of the islands the explorers looked out far to the west without seeing any more islands. They reached the northern coast, and here also, looking to the north, they could see nothing but the rough polar ice.

The mapping of the southwest and the western coasts of Ellesmere Land, and the discovery of these islands to the north of the Parry Archipelago, are the main fruits of the Sverdrup Expedition. Throughout their work the explorers were able to capture sufficient walrus for dog meat, and a considerable number of musk oxen provided the explorers with plenty of fresh food. A sledge expedition was sent down Wellington Channel to Beechey Island in order to secure certain supplies, of which they were very much in need, from the cache of the English expedition, planted there many years ago. The supply depot, however, was found to have been destroyed, probably by polar bears, and only a part of the house remained standing.

When Sverdrup returned from one of his sledging expeditions, in May, 1900, he learned the very exciting news that the Fram had been in the greatest danger of being wholly destroyed by fire. The awning had been ignited by a spark from the funnel, and was soon entirely enveloped in flames. The kayaks, or sealskin boats, stored under the awning, as well as other inflammable material, burned fiercely. An iron tank containing about 200 litres of spirits stood in the middle of the fire. The main rigging and the mast caught fire. Fortunately this accident, which might easily have involved a great tragedy, occurred in the middle of the day when there were plenty of men about on the deck, and the flames were extinguished without serious damage to the ship.

Captain Sverdrup returned to Norway in the Autumn of 1902, and was received with much enthusiasm by his countrymen.

## THE BALDWIN-ZIEGLER EXPEDITION.

The Baldwin-Ziegler expedition unexpectedly returned from Franz Josef Land in August, after an absence of but one year. This effort to reach the Pole had been so lavishly equipped, and so well advertised as sure of success, that great things were expected of it. On the return of Mr. Baldwin the disappointing news was learned that he had accomplished almost nothing at all, and that for all this expenditure of money he had to show only the establishment of a depot of supplies about 100 miles north of his headquarters on Algar Island (latitude 80° 25' N.), but still south of the spot at which the expedition of the Duke of Abruzzi wintered 1899-1900, and from which Captain Cagni set forth when he established the record of nearest approach to the Pole—86° 33'. In his depot of supplies at the southern end of Prince Rudolph Land, near the site of the Abruzzi headquarters, Mr. Baldwin planted a large quantity of provisions for dogs and men, intending to make use of them on a future dash for the Pole. Inasmuch as the expedition was fitted out with supplies ample for a sojourn of three or four years, and had left America with the intention of remaining as long as might be necessary to achieve important results, much surprise was expressed at the return of the entire party after an absence of but a single year. Mr. Baldwin says that many of his dogs had perished, though the number surviving was greater than any previous expedition had employed. He also says many of his sledges were broken up in the work of establishing the depot, and that the coal supply of his ship, the *America*, was running short.

Upon his return to the United States Mr. Baldwin was forced to meet various charges against the efficiency of his leadership and management, preferred by members of his party. It thus became apparent that dissensions in the expedition had had much to do with its complete failure and its early abandonment of the field. William Ziegler, of Brooklyn, the financial backer of the expedition, carefully investigated the charges made against Mr. Baldwin, and finally announced that while he intended to send out another expedition in 1903, following the Franz Josef Land route, Mr. Baldwin was not to be in charge of it. Mr. Ziegler's experiment in Arctic exploration has so far cost him about \$350,000, a far greater sum than was ever spent on any other polar expedition, excepting only the three-year effort made by Sir George Nares under the auspices of the Royal Navy and at the expense of the British Government. Mr. Ziegler declares he will continue the search for the Pole regardless of expense.

## THE ANTARCTIC.

During the year no news of importance has come from the Antarctic region, where two well-equipped scientific parties—one English and the other German—have been at work for a year. Some tidings of them may be received during the Winter, which is the Summer or open season in the South Polar area. The German expedition, in the polar ship *Gauss*, left Kiel August 11, 1901, and arrived at Cape Town November 23, the same year, after a voyage of such unexpected duration as to give rise to considerable anxiety. The ship proceeded on her way to the Kerguelen Islands, which lie in latitude 50° south, midway between Cape Good Hope and Australia, and was expected to arrive there in December, 1901. The *Gauss* was specially built for polar work, and carries a large party of scientific men. The British expedition, in the *Discovery*, also built for polar work, left Southampton in August, 1901, for Victoria Land, directly south of New Zealand. There, in about latitude 75° south, it was hoped safe Winter quarters for the ship might be found, and that thence exploration of the great continental glaciated lands of the interior, of which so little is known, could be successfully carried on by means of sledge parties. The German and English expeditions expected to carry on simultaneous scientific observations according to a prearranged plan. A third Antarctic expedition, of Scottish organization, sailed from Edinburgh late in October, 1902, under the command of Professor Bruce.

Comparatively little is as yet known of the vast glaciated continent which it is believed covers the South Pole, and for purely scientific investigation it is now the most promising field of geographic

## POLAR EXPLORATION IN 1902—Continued.

exploration upon the earth's surface. The North Polar Zone, on the other hand, has been so fully explored that there remains to be accomplished in it little beside the sensational feat of attaining the Pole itself.

## RECORD OF THE HIGHEST NORTH.

The following is a record of the highest north made in Arctic exploration during the past three hundred years, in the Eastern and Western Hemispheres, and by both land and sea :

## EASTERN HEMISPHERE.

| COMMANDER.             | Date.       | N. Lat. | Locality.                  |
|------------------------|-------------|---------|----------------------------|
| William Barents.....   | July, 1594  | 77° 20' | Novaya Zemlia.             |
| Ryp Heermskerck.....   | June, 1596  | 79 49   | Spitzbergen Sea.           |
| Henry Hudson.....      | July, 1607  | 80 23   | Spitzbergen Sea.           |
| J. C. Phipps.....      | July, 1773  | 80 48   | Spitzbergen Sea.           |
| William Scoresby.....  | May, 1806   | 81 30   | Spitzbergen Sea.           |
| W. E. Parry.....       | July, 1827  | 82 45   | Spitzbergen Sea.           |
| Nordenskiöld.....      | Sept., 1868 | 81 42   | Spitzbergen Sea.           |
| Julius Payer.....      | April, 1874 | 82 05   | Franz Josef Land.          |
| Frederick Jackson..... | May, 1896   | 81 20   | Franz Josef Land.          |
| Frithjof Nansen.....   | April, 1896 | 86 14   | North of Franz Josef Land. |
| Walter Wellman.....    | March, 1899 | 82 00   | Franz Josef Land.          |
| Duke of Abruzzi.....   | April, 1900 | 86 33   | North of Franz Josef Land. |
| Evelyn Baldwin.....    | April, 1902 | 81 35   | Franz Josef Land.          |

## WESTERN HEMISPHERE.

| COMMANDER.           | Date.       | N. Lat. | Locality.                |
|----------------------|-------------|---------|--------------------------|
| John Davis.....      | June, 1587  | 72° 12' | West Greenland.          |
| Henry Hudson.....    | June, 1607  | 73 00   | Opposite East Greenland. |
| William Baffin.....  | July, 1616  | 77 45   | Smith Sound.             |
| E. K. Kane.....      | June, 1854  | 80 10   | Smith Sound.             |
| C. F. Hall.....      | Aug., 1870  | 82 11   | Greenland waters.        |
| G. S. Nares.....     | May, 1876   | 83 20   | Grinnell Land.           |
| A. W. Greely.....    | May, 1882   | 83 24   | North Greenland.         |
| Robert E. Peary..... | April, 1902 | 84 17   | North of Grinnell Land.  |

## Statistics of the Press.

ROWELL'S American Newspaper Directory for 1902 reports the number of newspapers published in the United States and Canada as 21,305. Of these, 975 were Canadian publications. The following was the frequency of issue: Weekly, 15,104; monthly, 2,777; daily, 2,285; semi-monthly, 277; semi-weekly, 515; quarterly, 159; bi-weekly, 58; bi-monthly, 70; tri-weekly, 55—total, 21,305.

The following table exhibits the number of papers printed in the several States and Canada in 1902:

|                       |       |                       |       |                     |       |                    |        |
|-----------------------|-------|-----------------------|-------|---------------------|-------|--------------------|--------|
| Alabama.....          | 237   | Indiana.....          | 836   | Nebraska.....       | 598   | South Dakota.....  | 269    |
| Alaska.....           | 8     | Indian Territory..... | 106   | Nevada.....         | 30    | Tennessee.....     | 273    |
| Arizona.....          | 53    | Iowa.....             | 1,054 | New Hampshire.....  | 92    | Texas.....         | 757    |
| Arkansas.....         | 260   | Kansas.....           | 677   | New Jersey.....     | 380   | Utah.....          | 72     |
| California.....       | 668   | Kentucky.....         | 303   | New Mexico.....     | 51    | Vermont.....       | 73     |
| Canada.....           | 975   | Louisiana.....        | 185   | New York.....       | 1,863 | Virginia.....      | 238    |
| Colorado.....         | 328   | Maine.....            | 160   | North Carolina..... | 254   | Washington.....    | 24     |
| Connecticut.....      | 173   | Maryland.....         | 199   | North Dakota.....   | 168   | West Virginia..... | 194    |
| Delaware.....         | 41    | Massachusetts.....    | 563   | Ohio.....           | 1,177 | Wisconsin.....     | 673    |
| Dis. of Columbia..... | 76    | Michigan.....         | 802   | Oklahoma.....       | 191   | Wyoming.....       | 38     |
| Florida.....          | 147   | Minnesota.....        | 686   | Oregon.....         | 192   |                    |        |
| Georgia.....          | 337   | Mississippi.....      | 218   | Pennsylvania.....   | 1,356 | Total.....         | 21,305 |
| Idaho.....            | 84    | Missouri.....         | 981   | Rhode Island.....   | 55    |                    |        |
| Illinois.....         | 1,686 | Montana.....          | 87    | South Carolina..... | 137   |                    |        |

In 1901 there were twenty-three papers published in Hawaii, eight in Porto Rico, and four (in English) in the Philippines.

The total number of newspapers published in the world at present is estimated at about 50,000, distributed as follows: United States and Canada, 21,305; Germany, 7,500; Great Britain, 9,500; France, 4,500; Japan, 2,000; Italy, 1,500; Austria-Hungary, 1,200; Asia, exclusive of Japan, 1,000; Spain, 850; Russia, 800; Australia, 800; Greece, 600; Switzerland, 450; Holland, 300; Belgium, 300; all others, 1,000. Of these more than half are printed in the English language.

## INTERNATIONAL LEAGUE OF PRESS CLUBS.

Officers elected at the annual meeting in 1902: *President*—M. P. Curran, Boston Press Club. *Secretary*—C. Frank Rice, Boston Press Club. *Treasurer*—William Cullen Bryant, New York. *Vice-Presidents*—John A. Hennessey, New York; P. C. Boyle, Oil City, Pa.; Cynthia Westover Alden, Philadelphia; Charles Emory Smith, Philadelphia; J. C. Hemphill, Charleston, S. C. *Chairman Executive Committee*—Thomas J. Keenan, Pittsburgh.

## THE ASSOCIATED PRESS.

Directors elected at the annual meeting in New York, September 18, 1902: Whitelaw Reid, New York *Tribune*; C. W. Knapp, St. Louis *Republic*; V. F. Lawson, Chicago *Daily News*; Stephen O'Meara, Boston *Journal*; A. J. Barr, Pittsburgh *Post*; H. W. Scott, Portland *Oregonian*; George Thompson, St. Paul *Dispatch*; W. L. McLean, Philadelphia *Evening Bulletin*; Clark Howell, Atlanta *Constitution*; H. Ridder, New York *Staats-Zeitung*; T. G. Rapier, New Orleans *Picayune*; Frank B. Noyes, Chicago *Record-Herald*; C. H. Grasty, Baltimore *Evening News*; W. D. Brickell, Columbus *Evening Dispatch*; M. H. De Young, San Francisco *Chronicle*. The directors elected the following officers: *President*, Frank B. Noyes; *Vice-Presidents*, Horace White and W. B. Nelson; *Secretary* and *General Manager*, Melville E. Stone; *Assistant Manager*, Charles S. Diehl; *Treasurer*, V. F. Snyder; *Executive Committee*, Whitelaw Reid, Stephen O'Meara, Victor F. Lawson, C. W. Knapp, and F. B. Noyes.

## The Production of Books.

**American Publications, 1901** (including new editions)—Fiction, 2,234; literature and collected works, 720; juvenile, 595; education, 560; law, 540; theology, 533; poetry and drama, 448; biography, correspondence, 428; medicine, 292; physical and mathematical science, 292; history, 283; political and social science, 257; geography, travel, 220; fine arts, 216; useful arts, 197; philosophy, 114; sports and amusements, 70; domestic and rural, 65; humor and satire, 46; works of reference, 31. Total 1901, 8,141; total 1900, 6,356; total 1899, 5,321; total 1898, 4,886; total 1897, 4,928. Of the production of 1901, there were 4,701 books by American authors.

**British Publications, 1901** (including new editions)—Theology, sermons, 519; educational, classical, 618; novels and juvenile works, 1,992; law, 1,16; political and social economy, trade, 455; arts, sciences, and illustrated works, 338; travels, geographical research, 204; history, biography, 531; poetry and the drama, 162; year-books and serials, 314; medicine, surgery, 227; belles-lettres, essays, 325; miscellaneous, including pamphlets, 73. Total 1901, 6,044; total 1900, 7,149.

**German Publications, 1901**—Bibliography, encyclopedias, 476; theology, 2,309; law and political science, 2,246; medicine, 1,685; natural sciences, mathematics, 1,332; philosophy, 439; education, juvenile books, 3,798; language and literature, 1,529; history, 1,012; geography, 1,327; military science, 618; commerce, industrial arts, 1,619; architecture and engineering, 771; domestic economy, agriculture, 835; drama and popular literature, 3,406; art, 837; year-books, 607; miscellaneous, 485. Total 1901, 25,331; total 1900, 24,792.

**French Publications**—Total 1901, 13,053; total 1900, 13,362.

**Italian Publications**—The book publications in Italy in 1900 were 9,975, of which there were on agriculture and commerce, 1,251; medicine, 1,090; history, biography, and geography, 1,008; education, 907; statistics, 893; philosophy and theology, 881; legislation, 865; political economy, 488; philology, 444; science, 332; fiction, 306; poetry, 303; all others, 1,177.

The book productions in the Netherlands in 1898 were 2,984; Switzerland, 2,825; Belgium, 2,272; Denmark, 1,092. The total book publications of the world annually approximate 80,000.

## Statistics of Libraries.

### LARGEST LIBRARIES IN THE WORLD.

| LIBRARIES.                            | No. of Vol.* | LIBRARIES.                        | No. of Vol.* |
|---------------------------------------|--------------|-----------------------------------|--------------|
| Bibliothèque National, Paris.....     | 3,000,000    | New York State Library.....       | 567,015      |
| British Museum, London.....           | 2,000,000    | Royal Library, Munich.....        | 550,000      |
| Imperial Library, St. Petersburg..... | 1,500,000    | Bodleian Library, Oxford.....     | 550,000      |
| Royal Library, Berlin.....            | 1,000,000    | Leipzig University.....           | 500,000      |
| Library of Congress, Washington.....  | 1,000,000    | New York City Library.....        | 500,000      |
| Harvard University Library.....       | 910,000      | Royal Library, Copenhagen.....    | 500,000      |
| Strasbourg University, France.....    | 700,000      | Stuttgart University Library..... | 500,000      |
| New York Public Library.....          | 610,000      | Biblioteca National, Madrid.....  | 500,000      |
| Imperial Library, Vienna.....         | 600,000      |                                   |              |

\*Including pamphlets.

The total number of books in the world is estimated at 4,000,000,000.

### LARGEST LIBRARIES OF THE UNITED STATES.

The following returns for 1900 from the Report of the United States Bureau of Education represent all libraries having over 200,000 volumes:

| LIBRARIES.                  | Volumes.  | Pamphlets. | LIBRARIES.                       | Volumes. | Pamphlets. |
|-----------------------------|-----------|------------|----------------------------------|----------|------------|
| Congressional Library.....  | 1,000,000 | ....       | Yale University.....             | 285,000  | 100,000    |
| Boston Public Library.....  | *772,432  | ....       | Mercantile Library, New York...  | *262,043 | ....       |
| Harvard University.....     | 590,000   | 350,000    | Chicago Public Library.....      | *258,498 | ....       |
| New York City Library.....  | 500,000   | †          | Cornell University.....          | 225,022  | 36,600     |
| New York Public Library‡    | 500,000   | 140,000    | Philadelphia Free Library.....   | *207,585 | ....       |
| New York State Library..... | 423,290   | 143,725    | Cincinnati Public Library.....   | 203,684  | 27,208     |
| University of Chicago.....  | 329,778   | 150,000    | Enoch Pratt Free, Baltimore..... | 202,118  | 15,000     |
| Columbia University.....    | 295,000   | 15,000     | Philadelphia Library Company..   | 201,184  | 31,000     |

\*Including pamphlets. †Has a large collection of pamphlets. ‡Astor, Lenox, and Tilden foundations.

### STATISTICS OF LIBRARIES IN THE UNITED STATES, 1900.

Number of libraries, 5,383; number of volumes, 44,591,851; number of pamphlets, 7,503,588; number of people per library, 14,118; books in libraries per 100 of population, 59.

Classification of libraries: General, 1,979; school, 1,725; college, 189; college society, 53; law, 162; theological, 129; medical, 63; government, 35; State, 43; asylum, etc., 65; Young Men's Christian Association, 82; Masonic, 19; Independent Order of Odd Fellows, 15; other society, 160; scientific, 83; historical, 63; garrison, 11; mercantile, 16.

Of the 5,383 libraries, 988 received \$2,213,715 directly from taxation, 1,016 received \$2,349,294 from State, county, or city appropriations, 714 received \$1,198,955 from endowment funds, 962 received \$448,130 from membership fees and dues, 294 received \$50,742 from book rents, \$19 received \$551,522 from donations, and 1,474 received \$1,000,048 from sources not stated. The total income of 3,115 libraries was \$7,812,406.

## American Library Association.

President—J. K. Hosmer, Public Library, Minneapolis, Minn. First Vice-President—Dr. James H. Canfield, Columbia University Library, New York City. Second Vice-President—Miss Anne Wallace, Carnegie Library, Atlanta, Ga. Secretary—Frederick Winthrop Faxon, 108 Glenway Street, Dorchester, Mass. Recorder—Helen E. Haines, Library Journal, New York City. Treasurer—Gardner M. Jones, Salem (Mass.) Public Library.

The American Library Association is a national body of librarians, organized in 1876, and incorporated in 1879. The present membership is about 1,200.

The next conference of the American Library Association, its twenty-fifth general meeting, is to be held in June, 1903, probably at Niagara Falls, N. Y.

## Literature in 1902.

## NOTABLE BOOKS OF THE YEAR.

It was a year of marked contrasts in national histories—in our own country a period of unexampled prosperity interrupted by a five months' coal strike affecting all classes; in England coronation festivities stopped before begun by the King's illness; in South Africa a three years' fierce war ended by peace terms extraordinarily magnanimous; in the West Indies flourishing islands suddenly made desolate by volcanic irruptions. As usual these world happenings materially affected the character of the year's literary product. Continued prosperity accompanied the publishing trade, with a welcome decrease in "book booming." In round numbers the new books aggregated about 3,500 titles, not including new editions of standard works, which would swell the total output to over 7,000.

## FICTION.

The great "sellers" of the year included "Audrey," by Mary Johnston (story of Colonial Virginia, concerning a beautiful, untaught, friendless orphan girl; also introducing historical characters, like Evelyn Byrd, etc.); "The Virginian," by Owen Wister (a vivid portrayal of the cowboy); "The Mississippi Bubble," by Emerson Hough (action revolving around John Law, the Pierpont Morgan of his time); "Dorothy Vernon of Haddon Hall," by Charles Major (romance of Elizabethan days); "The Fortunes of Oliver Horn," by F. Hopkinson Smith (artist life in New York forty years ago, with glimpses of the old South); "Temporal Power," by Marie Corelli (dealing with the power of princes, the church, and the people); "The Conqueror," by Gertrude Atherton (biography in fiction form of Alexander Hamilton); "The Hound of the Baskervilles," by Conan Doyle ("Sherlock Holmes" detective story), and "The Story of Mary MacLans" (a true and unpleasant human document of a Western girl).

America, its problems and varying life, bulked large in last year's fiction, the West claiming special attention. "The Captain of the Gray Horse Troop," by Hamlin Garland, is a plea for the reservation Indian; "Red Saunders," by Henry W. Phillips; "The Rustler," by Francis McElrath, and "Buell Hampton," by Willis G. Emerson, deal with cowboys and cattle herding; "The Blazed Trail," by Stewart Edward White, is a study of Michigan lumber camps, and Alfred Henry Lewis added two more volumes of "Wolfville" tales. Other American stories were "Philip Longstreth," by Marie Van Vorst (factory life near New York); "Aliens," by Mary T. Wright (present-day South); "Leopard's Spots," by Thomas Dixon, Jr. (discussing the negro problem and reconstruction from a Southern point of view); "The Spenders," by Harry Leon Wilson (tracing the history of the newly rich through three generations); "Morchester," by Charles Datchet (Middle States city life); "The Thirteenth District," by Brand Whitlock; "Marion Manning," by Edith Eustis; "The Henchman," by Mark Lee Luther, and "The Opponents," by Harrison Robertson, all having politics as their motive; "Those Black Diamond Men," by William F. Gibbons (graphically depicting the life of the coal miners); "The Little Brother," by Josiah Flynt (study of child tramp life); "The Climax," by Charles Felton Pidgin (what might have been Aaron Burr's history); "The Pastebord Crown," by Clara Morris (portrays life on the stage); "The Strollers," by Frederick S. Isham (theatrical life of sixty years ago), and "The Minority," by Frank Trevor Hill (trust methods in dealing with manufacturers). Newspaper work in New York enters into James Creelman's "Eagle Blood" and Robert Shackleton's "Many Waters," and an abolition of rents in New York sixty years ago into Ruth Hall's "The Downreter's Son." "Whom the Gods Destroyed," by Josephine Dodge Daskam, and "Melomaniacs," by James Huneker, cleverly present the dangers of the artistic temperament; "The Right Princess," by Clara Louise Burnham, pleads the cause of Christian Science; "Captain Jinks," by Ernest Crosby, protests in satirical form against militarism; "Things that Are Caesar's," by Reginald W. Kauffman, and "The Story of a Strange Career," edited by Stanley Waterloo, and said to be a veritable autobiography, are interesting studies in crime and punishment.

The Civil War was the subject of numerous tales, notably "The Battleground," by Ellen Glasgow, while the Revolution figures in Chambers' "The Maid-at-Arms," J. A. Altsheuler's "My Captive," and Rives' "Hearts Courageous." Martinique is the scene of Mrs. Latimer's "The Prince Inocognito" (cousin of Louis XV.), and "Daniel Everton," by Israel Putnam, shows the United States forces in the Philippines. Omission must not be made of Ottilie A. Liljencrantz's excellent story of the Norsemen's discovery of the New World, called "The Thrall of Lief the Lucky." From a literary viewpoint, "The House with the Green Shutters," by George Douglas (Brown), published late last year, was especially noteworthy. It is a forbidding but powerful story, laid in Scotland, of a hard, sordid man and his family cursed by their own characters. In "The Valley of Decision," Mrs. Edith Wharton wrote a scholarly if somewhat unconvincing story of Italy at the end of the eighteenth century. Special commendation may also be given to "Oldfield," by Nancy Huston Banks (described as the Kentucky "Cranford"); "Typhoon," by Joseph Conrad (storm at sea); "The Lady Paramount," by Henry Harland (idyllic romance); "The Confessions of a Wife," by Mary Adams, an evident pen-name (being a study in morbid femininity); "The Little White Bird," by James M. Barrie (whimsical glimpse into fairy land); "The Rescue," by Anne D. Sedgwick (man marries woman twenty years his elder); "The Two Vanrevels," by Booth Tarkington (an Indiana "comedy of errors" in the '40s), and "The Winding Road," by Elizabeth Godfrey (idyll of the open air). The recent novels by well-known authors were Henry James' "The Wings of the Dove," William D. Howells' "The Kentons," Eden Philpotts' "The River," Bret Harte's "Condensed Novels" (second series), Herbert G. Wells' "The Sea Lady," Sir Gilbert Parker's "Donovan Pasha," Henry Seton Merriman's "The Vultures," John Oliver Hobbes' "Love and the Soul Hunters," Anthony Hope's "The Intrusions of Peggy," Quiller-Couch's "The Westcotes," Marion Crawford's "Cecilia," Frank R. Stockton's "Kate Bonnet," and George W. Cable's "Bylow Hill."

## BIOGRAPHY AND HISTORY.

Biographies of especial merit issued in 1902 were Belloc's "Robespierre," Davidson's "Dumas," Leslie Stephen's "George Eliot," Cary's "William Morris," Mrs. Max Muller's biography of her husband, and Hensman's "Cecil Rhodes," while Herbert Spencer, Charlotte Yonge, Chamberlain, Matthew Arnold, William Black, Chatham, Charles V., and Jane Austen were all accorded creditable treatment. Morley's "Life of Gladstone" was announced but has not yet been published. Darwin's "Letters," Besant's "Autobiography," "Letters Between Bismarck and Kaiser Wilhelm I.," Bank's "Autobiography of a Newspaper Girl," and Mme. Adam's "Recollections" furnish examples of the personal outlook. There were eight works on Napoleon, the most important being Watson's, Rose's, and Dr. Stokoe's, with further light thrown by Napoleon himself in his "Letters to Josephine."

## LITERATURE IN 1902—Continued.

Thirteen books dealt with Shakespeare, including two by Lounsbury, one by Lanier, and a "Shakespeare Cyclopaedia" by Phin, aside from the discussion in books and magazines aroused by the publication of Mrs. Gallup's amazing "Bi-literal Cipher of Sir Francis Bacon." Admirable studies of Ruskin, Tennyson, and Browning were also written. America's great names, historical and literary, were represented by Eggleston's "American Immortals," Pemberton's "Bret Harte," McCall's "Webster" and "Webster's Letters" (hitherto unpublished), Woodberry's "Hawthorne," Thwaites' "Father Marquette" and "Daniel Boone," Riley's "Founder of Mormonism," Sedgwick's "De Champlain," Alderson's "Carnegie," and Barrett's and Smith's "Lincoln," with four books on McKinley, three on Washington, two on Aaron Burr, four on Roosevelt, and two on Longfellow. Of special present-day interest were Edward Everett Hale's "Memories of One Hundred Years," John Russell Young's "Men and Memories," Dr. Cuyler's "Recollections," George Francis Train's "My Life in Many States," Stoddard's "Recollections of a Player," and ex-Secretary Boutwell's "Reminiscences."

From an American point of view President Woodrow Wilson's "History of the American People" was of first importance. In wider field the "History of the World," edited by Helmholt, of which two volumes have appeared, is a monumental historical enterprise. "The Cambridge Modern History," under the editorship of A. W. Ward, with one volume out, may also be commended; likewise John Fiske's posthumous works, "Historical and Literary Essays" and "New France and New England," Traill's "Social England" (vol. 3), McCarthy's "Reign of Queen Anne," and Besant's "London in the Eighteenth Century" were distinct contributions to English history, while ten books were given up to South Africa, nine to China, and six to the Martinique disaster. Over eighty works of American history were published, including seven on the Indians and five on the Philippines. New York City, historically and politically considered, was the subject of twelve books, the best being Hemstreet's, Innes', Wilson's, Singleton's ("Social Life under the First Georges") and Riis' "Battle with the Slum."

## POLITICAL AND SOCIAL.

Territorial expansion, with its resulting colonization problems, and the related questions of trusts and labor and capital were exhaustively treated in 1902. Of special significance were Kidd's masterly work on "Principles of Western Civilization," Colquhoun's "Mastery of the Pacific," and Goldwin Smith's "Commonwealth or Empire;" while Reinsch, Snow, and Schurman discussed colonial administration. Flint's "The Trust," Meade's "Trust Finance," and Bolen's "Plain Facts" are perhaps of most importance in their line. The relation between labor and capital found exceptional treatment in "Labor and Capital" (a discussion of the relation of employer and employed), edited by J. J. Peters; Bishop Spalding's "Socialism and Labor," and Howells' "Labor Legislation," and from its sociological aspect Mrs. Bosanquet's "The Strength of the People," Gladden's "Social Salvation," Casson's "Organized Self Help," Adams' "Democracy and Social Ethics," and Bishop Potter's "The Citizen in His Relation to the Industrial Situation" were full of helpful suggestions. Politics was variously dealt with in Ostrogorski's "Democracy and the Organization of Political Parties," Wood's "Government and the State," and Dunning's "History of Political Theories," and in more specialized works on American affairs like Woodburn's "American Politics," Hart's "Actual Government as Applied Under American Conditions," Salmon's "History of the Appointing Power," and Meyer's "Nominating System." On finance there were Carnegie's "Empire of Business," Lorimer's "Letters of a Self-Made Merchant to His Son" (epitome of modern business life), and Burton's "Financial Crises," with Pratt's interesting description of "The Work of Wall Street." Zeublin wrote comprehensively on "American Municipal Affairs," with a kindred book by Fairlie, and one by Clow on "City Finances in the United States." Of great interest were H. G. Wells' "Anticipations" (clever forecast of future development), Lyman Abbott's "Rights of Man," Mahan's "Retrospect and Prospect" (essays of international relations), Adams' "New Empire" (United States, the fulfilment of the world's history, with its possible future), and Betts' "Leaven in a Great City" (New York's philanthropic and religious activities); and relating especially to England, "Liberalism and Empire" (essays), and "The Onlooker's Notebook" (brilliant comments on public questions).

## LITERATURE.

The year brought seven new editions of Shakespeare, two of Scott, two of Hawthorne, two of Byron, two of Tennyson, and one each of Thackeray, Carlyle, George Eliot, Jane Austen, Poe, Fielding, Fitzgerald, Samuel Lover, Charles Lever, Trollope, Bret Harte, Hazlitt, Hamilton Mabie, and Guizot's "France." A comprehensive survey of English literature was well begun in the first volume of Garnett and Gosse's "Illustrated History of English Literature," and other special literatures were treated in Einstein's "Italian Renaissance in England," Saintsbury's "History of Criticism" (vol. 2), and in Professor Sears' and Professor Trent's books on American literature. Wiener's "Anthology of Russian Literature" and Robertson's "German Literature" must also be noted. Among excellent works of literary criticism were Howells' "Literature and Life," Matthews' "Aspects of Fiction," Brandes' "Main Currents in Nineteenth Century Literature" (vol. 2), Perry's "Study in Prose Fiction," Burton's "Forces in Fiction," Warner's "Fashions in Literature," Halsey's "Our Literary Deluge," and Fisk's "Historical and Literary Essays." New books, prose and poetry, by Materlinck, Stephen Phillips, and Alfred Austin appeared, and coronation odes galore, notably Watson's and Bliss Carman's. Books of reference included a seventeen-volume "New International Encyclopedia," with three volumes published; three volumes of the "Jewish Encyclopedia," Larned's most useful bibliography; "The Literature of American History," and a "Concordance to Milton," taking rank with Skeat's "Concordance to Shakespeare."

## MISCELLANEOUS.

The year's records of exploration departed from main-travelled roads, notably in Norman's "All the Russias" (showing acute, well-trained powers of observation); in Capt. Wellby's "Twixt Sirdar and Menelik" (Abyssinia), in Sir Harry Johnston's "The Uganda Protectorate," in Lumholtz's "Unknown Mexico," and Bishop Potter's "The East of To-Day and To-Morrow," while Belloc's "Path to Rome" was a charming account of a walking tour through rural France and Italy; and Oxford, past and present, was described in John Richard Green's "Oxford Studies" and Corbin's "An American at Oxford." Christian Science, pro and con, was the subject of six books, and the "New Thought" movement also found extended treatment. Podmore's "Modern Spiritualism" and Savage's "Spiritism and Telepathy" best represent the occult sciences. Motor cars were variously written of by five experts. Other books of special interest were Tolstoy's "What Is Religion?" Herbert Spencer's "Facts and Comments" (present-day topics), Henderson's "Education and the Larger Life" (protest against forcing in education, with alternative plan outlined), Crossland's "The Unspeakable Scot," Hapgood's "Spirit of the Ghetto," and Newell's "Irrigation in the United States."

## Copyright Law of the United States.

DIRECTIONS FOR SECURING COPYRIGHT UNDER THE REVISED ACTS OF CONGRESS, INCLUDING THE PROVISIONS FOR FOREIGN COPYRIGHT, BY ACT OF MARCH 3, 1891.

SECTION 4,952 of the Revised Statutes of the United States, in force December 1, 1873, as amended by the act of June 18, 1874, as amended by the act of March 3, 1891, provides that the author, inventor, designer, or proprietor of any book, map, chart, dramatic or musical composition, engraving, cut, print, or photograph or negative thereof, or of a painting, drawing, chromo, statuary, and of models or designs intended to be perfected as works of the fine arts, and the executors, administrators, or assigns of any such person, shall, upon complying with the provisions of this chapter, have the sole liberty of printing, reprinting, publishing, completing, copying, executing, finishing, and vending the same; and, in the case of a dramatic composition, of publicly performing or representing it, or causing it to be performed or represented by others. And authors or their assigns shall have exclusive right to dramatize or translate any of their works for which copyright shall have been obtained under the laws of the United States.

### PRINTED TITLE REQUIRED.

A printed copy of the title of the book, map, chart, dramatic or musical composition, engraving, cut, print, photograph, or chromo, or a description of the painting, drawing, statue, statuary, or model or design for a work of the fine arts, for which copyright is desired, must be delivered to the Librarian of Congress, or deposited in the mail, within the United States, *prepaid*, addressed "LIBRARIAN OF CONGRESS, WASHINGTON, D. C." This must be done on or before day of publication in this or any foreign country.

The printed title required may be a copy of the title-page of such publications as have title-pages. In other cases, the title must be printed expressly for copyright entry, with name of claimant of copyright. The style of type is immaterial, and the print of a typewriter will be accepted. But a separate title is required for each entry. The title of a periodical must include the date and number; and each number of a periodical requires a separate entry of copyright. Blank forms of application are furnished.

### FEE.

The legal fee for recording each copyright claim is 50 cents, and for a copy of this record (or certificate of copyright) under the seal of the office an additional fee of 50 cents is required, making \$1, if certificate is wanted, which will be mailed as soon as reached in the records. No money is to be placed in any package of books, music, or other publications. A money order or express order avoids all risk. In the case of publications which are the production of persons not citizens or residents of the United States, but who are citizens or subjects of any country with which the United States has copyright agreement, the fee for recording title is \$1, and 50 cents additional for a copy of the record. Certificates covering more than one entry in one certificate are not issued. Express orders, money orders, and currency only taken for fees. No postage stamps received.

### DEPOSIT OF COPIES.

Not later than the day of publication in this country or abroad, two complete copies of the best edition of each book or other article must be delivered at the office of the Librarian of Congress, or deposited in the mail within the United States, addressed "LIBRARIAN OF CONGRESS, WASHINGTON, D. C.," to perfect the copyright.

The freight or postage must be prepaid, or the publications inclosed in parcels covered by printed penalty-labels, furnished by the Librarian, in which case they will come FREE by mail (*not express*), without limit of weight, according to rulings of the Post-Office Department. Books must be printed from type set in the United States or plates made therefrom; photographs from negatives made in the United States; chromos and lithographs from drawings on stone or transfers therefrom made in the United States. In the case of paintings, drawings, statuary, or models or designs for works of art, a photograph of the article is to be sent in lieu of the two copies. Without the deposit of copies required the copyright is void, and a penalty of \$25 is incurred. No copy is required to be deposited elsewhere.

The law requires one copy of each new edition wherein any substantial changes are made to be deposited with the Librarian of Congress.

### NOTICE OF COPYRIGHT.

No copyright is valid unless notice is given by inserting in every copy published, on the title-page or the page following, if it be a book; or if a map, chart, musical composition, print, cut, engraving, photograph, painting, drawing, chromo, statue, statuary, or model or design intended to be perfected as a work of the fine arts, by inscribing upon some visible portion thereof, or on the substance on which the same is mounted, the following words, viz.: "Entered according to act of Congress, in the year —, by —, in the office of the Librarian of Congress, at Washington," or at the option of the person entering the copyright, the words: "Copyright, 19—, by —."

The law imposes a penalty of \$100 upon any person who has not obtained copyright who shall insert the notice, "Entered according to act of Congress," or "Copyright," etc., or words of the same import, in or upon any book or other article, whether such article be subject to copyright or not.

### TRANSLATIONS.

The copyright law secures to authors and their assigns the exclusive right to translate or to dramatize any of their works; no notice is required to enforce this right.

### DURATION OF COPYRIGHT.

The original term of copyright runs for twenty-eight years. Within six months before the end of that time, the author or designer, or his widow or children, may secure a renewal for the further term of fourteen years, making forty-two in all.

### RENEWALS.

Application for renewal must be accompanied by printed title and fee; and by explicit statement of ownership, in the case of the author, or of relationship, in the case of his widow or children, and must state definitely the date and place of entry of the original copyright. Within two months from date of renewal the record thereof must be advertised in an American newspaper for four weeks.

### TIME OF PUBLICATION.

The time of publication is not limited by any law or regulation, but the courts have held that it should take place "within a reasonable time." A copyright may be secured for a projected as well as for a completed work. But the law provides for no caveat or notice of interference—only for actual entry of title.

### ASSIGNMENTS.

Copyrights are assignable by any instrument of writing. Such assignment is to be recorded in the office of the Librarian of Congress within sixty days from execution, "in default of which it shall be void as against any subsequent purchaser or mortgagee for a valuable consideration, without notice." The fee for this record and certificate is \$1, and for a certified copy of any record of assignment \$1. A copy of the record (or duplicate certificate) of any copyright entry will be furnished, under seal of the office, at the rate of 50 cents each.



## The Hall of Fame.

MARCH 5, 1900, the Council of New York University accepted a gift of \$100,000 from a donor, whose name was withheld, for the erection and completion on University Heights, New York City, of a building to be called "The Hall of Fame for Great Americans." A structure was accordingly built in the form of a semi-circle, 506 feet long, 15 feet wide, and 170 feet high, connecting the University Hall of Philosophy with the Hall of Languages. Within the colonnade 150 panels, each 2 by 8 feet, are to be placed, to bear the names of Americans deemed the greatest in their respective fields. Under the rules adopted only persons born on what is now United States territory and who shall have been dead ten or more years are eligible to be chosen, and they must be selected from fifteen classes of citizens, to wit: Authors and editors, business men, educators, inventors, missionaries and explorers, philanthropists and reformers, preachers and theologians, scientists, engineers and architects, lawyers and judges, musicians, painters and sculptors, physicians and surgeons, rulers and statesmen, soldiers and sailors, distinguished men and women outside the above classes. Fifty names were to be inscribed on the tablets at the beginning, and five additional names every fifth year thereafter, until the year 2000, when the 150 inscriptions will be completed. Should there be a failure to select the entire fifty names at the beginning the vacancies shall be filled in a following year.

The rules prescribed that the Council should invite nominations from the public. Every nomination seconded by a member of the University Senate should be submitted to an electorate of one hundred eminent citizens selected by the Council, each of whom must vote for fifty of the candidates.

In October, 1900, the University Senate received the ballots of the judges. Of the one hundred judges selected ninety-seven voted. The number of names which had been submitted to them was 252. Of these each judge returned a vote for fifty. The rule required that no candidate receiving less than fifty-one votes could be accepted. The returns showed that but twenty-nine candidates received the required number and were chosen. These were as follows: George Washington, Abraham Lincoln, Daniel Webster, Benjamin Franklin, Ulysses S. Grant, John Marshall, Thomas Jefferson, Ralph Waldo Emerson, Henry W. Longfellow, Robert Fulton, Washington Irving, Jonathan Edwards, Samuel F. B. Morse, David G. Farragut, Henry Clay, Nathaniel Hawthorne, George Peabody, Robert E. Lee, Peter Cooper, Eli Whitney, John J. Audubon, Horace Mann, Henry Ward Beecher, James Kent, Joseph Story, John Adams, William E. Channing, Gilbert Stuart, Asa Gray.

It was decided to select the remaining twenty-one names of the first fifty in 1902, under the same rules, but as the official book was not ready until late in 1901, the Senate reconsidered its action and decided to do no more than it was required to do by the deed of gift, namely, to fill the vacant panels in 1905. At that time, therefore, twenty-six panels will be filled. All names which received as many as ten votes in the first trial can be voted for. The same judges will act. Provision will be made for an additional wall having thirty panels, to contain the names of foreign-born Americans.

## The Carnegie Institution,

OF WASHINGTON, D. C.

ANDREW CARNEGIE on January 28, 1902, by a deed created a trust for the benefit of the Carnegie Institution, of Washington, D. C., the introductory part of said deed being in these terms:

I, Andrew Carnegie, of New York, having retired from active business, and deeming it to be my duty and one of my highest privileges to administer the wealth which has come to me as a trustee in behalf of others; and entertaining the confident belief that one of the best means of discharging that trust is by providing funds for improving and extending the opportunities for study and research in our country; and having full confidence in the gentlemen aforementioned, who have at my request signified their willingness to carry out the trust which I have confided to them; therefore I have transferred to these, the Trustees of the Carnegie Institution, of Washington, ten millions of registered five per cent bonds of the United States Steel Corporation.

The Trustees include the President of the United States and other eminent citizens.

The Carnegie Institution will undertake:

First—To promote original research by systematically sustaining projects of broad scope that may lead to the discovery and utilization of new forces for the benefit of man, pursuing each with the greatest possible thoroughness.

Second—Projects of universal scope that fill in gaps of knowledge of particular things or restricted fields of research.

Fifth—The administration of a department of scientific research under a single director of competent methods.

Sixth—The appointment of research assistants.

Seventh—To increase the facilities for higher education by (a) original research in universities and institutions of learning; (b) by such means as may be practicable and advisable.

The selection of a site for a home for the Institution in Washington is under consideration.

The officers of the Carnegie Institution are:

President of the Institution—Dr. Daniel C. Gilman.

Officers of the Board of Trustees—Abram S. Hewitt, Chairman; Dr. John S. Billings, Vice-Chairman; Dr. Charles D. Walcott, Secretary.

Executive Committee—Abram S. Hewitt, Charles D. Walcott, John S. Billings, Daniel C. Gilman, S. Weir Mitchell, Elihu Root, Carroll D. Wright.

Assistant Secretary—Marcus Baker.

The office of the Institution is at 1439 K Street, Washington, D. C.

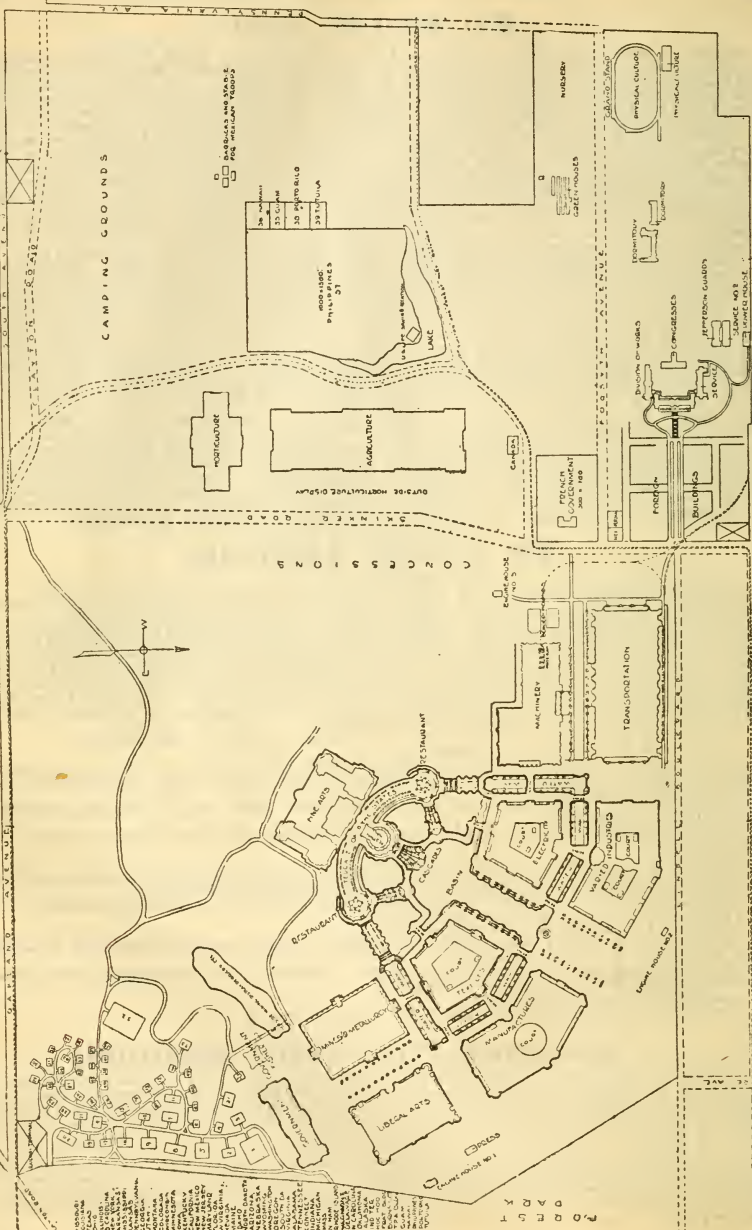
## Jamestown Tercentennial Exposition.

ON May 13, 1907, will occur the three hundredth anniversary of the settlement at Jamestown, Virginia, by the English. It will be commemorated by an international exposition. The Virginia Legislature has chartered the Jamestown Exposition Company, which has been organized with General Fitzhugh Lee as President. The incorporators number 100 of the leading citizens of Virginia. The act of incorporation provides that the organizers shall have subscribed by January 1, 1907, the sum of \$1,000,000. A site for the exposition has been selected at Sewall's Point, a sandy spot projecting into Hampton Roads about six miles directly north of Norfolk, and, therefore, close also to Newport News, Hampton, and Old Point Comfort. The magnificent harbor at the disposal of the exposition enterprise will afford a means for display on original lines, and which will be of surpassing beauty and accessibility at a smaller financial expenditure than expositions of similar importance have required.

D. Q. FRANCIS  
PRESIDENT  
DIRECTOR OF WORKS

LOUISIANA EXPOSITION  
WORLD'S FAIR  
ST. LOUIS 1904 MISSOURI

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- 96. 100' x 100' CEMENT WALK
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RESTAURANT  
LOBBY  
MUSEUM  
GALLERY  
MUSIC HALL  
THEATRE  
LECTURE HALL  
OFFICE  
RECORDS  
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CAMPING GROUNDS  
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## The World's Fair at St. Louis in 1904.

### PRELIMINARY WORK—FINANCES.

THE year 1903 will see the construction of what is intended to be the greatest exposition in all history, to celebrate in 1904 the centennial of the Louisiana Purchase. By act of Congress June 30, 1902, the Exposition was postponed from 1903 to 1904. While the official title is the "Louisiana Purchase Exposition," the shorter name "World's Fair," is preferred by the public and used by the Exposition in its literature. Agitation looking to the celebration of the Louisiana Purchase centennial Stephens of Missouri, in response to a popular sentiment, called a convention of the twelve States and two Territories in the Purchase for January 10, 1899. The States and Territories concerned were Montana, Wyoming, North Dakota, South Dakota, Minnesota, Iowa, Nebraska, Colorado, Kansas, Missouri, Arkansas, Indian Territory, Oklahoma, Louisiana. This convention met at the Southern Hotel, in St. Louis, all of these States and Territories being represented and the convention consisting of ninety-three delegates.

Up to this time the building of some sort of memorial structure had been talked of, one suggestion being that of a great museum, but with the meeting of the convention the broader idea of a great international exposition was evolved. St. Louis, the metropolis of the Purchase, was unanimously chosen as the city in which the Exposition should be held, and the responsibility was promptly accepted by her representatives. The sum of \$5,000,000 was raised by private subscription, and the city of St. Louis issued \$5,000,000 in bonds in the furtherance of the enterprise. The United States Government added \$5,000,000 to this fund by act of Congress March 4, 1901. The appropriation bill provided for a government commission of nine members, who were at once appointed by President McKinley. A board of lady managers was also authorized.

### CONSTRUCTION WORK.

Seven sites were offered in and about St. Louis and a choice made on June 25, 1901, when the western half of Forest Park with adjacent lands was agreed upon by the Board of Directors. The total area taken is 1,180 acres, the site being in the form of a parallelogram approximately one mile wide by two miles long. The grounds are in the western part of St. Louis, six miles from the Mississippi River, and lying partly in St. Louis County. The land is hilly, and for that reason will give to the World's Fair an aspect widely different from that of any former exposition. About half the land is covered with forest trees, which have been removed only when necessary to make room for a building. This abundance of shade will also add immeasurably to the beauty of the completed Exposition. The clearing of the site was begun in August, 1901, and on September 3 the first stake was driven. The first shovelful of earth, marking the beginning of building construction, was lifted by President Francis December 20, 1901, the mercury registering ten degrees below zero. First contracts for exhibit buildings were let in February, 1902. The Textiles building was completed in 1902, and the construction of nearly all the other large buildings was well advanced.

### THE IMPORTANT BUILDINGS.

A total of fifteen great exhibit buildings is provided for in the general plan. These buildings, dimensions, and cost are as follows: United States Government, 800 by 200 feet, cost, \$400,000; Education, 400 by 600, cost, \$350,000; Art, 836 by 451, cost, \$1,000,000; Liberal Arts, 525 by 750, cost, \$475,000; Manufactures, 525 by 1,200, cost, \$719,399; Varied Industries, 525 by 1,200, cost, \$604,000; Textiles, 525 by 750, cost, \$319,399; Machinery, 525 by 1,000, cost, \$496,957; Electricity, 525 by 750, cost, \$399,940; Transportation, 525 by 1,300, cost, \$700,000; Agriculture, 600 by 1,600, cost, \$800,000; Horticulture, 400 by 800, cost, \$200,000; Forestry and Fisheries, 400 by 600, cost, \$350,000; Ordnance building, dimensions to be determined. In the "main picture" eight buildings are grouped in the northeastern part of the grounds upon a nearly level portion of the site. These are the Manufactures, Liberal Arts, Mines, and Textiles, which lie east of a broad central avenue; Varied Industries, Transportation, Electricity, and Machinery, which are west of the avenue. A highly ornate festival hall and curved screen crown the hill southwest of the group, and the three palaces of Art are a few rods further south on the hill. The magnificent building of the United States Government is on the hill southeast of the group. The arrangement is fan-shaped the Art group being at the apex and the avenues forming the ribs. The Agriculture, Horticulture, and other buildings are on high ground to the westward. Contracts call for the completion of all buildings and all important features during the season of 1903.

### LANDSCAPE FEATURES, ELECTRICAL EFFECTS, SCULPTURE.

Avenues between the buildings in the "main picture" are 300 to 600 feet wide. They will be enriched with flowers and shrubs in formal array. Sculpture will be placed at salient points and the history and progress of the Louisiana Purchase will be told in the sculptured figures and groups. Practically all the noted sculptors of the United States are engaged upon this work. About 250 original groups, containing 1,650 figures, will make up this feature of the Exposition. These groups will adorn entrances to buildings, gateways, bridges, balconies, gardens, and fountains. A most picturesque feature is arranged in a natural amphitheatre between the Art buildings and the others of the group. Three great cascades will tumble down the slope, discharging into the grand basin. This lively picture will be made brilliant at night with a flood of electric light.

The most extraordinary electrical display ever undertaken is promised for this Exposition. The grand basin is a part of a lagoon system, more than a mile in extent, the waterways encircling the Electricity and Textile buildings. The Festival Hall, the lofty feature of this central picture, will cover two acres. The design is rich in festive detail, and the proportions imposing and graceful.

### SCOPE OF THE EXPOSITION.

The Exposition aims to cover every important activity of the human hand and mind. The fifteen exhibit departments are as follows: Education, Liberal Arts, Manufactures, Machinery, Electricity, Transportation, Agriculture, Horticulture, Forestry, Mines and Metallurgy, Fish and Game, Anthropology, Social Economy, Physical Culture. A series of International Congresses will be held, bringing together famous scholars from every part of the world. These congresses will cover a wide range of

## THE WORLD'S FAIR AT ST. LOUIS IN 1904—Continued.

thought in law, medicine, religion, engineering, economics, philosophy, &c. In all its features, where practicable, the Exposition will show methods, processes, appliances, and machinery in active use. The production of articles of usefulness and value will be carried on to an extent never before attempted at an Exposition. Electric current to the amount of more than 20,000 horse-power will be supplied to turn the wheels of the Exposition, drive the intra-mural railway, nearly ten miles in length, and to supply electric lights and the water service for cascades and fire protection.

## STATE AND FOREIGN PARTICIPATION.

Indications point to an almost complete representation at the Exposition on the part of States of the Union and the governments of the world. Up to November 1, 1902, acceptances had been received from twenty-three foreign governments, while the Governors of thirty-four States and Territories of the United States had appointed commissions to prepare and install exhibits at the Exposition. Many of the States have made large appropriations for this purpose, notably: Missouri, \$1,000,000; Illinois, \$250,000; Iowa, \$125,000; New York, \$100,000; Louisiana, \$100,000; Philippine Islands, \$500,000; Kansas, \$75,000; Ohio, \$75,000; Colorado, \$50,000; Minnesota, \$50,000; Arkansas, \$30,000; Maryland, \$25,000; Wisconsin, \$25,000; Porto Rico, \$20,000; New Mexico, \$20,000. Texas is raising a fund of \$300,000. Counties of California have made appropriations ranging from \$2,000 to \$20,000 each. Appropriations and increases of those already made will be made by many States during 1903. France has made a preliminary appropriation of \$125,000; Canada, \$120,000; Japan, \$250,000. China will be represented by an Imperial Commission.

## AIRSHIP CONTESTS.

The Board of Directors has set aside \$200,000 to be offered as prizes and to defray the expenses of a tournament of airships. The grand prize for the most successful dirigible airship is \$100,000, lesser prizes being offered for special work. Information from all parts of the world indicates a large number of entries. The course is ell-shaped and the entire flight of ships in the contest less than fifteen miles. The starting point and finish are at the angle in the ell, the ships being required to make a turn at the two extremes.

Other important features of the Exposition will be a horse show upon fashionable lines, a live stock show covering twenty-five acres, the Philippine exhibit covering forty acres, special exhibits from Hawaii, Guam, and Porto Rico.

## OFFICERS OF THE EXPOSITION.

President, David R. Francis; First Vice-President, Corwin H. Spencer; Second Vice-President, Samuel M. Kennard; Third Vice-President, Daniel M. Houser; Fourth Vice-President, Cyrus P. Walbridge; Fifth Vice-President, Seth W. Cobb; Sixth Vice-President, Charles H. Huttig; Seventh Vice-President, August Gehner; Eighth Vice-President, Pierre Chouteau; Treasurer, Wm. H. Thompson; Secretary, Walter B. Stevens; General Counsel, James L. Blair.

## EXECUTIVE DIVISIONS.

Division of Exhibits: Director, Frederick J. V. Skiff; Chief of Education, Howard J. Rogers; Chief of Art, Halsey C. Ives; Chief of Liberal Arts, John A. Ockerson; Chief of Manufactures, Milan H. Hulbert; Chief of Machinery, Thomas M. Moore; Chief of Electricity, W. E. Goldsborough; Chief of Transportation, W. A. Smith; Chief of Agriculture, Frederic W. Taylor; Acting Chief of Horticulture, Frederic W. Taylor; Acting Chief of Forestry, Tarleton H. Bean; Chief of Mines and Metallurgy, J. A. Holmes; Honorary Chief of Mines and Metallurgy, David T. Day; Chief of Fish and Game, Tarleton H. Bean; Chief of Anthropology, to be filled; Chief of Social Economy, Howard J. Rogers; Chief of Physical Culture, to be filled; Director of International Congresses, to be filled.

Division of Exploitation: Director, to be filled; Commissioner to Europe, Thomas W. Cridler; Commissioner to Italy, Vittorio Zeggio; Commissioner to Norway and Sweden, C. F. Wennerstrum; Commissioner-General to Oriental Countries, John Barrett; Commissioner to the Argentine Republic, Chile, Uruguay, Paraguay, Bolivia, José de Olivares; Commissioner to Brazil, John Taylor Lewis; Commissioner to Peru, Ecuador, Colombia, Venezuela, Ernest H. Wauds; Commissioner to Cuba, Charles M. Pepper; Commissioner to Central American Countries, John Rice Chandler; Resident Representative in London, George F. Parker; Resident Representative in Paris, Palmer L. Bowen; Resident Representative in Berlin, Joseph Brucker.

Division of Works: Director, Isaac S. Taylor; Chief Civil Engineer, R. H. Phillips; Chief Electrical and Mechanical Engineer, Henry Rustin; Chief of Design, E. L. Masqueray; Chief of Sculpture, Frederick W. Ruckstuhl; Chief Landscape Architect, George E. Kessler; Chief Building Engineer, Philip J. Markmann; Chief Draughtsman, W. H. H. Weatherwax.

Division of Concessions and Admissions: Director, Norris B. Gregg.

Medical Department: Medical Director, Leonidas H. Laidley.

Jefferson Guard: Commandant, Major Edwin A. Godwin, Seventh United States Cavalry.

United States Commissioners (appointed by the President): President, Thomas H. Carter, Montana; Vice-President, Martin H. Glynn, New York; John M. Thurston, Nebraska; William Lindsay, Kentucky; George W. McBride, Oregon; Frederick A. Betts, Connecticut; John M. Allen, Mississippi; John F. Miller, Indiana; Philip D. Scott, Arkansas; Secretary, Joseph Flory.

Board of Lady Managers: President, Mrs. James L. Blair; First Vice-President, Mrs. Edward L. Buchwalter; Second Vice-President, Mrs. Finnis P. Ernest; Third Vice-President, Mrs. Helen Boice Hunsicker; Fourth Vice-President, Miss Anna L. Dawes; Fifth Vice-President, Mrs. Belle Everest; Sixth Vice-President, Mrs. M. H. De Young; Seventh Vice-President, Mrs. Fannie L. Porter; Secretary, Mrs. Frederick Hanger; Miss Helen M. Gould, Mrs. Lewis D. Frost, Mrs. John A. Holcombe, Mrs. W. E. Andrews, Mrs. Emily W. Roebing, Mrs. Jennie Gilmore Knott, Mrs. William H. Co'eman, Mrs. Margaret P. Daly, Mrs. Mary Phelps Montgomery, Mrs. John Miller Horton, Mrs. Daniel Manning, Mrs. Josephine Sullivan, Mrs. A. L. Mayhoff, Mrs. Annie McLean Moore.

Government Board in Charge of Exhibits: Chairman, J. H. Brigham; Major Frank Strong, Wallace H. Hills, G. W. W. Hanger, J. B. Brownlow, W. de C. Ravenal, Edward M. Dawson, Williams C. Fox, William H. Michael, B. F. Peters, J. C. Scofield, Dr. F. W. True, Roland P. Faulkner; Secretary, W. V. Cox; Disbursing Officer, William M. Geddes; Supervising Architect, James Knox Taylor.

## THE WORLD'S FAIR AT ST. LOUIS IN 1904—Continued.

Chairmen of State Commissions to the World's Fair—Alabama, J. M. Falkner, Montgomery; Arkansas, George R. Belding, Hot Springs; Arizona, W. H. Barns, Tucson; Colorado, George W. Thatcher, Aspen; Connecticut, H. B. Carter, Waterbury; Florida, M. E. Bishop, Washington, D. C.; Georgia, Wm. H. Venable, Atlanta; Hawaii, F. A. Schaefer, Honolulu; Idaho, I. B. Perrine, Blue Lake; Illinois, H. M. Dunlap, Savoy; Indian Territory (Cherokee Nation), Joe M. Hay, Clarendon; (Creek Nation), Gen. Pleasant Porter, Muskogee; (Seminole Nation), John P. Brown, Sasakwa; (Choctaw Nation), O. W. Dukes, Talabina; (Chickasaw Nation), D. H. Johnston, Emmett; Iowa, William Larrabee, Clermont; Kansas, John C. Carpenter, Chanute; Kentucky, Arthur Y. Ford, Louisville; Maine, Louis B. Goodall, Sanford; Mississippi, R. H. Henry, Jackson; Montana, A. J. Davidson, Helena; Missouri, M. Y. Davis, Aurora; Nebraska, G. W. Wattle, Omaha; New Hampshire, F. E. Kaley, Milford; New Jersey, Foster M. Voorhees, Elizabeth; New York, Edward Harriman, 120 Broadway, New York; New Mexico, H. L. Waldo, Albuquerque; North Dakota, Frank White, Bismarck; Oklahoma, Jos. Meibergen, Enid; Pennsylvania, Gov. William A. Stone, Harrisburg; South Carolina, Gov. M. B. McSweeney, Columbia; Texas, John H. Kirby, Houston; Washington, Elmer E. Johnston, Everett; West Virginia, N. E. Whitaker, Wheeling; Wisconsin, W. D. Hoard, Ft. Atkinson; Wyoming, F. A. Slack, Cheyenne.

**Organizations for the Promotion of Education.****THE PEABODY EDUCATION FUND.**

IN 1867 and 1869 George Peabody established a fund of \$3,500,000, to be devoted to education in the Southern States of the Union. Of this amount \$1,380,000 being in Mississippi and Florida bonds was not available, those of Mississippi having been repudiated and those of Florida issued while it was a territory, never having been recognized as legal by its authorities. The fund was placed in the charge and control of fifteen trustees, of whom Mr. Robert C. Winthrop, of Massachusetts, was the chairman. Mr. Peabody died in London in 1869. The trustees hold meetings annually, usually in New York. They fill vacancies caused by death or resignation. The present trustees are: Chief Justice Fuller, President of the board; Joseph Choate, First Vice-President; D. C. Gilman, Second Vice-President; Jabez L. M. Curry, LL.D., General Agent; J. Pierpont Morgan, M. K. Jesup, of New York; President Theodore Roosevelt, of New York; Samuel A. Green, Richard Olney, and George F. Hoar, of Massachusetts; ex-Mayor William A. Courtenay, of South Carolina; James D. Porter, of Tennessee; Henderson M. Somerville, of New York; George Peabody Wetmore, of Rhode Island; Charles E. Fenner, of Louisiana; Hoke Smith, of Georgia, and Right Rev. William C. Doane, Dr. Curry is general agent of the fund, with headquarters at Washington, D. C., and has charge of the distribution of the fund in the several Southern States. In its earlier history the chief aim of the fund was to encourage and secure the establishment of public school systems for the free education of all children. That having been accomplished, the income of the fund is now used for the training of teachers through Normal Schools and Teachers' Institutes.

**THE JOHN F. SLATER FUND.**

IN 1882 Mr. John F. Slater, of Connecticut, placed in the hands of trustees the sum of \$1,000,000, for the purpose of "uplifting the lately emancipated population of the Southern States and their posterity." For this patriotic and munificent gift the thanks of Congress were voted, and a medal was presented. Neither principal nor income is expended for land or buildings. Education in industries and the preparation of teachers are promoted in institutions believed to be on a permanent basis. The board consists of D. C. Gilman, of Johns Hopkins University, as President; Chief Justice Fuller, as Vice-President; Morris K. Jesup, as Treasurer; J. L. M. Curry, as Secretary and General Manager, and Dishops Potter and Galloway, and Messrs. William E. Dodge, William A. Slater, John A. Stewart, Alexander E. Orr, and William H. Baldwin, Jr. The fund is a potential agency in working out the problem of the education of the negro, and over half a million of dollars has already been expended. By the extraordinary fidelity and financial ability of the treasurer, the fund, while keeping up annual appropriations, has increased to \$1,500,000. Schools established by States, denominations, and individuals are helped by annual donations. Among the most prominent are the Hampton Normal and Industrial, the Spelman, the Tuskegee, and schools at Orangeburg, S. C.; Tougaloo, Miss.; Marshall, Tex.; Raleigh, N. C.; New Orleans, the Meharry Medical College at Nashville, etc.

**THE SOUTHERN EDUCATION BOARD.**

The Southern Education Board of the Conference for Education in the South—the outcome of the Capon Springs and Winston-Salem Conferences—has been organized with these officers and members: *Chairman*, Robert C. Ogden, New York; *Secretary*, C. D. McIver, Greensboro, N. C.; *Treasurer*, George Foster Peabody, New York; *Supervising Director*, J. L. M. Curry, Washington, D. C.; *Director of Bureau of Investigation, Information, and Literature*, C. W. Dabney, Knoxville, Tenn. The object of this organization is to awaken and inform public opinion and secure additional legislation and revenues for the betterment of the public schools, "the supreme public need of our time."

**THE GENERAL EDUCATION BOARD.**

The General Education Board was organized in New York February 27, 1902, with William H. Baldwin, Jr., as Chairman; George Peabody Foster, Treasurer; Wallace Buttrick, Secretary, and Dr. J. L. M. Curry, F. G. Gates, D. C. Gilman, Morris K. Jesup, R. C. Ogden, Walter H. Page, and Albert Shaw as members. The purposes of the Board are to promote education in the United States, without distinction of race, sex, or color; to develop the public school system, especially in rural districts; to further the establishment of training schools for teachers, and generally to promote by all suitable means every form of valuable educational work.

**CATHOLIC SUMMER SCHOOL OF AMERICA.**

A Roman Catholic Chautauqua or Summer School was opened at New London, Ct., in the Summer of 1892 under the auspices of distinguished clergymen and laymen, and the first meetings were held from July 30 to August 14. The association has since acquired a site at Cliff Haven, near Plattsburg, N. Y., on Lake Champlain, upon which the necessary buildings have been erected, and here the Summer School is held annually in July and August. The work of the institution is continued throughout the year by means of reading circles and study clubs on the University Extension plan. The President is the Rev. Michael J. Lavelle, LL.D., New York, and the Secretary, Warren E. Mosher, A. M., 39 East Forty-second Street, New York.

## Statistics of Education.

UNIVERSITIES AND COLLEGES OF LIBERAL ARTS IN THE UNITED STATES.

(Prepared for THE WORLD ALMANAC by the Statistician of the United States Bureau of Education.)

| STATES AND TERRITORIES, 1900-1901. | INCOME IN 1900-1901. |                        |                                                            |               |                           |                                |                                 |                   | Benefactions. |
|------------------------------------|----------------------|------------------------|------------------------------------------------------------|---------------|---------------------------|--------------------------------|---------------------------------|-------------------|---------------|
|                                    | From Tuition Fees.   | From Productive Funds. | From U. S. Government, State, or Municipal Appropriations. | Total Income. | Libraries, Bound Volumes. | Value of Scientific Apparatus. | Value of Grounds and Buildings. | Productive Funds. |               |
| <b>North Atlantic Division.</b>    |                      |                        |                                                            |               |                           |                                |                                 |                   |               |
| Maine.....                         | \$72,907             | \$88,828               | \$60,000                                                   | \$249,627     | 152,999                   | \$147,475                      | \$1,416,227                     | \$1,791,842       | \$208,778     |
| N. Hampshire.....                  | 58,000               | 96,000                 | 10,000                                                     | 168,000       | 94,300                    | 200,860                        | 1,150,000                       | 2,500,000         | 125,000       |
| Vermont.....                       | 17,285               | 44,569                 | 40,400                                                     | 112,154       | 91,895                    | 89,000                         | 836,000                         | 846,617           | 20,500        |
| Massachusetts.....                 | 935,803              | 852,022                | .....                                                      | 2,015,134     | 849,975                   | 2,296,500                      | 11,396,771                      | 18,327,780        | 1,903,719     |
| Rhode Island.....                  | 99,287               | 91,870                 | .....                                                      | 192,529       | 115,000                   | 90,650                         | 1,200,000                       | 1,874,008         | 567,350       |
| Connecticut.....                   | 536,016              | 348,525                | .....                                                      | 896,697       | 412,000                   | 605,000                        | 7,231,300                       | 7,505,615         | 1,060,500     |
| New York.....                      | 1,342,128            | 1,226,132              | 250,517                                                    | 3,468,519     | 1,54,509                  | 2,60,460                       | 22,734,087                      | 27,392,237        | 1,697,798     |
| New Jersey.....                    | 200,724              | 149,392                | 40,000                                                     | 390,314       | 239,112                   | 680,000                        | 4,046,000                       | 3,000,000         | .....         |
| Pennsylvania.....                  | 928,755              | 492,150                | 213,866                                                    | 1,694,042     | 739,452                   | 2,230,958                      | 14,456,560                      | 11,002,411        | 1,043,307     |
| <b>South Atlantic Division.</b>    |                      |                        |                                                            |               |                           |                                |                                 |                   |               |
| Delaware.....                      | 240                  | 4,980                  | 40,000                                                     | 50,334        | 12,350                    | 49,000                         | 104,700                         | 83,000            | .....         |
| Maryland.....                      | 121,191              | 114,923                | 107,200                                                    | 359,628       | 213,000                   | 316,585                        | 2,514,726                       | 2,583,943         | 84,285        |
| D. of Columbia.....                | 208,911              | 74,633                 | 109,395                                                    | 416,982       | 171,813                   | 178,673                        | 4,560,107                       | 1,362,759         | 134,972       |
| Virginia.....                      | 154,702              | 99,845                 | 65,000                                                     | 343,717       | 180,675                   | 156,300                        | 2,912,000                       | 1,911,203         | 25,400        |
| West Virginia.....                 | 13,731               | 8,240                  | 113,550                                                    | 142,021       | 20,500                    | 52,000                         | 575,000                         | 194,369           | 7,100         |
| N. Carolina.....                   | 121,480              | 64,816                 | 26,500                                                     | 243,774       | 127,100                   | 92,850                         | 1,685,000                       | 1,040,750         | 114,557       |
| S. Carolina.....                   | 35,980               | 29,408                 | 30,000                                                     | 125,977       | 77,550                    | 78,050                         | 1,129,000                       | 570,000           | 12,500        |
| Georgia.....                       | 43,711               | 58,675                 | 145,150                                                    | 262,416       | 82,820                    | 68,320                         | 1,574,000                       | 924,702           | 50,500        |
| Florida.....                       | 18,512               | 30,515                 | 15,000                                                     | 71,061        | 24,200                    | 68,486                         | 477,849                         | 427,300           | 24,705        |
| <b>South Central Division.</b>     |                      |                        |                                                            |               |                           |                                |                                 |                   |               |
| Kentucky.....                      | 81,189               | 99,135                 | 67,685                                                     | 311,589       | 92,965                    | 124,570                        | 1,669,000                       | 1,829,000         | 62,557        |
| Tennessee.....                     | 243,868              | 138,653                | 60,300                                                     | 562,959       | 200,667                   | 386,857                        | 3,585,737                       | 2,840,024         | 229,132       |
| Alabama.....                       | 53,984               | 26,180                 | 12,950                                                     | 163,793       | 128,560                   | 118,700                        | 1,128,000                       | 334,000           | 9,426         |
| Mississippi.....                   | 24,600               | 41,200                 | .....                                                      | 71,150        | 28,500                    | 92,000                         | 420,000                         | 900,000           | 16,500        |
| Louisiana.....                     | 87,403               | 99,673                 | 75,107                                                     | 267,382       | 79,120                    | 187,400                        | 1,847,300                       | 1,682,813         | 387,100       |
| Texas.....                         | 187,636              | 55,370                 | 78,500                                                     | 381,387       | 95,400                    | 154,000                        | 1,881,000                       | 780,316           | 151,080       |
| Arkansas.....                      | 54,134               | 12,900                 | 68,216                                                     | 139,055       | 29,139                    | 72,800                         | 565,000                         | 175,000           | 8,950         |
| Oklahoma.....                      | 3,000                | .....                  | 90,000                                                     | 128,000       | 7,000                     | 7,000                          | 60,000                          | .....             | .....         |
| Indian Ter.....                    | 5,600                | .....                  | .....                                                      | 6,300         | 2,200                     | 3,500                          | 95,000                          | .....             | 10,000        |
| <b>North Central Division.</b>     |                      |                        |                                                            |               |                           |                                |                                 |                   |               |
| Ohio.....                          | 465,175              | 381,629                | 362,433                                                    | 1,383,729     | 556,070                   | 804,325                        | 10,128,922                      | 10,470,293        | 911,584       |
| Indiana.....                       | 170,707              | 123,117                | 80,000                                                     | 397,944       | 224,580                   | 394,144                        | 3,367,013                       | 2,170,699         | 244,550       |
| Illinois.....                      | 954,876              | 469,143                | 280,200                                                    | 2,098,578     | 614,576                   | 1,013,221                      | 10,877,352                      | 12,994,579        | 2,997,989     |
| Michigan.....                      | 252,031              | 107,922                | 285,250                                                    | 714,333       | 251,765                   | 872,581                        | 2,197,657                       | 1,927,149         | 146,000       |
| Wisconsin.....                     | 93,236               | 70,690                 | 464,799                                                    | 660,262       | 157,942                   | 498,996                        | 2,526,098                       | 1,924,727         | 71,736        |
| Minnesota.....                     | 155,745              | 70,169                 | 260,003                                                    | 551,235       | 134,500                   | 332,200                        | 2,629,013                       | 1,694,867         | 234,875       |
| Iowa.....                          | 266,564              | 92,790                 | 186,500                                                    | 584,489       | 196,068                   | 347,375                        | 2,943,000                       | 1,895,571         | 472,780       |
| Missouri.....                      | 380,493              | 192,846                | 139,051                                                    | 631,145       | 220,544                   | 317,999                        | 5,084,259                       | 7,231,999         | 3,646,836     |
| North Dakota.....                  | 6,041                | 2,000                  | 47,307                                                     | 58,476        | 11,325                    | 10,925                         | 182,000                         | 65,000            | 30,511        |
| South Dakota.....                  | 23,250               | 2,800                  | 45,000                                                     | 78,831        | 23,000                    | 34,500                         | 467,500                         | 60,000            | 15,300        |
| Nebraska.....                      | 87,818               | 74,381                 | 174,905                                                    | 372,419       | 93,527                    | 327,955                        | 1,737,800                       | 585,142           | 235,881       |
| Kansas.....                        | 110,200              | 26,098                 | 160,000                                                    | 333,004       | 138,386                   | 230,830                        | 2,369,000                       | 541,897           | 216,239       |
| <b>Western Division.</b>           |                      |                        |                                                            |               |                           |                                |                                 |                   |               |
| Montana.....                       | 8,000                | 12,000                 | 35,565                                                     | 55,565        | 8,000                     | 50,500                         | 150,000                         | .....             | 20,000        |
| Wyoming.....                       | 437                  | .....                  | 60,395                                                     | 61,467        | 10,800                    | 85,900                         | 250,000                         | .....             | 17,479        |
| Colorado.....                      | 55,705               | 38,711                 | 67,360                                                     | 161,376       | 66,500                    | 133,295                        | 1,308,300                       | 650,340           | 162,765       |
| New Mexico.....                    | 385                  | .....                  | 15,500                                                     | 15,885        | 4,210                     | 5,000                          | 65,000                          | .....             | 112           |
| Arizona.....                       | 405                  | .....                  | 57,332                                                     | 57,737        | 6,000                     | 52,247                         | 65,000                          | .....             | 3,003         |
| Utah.....                          | 10,716               | 5,994                  | 59,708                                                     | 95,138        | 23,300                    | 31,085                         | 535,082                         | 100,000           | 400           |
| Nevada.....                        | 1,159                | 5,160                  | 68,340                                                     | 78,738        | 8,300                     | 45,515                         | 179,745                         | 129,000           | .....         |
| Idaho.....                         | 300                  | .....                  | 102,000                                                    | 102,200       | 7,000                     | 50,000                         | 200,000                         | .....             | 2,500         |
| Washington.....                    | 54,625               | 12,000                 | 50,000                                                     | 132,600       | 49,849                    | 65,000                         | 1,308,500                       | 200,000           | 61,000        |
| Oregon.....                        | 25,068               | 24,619                 | 47,760                                                     | 98,797        | 33,742                    | 33,300                         | 541,000                         | 404,713           | 23,456        |
| California.....                    | 169,149              | 383,293                | 283,565                                                    | 798,964       | 215,753                   | 837,097                        | 5,299,780                       | 23,380,407        | 163,426       |
| <b>S. Atlantic Div.</b>            |                      |                        |                                                            |               |                           |                                |                                 |                   |               |
| S. Atlantic Div.....               | \$4,191,035          | \$3,391,488            | \$1,611,783                                                | \$9,187,016   | 3,949,235                 | \$8,700,843                    | \$64,466,945                    | \$74,240,510      | \$6,016,516   |
| <b>S. Atlantic Div.</b>            |                      |                        |                                                            |               |                           |                                |                                 |                   |               |
| S. Atlantic Div.....               | 713,458              | 496,035                | 651,895                                                    | 2,015,910     | 810,000                   | 1,060,264                      | 15,833,382                      | 9,098,096         | 454,019       |
| <b>S. Central Div.</b>             |                      |                        |                                                            |               |                           |                                |                                 |                   |               |
| S. Central Div.....                | 741,414              | 473,111                | 452,770                                                    | 2,061,615     | 663,644                   | 1,146,827                      | 11,251,027                      | 8,541,153         | 874,745       |
| <b>N. Central Div.</b>             |                      |                        |                                                            |               |                           |                                |                                 |                   |               |
| N. Central Div.....                | 2,866,136            | 1,613,585              | 2,485,448                                                  | 7,865,045     | 2,622,283                 | 5,185,051                      | 44,969,614                      | 40,261,923        | 9,223,781     |
| <b>Western Div.</b>                |                      |                        |                                                            |               |                           |                                |                                 |                   |               |
| Western Div.....                   | 265,849              | 476,777                | 847,496                                                    | 1,659,468     | 433,454                   | 1,389,839                      | 9,948,507                       | 24,864,460        | 454,141       |
| United States.....                 | \$8,782,892          | \$6,440,996            | \$5,052,392                                                | \$22,789,054  | 8,478,624                 | \$17,482,924                   | 146,168,475                     | 167,06,072        | 17,023,202    |

Statistics of Education.

UNIVERSITIES AND COLLEGES OF LIBERAL ARTS IN THE UNITED STATES.

(Prepared for THE WORLD ALMANAC by the Statistician of the United States Bureau of Education.)

| STATES AND TERRITORIES,<br>1900-1901. | Number of Institutions. | PROFESSORS AND INSTRUCTORS. |         |                          |         | STUDENTS.               |         |                       |         |                           |         |               |         |   |  |  |  |
|---------------------------------------|-------------------------|-----------------------------|---------|--------------------------|---------|-------------------------|---------|-----------------------|---------|---------------------------|---------|---------------|---------|---|--|--|--|
|                                       |                         | Total Number.               |         | Preparatory Departments. |         | Collegiate Departments. |         | Graduate Departments. |         | Professional Departments. |         | Total Number. |         |   |  |  |  |
|                                       |                         | Male.                       | Female. | Male.                    | Female. | Male.                   | Female. | Male.                 | Female. | Male.                     | Female. | Male.         | Female. |   |  |  |  |
|                                       |                         |                             |         |                          |         |                         |         |                       |         |                           |         |               |         |   |  |  |  |
| North Atlantic Division.              |                         |                             |         |                          |         |                         |         |                       |         |                           |         |               |         |   |  |  |  |
| Maine.....                            | 4                       | 121                         | 3       | 0                        | 0       | 834                     | 226     | 13                    | 0       | 167                       | 1       | 1,014         | 227     | 0 |  |  |  |
| New Hampshire.....                    | 2                       | 90                          | 0       | 74                       | 0       | 699                     | 0       | 31                    | 0       | 108                       | 0       | 612           | 0       |   |  |  |  |
| Vermont.....                          | 3                       | 83                          | 0       | 0                        | 0       | 381                     | 111     | 4                     | 1       | 145                       | 0       | 530           | 112     |   |  |  |  |
| Massachusetts.....                    | 9                       | 893                         | 13      | 498                      | 21      | 4,049                   | 506     | 487                   | 29      | 2,450                     | 118     | 7,484         | 674     |   |  |  |  |
| Rhode Island.....                     | 1                       | 72                          | 2       | 0                        | 0       | 624                     | 154     | 53                    | 41      | 0                         | 0       | 877           | 195     |   |  |  |  |
| Connecticut.....                      | 3                       | 328                         | 0       | 0                        | 0       | 2,214                   | 56      | 273                   | 49      | 435                       | 0       | 2,922         | 105     |   |  |  |  |
| New York.....                         | 23                      | 1,504                       | 80      | 4,148                    | 472     | 6,042                   | 850     | 661                   | 299     | 3,065                     | 113     | 13,916        | 1,734   |   |  |  |  |
| New Jersey.....                       | 5                       | 161                         | 4       | 314                      | 46      | 1,500                   | 0       | 119                   | 0       | 32                        | 0       | 1,965         | 46      |   |  |  |  |
| Pennsylvania.....                     | 35                      | 1,004                       | 83      | 1,991                    | 652     | 6,436                   | 852     | 188                   | 34      | 2,386                     | 18      | 11,001        | 1,566   |   |  |  |  |
| South Atlantic Division.              |                         |                             |         |                          |         |                         |         |                       |         |                           |         |               |         |   |  |  |  |
| Delaware.....                         | 2                       | 23                          | 2       | 27                       | 9       | 104                     | 11      | 3                     | 0       | 0                         | 0       | 134           | 20      |   |  |  |  |
| Maryland.....                         | 10                      | 276                         | 14      | 548                      | 59      | 939                     | 136     | 169                   | 0       | 307                       | 39      | 1,963         | 234     |   |  |  |  |
| District of Columbia.....             | 7                       | 421                         | 13      | 585                      | 37      | 562                     | 142     | 187                   | 17      | 1,743                     | 19      | 3,077         | 215     |   |  |  |  |
| Virginia.....                         | 11                      | 140                         | 12      | 356                      | 98      | 1,225                   | 43      | 56                    | 0       | 573                       | 37      | 2,210         | 178     |   |  |  |  |
| West Virginia.....                    | 3                       | 61                          | 15      | 310                      | 87      | 216                     | 50      | 25                    | 16      | 142                       | 3       | 693           | 156     |   |  |  |  |
| North Carolina.....                   | 14                      | 190                         | 25      | 754                      | 442     | 1,388                   | 139     | 70                    | 4       | 392                       | 0       | 2,574         | 585     |   |  |  |  |
| South Carolina.....                   | 9                       | 87                          | 23      | 728                      | 583     | 801                     | 88      | 24                    | 3       | 35                        | 0       | 1,588         | 674     |   |  |  |  |
| Georgia.....                          | 11                      | 102                         | 42      | 579                      | 354     | 1,052                   | 172     | 5                     | 0       | 174                       | 0       | 1,810         | 526     |   |  |  |  |
| Florida.....                          | 5                       | 58                          | 34      | 285                      | 324     | 159                     | 105     | 0                     | 1       | 11                        | 0       | 455           | 430     |   |  |  |  |
| South Central Division.               |                         |                             |         |                          |         |                         |         |                       |         |                           |         |               |         |   |  |  |  |
| Kentucky.....                         | 13                      | 923                         | 47      | 1,421                    | 681     | 1,100                   | 325     | 16                    | 2       | 961                       | 0       | 3,498         | 1,008   |   |  |  |  |
| Tennessee.....                        | 24                      | 482                         | 111     | 1,757                    | 1,206   | 1,688                   | 709     | 119                   | 22      | 1,902                     | 17      | 5,466         | 1,954   |   |  |  |  |
| Alabama.....                          | 9                       | 101                         | 17      | 315                      | 301     | 913                     | 237     | 6                     | 0       | 278                       | 1       | 1,512         | 539     |   |  |  |  |
| Mississippi.....                      | 4                       | 54                          | 7       | 250                      | 130     | 537                     | 63      | 25                    | 9       | 59                        | 0       | 871           | 202     |   |  |  |  |
| Louisiana.....                        | 8                       | 146                         | 53      | 764                      | 813     | 890                     | 217     | 20                    | 27      | 547                       | 3       | 2,221         | 1,060   |   |  |  |  |
| Texas.....                            | 16                      | 268                         | 76      | 1,119                    | 477     | 1,293                   | 582     | 37                    | 25      | 599                       | 27      | 3,048         | 1,111   |   |  |  |  |
| Arkansas.....                         | 8                       | 97                          | 28      | 633                      | 393     | 447                     | 307     | 6                     | 0       | 261                       | 0       | 1,347         | 700     |   |  |  |  |
| Oklahoma.....                         | 1                       | 13                          | 2       | 163                      | 166     | 47                      | 11      | 1                     | 0       | 6                         | 0       | 217           | 177     |   |  |  |  |
| Indian Territory.....                 | 2                       | 6                           | 17      | 150                      | 115     | 10                      | 10      | 0                     | 0       | 0                         | 0       | 160           | 125     |   |  |  |  |
| North Central Division.               |                         |                             |         |                          |         |                         |         |                       |         |                           |         |               |         |   |  |  |  |
| Ohio.....                             | 34                      | 984                         | 177     | 2,589                    | 1,415   | 3,517                   | 1,947   | 132                   | 64      | 1,488                     | 14      | 7,726         | 3,440   |   |  |  |  |
| Indiana.....                          | 14                      | 263                         | 48      | 742                      | 202     | 2,221                   | 735     | 204                   | 49      | 245                       | 17      | 3,462         | 1,003   |   |  |  |  |
| Illinois.....                         | 31                      | 1,081                       | 215     | 2,218                    | 1,147   | 3,945                   | 2,786   | 832                   | 365     | 3,797                     | 190     | 10,842        | 4,438   |   |  |  |  |
| Michigan.....                         | 9                       | 329                         | 57      | 563                      | 210     | 1,611                   | 977     | 89                    | 51      | 1,794                     | 74      | 4,057         | 1,312   |   |  |  |  |
| Wisconsin.....                        | 9                       | 273                         | 26      | 600                      | 135     | 2,024                   | 658     | 80                    | 37      | 326                       | 5       | 3,030         | 835     |   |  |  |  |
| Minnesota.....                        | 9                       | 412                         | 57      | 1,054                    | 282     | 1,433                   | 856     | 137                   | 57      | 1,148                     | 46      | 3,772         | 1,241   |   |  |  |  |
| Iowa.....                             | 25                      | 427                         | 131     | 1,625                    | 1,079   | 1,625                   | 1,135   | 120                   | 66      | 1,116                     | 32      | 4,486         | 2,312   |   |  |  |  |
| Missouri.....                         | 24                      | 466                         | 134     | 2,165                    | 1,319   | 1,872                   | 741     | 116                   | 32      | 878                       | 3       | 5,031         | 1,955   |   |  |  |  |
| North Dakota.....                     | 3                       | 30                          | 13      | 134                      | 50      | 75                      | 34      | 8                     | 2       | 30                        | 0       | 247           | 86      |   |  |  |  |
| South Dakota.....                     | 5                       | 46                          | 31      | 394                      | 419     | 1,053                   | 511     | 3                     | 0       | 0                         | 0       | 560           | 530     |   |  |  |  |
| Nebraska.....                         | 10                      | 263                         | 56      | 1,098                    | 768     | 1,010                   | 751     | 84                    | 67      | 505                       | 26      | 2,697         | 1,612   |   |  |  |  |
| Kansas.....                           | 20                      | 335                         | 90      | 947                      | 322     | 1,225                   | 675     | 61                    | 54      | 420                       | 16      | 2,631         | 1,267   |   |  |  |  |
| Western Division.                     |                         |                             |         |                          |         |                         |         |                       |         |                           |         |               |         |   |  |  |  |
| Montana.....                          | 2                       | 14                          | 10      | 120                      | 122     | 35                      | 29      | 0                     | 0       | 0                         | 0       | 155           | 151     |   |  |  |  |
| Wyoming.....                          | 1                       | 13                          | 3       | 40                       | 57      | 44                      | 9       | 2                     | 1       | 0                         | 0       | 86            | 67      |   |  |  |  |
| Colorado.....                         | 4                       | 208                         | 24      | 467                      | 304     | 363                     | 338     | 37                    | 7       | 245                       | 17      | 1,112         | 666     |   |  |  |  |
| New Mexico.....                       | 1                       | 7                           | 5       | 26                       | 45      | 8                       | 3       | 2                     | 0       | 0                         | 0       | 36            | 48      |   |  |  |  |
| Arizona.....                          | 1                       | 15                          | 7       | 108                      | 70      | 34                      | 13      | 0                     | 0       | 0                         | 0       | 172           | 83      |   |  |  |  |
| Utah.....                             | 2                       | 45                          | 7       | 486                      | 207     | 20                      | 25      | 0                     | 0       | 0                         | 0       | 172           | 232     |   |  |  |  |
| Nevada.....                           | 1                       | 18                          | 6       | 39                       | 57      | 103                     | 95      | 2                     | 1       | 0                         | 0       | 149           | 153     |   |  |  |  |
| Idaho.....                            | 1                       | 14                          | 4       | 76                       | 35      | 88                      | 51      | 0                     | 0       | 0                         | 0       | 164           | 86      |   |  |  |  |
| Washington.....                       | 7                       | 86                          | 30      | 410                      | 210     | 472                     | 168     | 20                    | 14      | 73                        | 8       | 976           | 400     |   |  |  |  |
| Oregon.....                           | 8                       | 114                         | 22      | 302                      | 241     | 326                     | 238     | 31                    | 11      | 65                        | 3       | 724           | 493     |   |  |  |  |
| California.....                       | 12                      | 521                         | 52      | 634                      | 325     | 2,636                   | 1,532   | 158                   | 155     | 633                       | 43      | 4,061         | 2,055   |   |  |  |  |
| North Atlantic Division.              | 85                      | 4,266                       | 185     | 7,025                    | 1,191   | 22,779                  | 2,755   | 1,829                 | 453     | 3,788                     | 250     | 40,421        | 4,649   |   |  |  |  |
| South Atlantic Division.              | 72                      | 1,358                       | 180     | 4,172                    | 1,993   | 6,446                   | 886     | 539                   | 41      | 3,347                     | 98      | 14,564        | 3,018   |   |  |  |  |
| South Central Division.               | 84                      | 1,380                       | 360     | 6,572                    | 4,282   | 6,925                   | 2,461   | 230                   | 85      | 4,613                     | 48      | 18,310        | 6,876   |   |  |  |  |
| North Central Division.               | 192                     | 4,909                       | 1,045   | 14,129                   | 7,438   | 20,771                  | 11,356  | 1,866                 | 844     | 11,787                    | 423     | 48,552        | 20,061  |   |  |  |  |
| Western Division.                     | 40                      | 1,955                       | 170     | 2,708                    | 1,673   | 4,204                   | 2,601   | 252                   | 189     | 1,016                     | 71      | 8,180         | 4,434   |   |  |  |  |
| United States.....                    | 473                     | 12,968                      | 1,940   | 34,606                   | 16,577  | 61,125                  | 19,959  | 4,716                 | 1,612   | 29,551                    | 890     | 129,998       | 39,038  |   |  |  |  |

# The Common Schools of the United States.

| STATES AND TERRITORIES. | Pupils Enrolled. | Per cent of Population Enrolled. | Average Daily Attendance. | Total Number of Teachers | STATES AND TERRITORIES. | Pupils Enrolled. | Per cent of Population Enrolled. | Average Daily Attendance. | Total Number of Teachers |                 |         |       |        |       |
|-------------------------|------------------|----------------------------------|---------------------------|--------------------------|-------------------------|------------------|----------------------------------|---------------------------|--------------------------|-----------------|---------|-------|--------|-------|
|                         |                  |                                  |                           |                          |                         |                  |                                  |                           |                          |                 |         |       |        |       |
| <b>N. Central Div.</b>  |                  |                                  |                           |                          |                         |                  |                                  |                           |                          |                 |         |       |        |       |
| N. Atlantic Div.        |                  |                                  |                           |                          | Ohio.....               | 829,857          | 19.76                            | 610,622                   | 26,290                   |                 |         |       |        |       |
| Maine.....              | 132,862          | 19.10                            | 97,038                    | 6,587                    | Indiana.....            | 556,731          | 21.82                            | 420,276                   | 15,979                   |                 |         |       |        |       |
| N. Hampshire*.....      | 65,688           | 15.96                            | 47,276                    | 2,740                    | Illinois.....           | 963,634          | 19.33                            | 756,558                   | 26,529                   |                 |         |       |        |       |
| Vermont.....            | 65,465           | 18.99                            | 47,964                    | 3,855                    | Michigan.....           | 510,031          | 20.86                            | 358,600                   | 16,154                   |                 |         |       |        |       |
| Massachusetts.....      | 468,188          | 16.39                            | 377,045                   | 13,622                   | Wisconsin.....          | 446,247          | 21.22                            | 278,803                   | 13,156                   |                 |         |       |        |       |
| Rhode Island.....       | 69,067           | 15.63                            | 49,038                    | 1,960                    | Minnesota.....          | 408,041          | 22.34                            | 239,462                   | 11,232                   |                 |         |       |        |       |
| Connecticut.....        | 155,579          | 16.68                            | 115,264                   | 4,240                    | Iowa.....               | 562,662          | 24.82                            | 373,547                   | 28,845                   |                 |         |       |        |       |
| New York.....           | 1,242,416        | 16.77                            | 873,157                   | 35,591                   | Missouri.....           | 711,720          | 22.57                            | 458,986                   | 16,160                   |                 |         |       |        |       |
| New Jersey.....         | 336,432          | 17.40                            | 221,273                   | 7,561                    | North Dakota*.....      | 77,686           | 24.34                            | 43,560                    | 4,083                    |                 |         |       |        |       |
| Pennsylvania.....       | 1,161,524        | 18.10                            | 847,445                   | 30,044                   | South Dakota.....       | 100,590          | 24.00                            | 64,770                    | 4,440                    |                 |         |       |        |       |
|                         |                  |                                  |                           |                          | Nebraska.....           | 285,415          | 25.85                            | 182,589                   | 9,485                    |                 |         |       |        |       |
|                         |                  |                                  |                           |                          | Kansas.....             | 382,748          | 26.26                            | 259,039                   | 11,794                   |                 |         |       |        |       |
| <b>S. Atlantic Div.</b> |                  |                                  |                           |                          |                         |                  |                                  |                           |                          |                 |         |       |        |       |
| Delaware*.....          | 36,895           | 19.98                            | 25,300                    | 881                      | <b>Western Div.</b>     |                  |                                  |                           |                          |                 |         |       |        |       |
| Maryland.....           | 224,002          | 18.61                            | 135,515                   | 5,035                    |                         |                  |                                  |                           |                          |                 |         |       |        |       |
| Dis. of Columbia.....   | 47,431           | 16.70                            | 36,672                    | 1,283                    |                         |                  |                                  |                           |                          |                 |         |       |        |       |
| Virginia*.....          | 258,825          | 19.58                            | 203,136                   | 8,895                    |                         |                  |                                  |                           |                          | Montana.....    | 42,400  | 16.21 | 25,900 | 1,221 |
| W. Virginia*.....       | 232,343          | 24.23                            | 151,254                   | 7,087                    |                         |                  |                                  |                           |                          | Wyoming*.....   | 14,512  | 15.63 | 9,650  | 570   |
| North Carolina.....     | 431,359          | 22.54                            | 253,019                   | 7,987                    |                         |                  |                                  |                           |                          | Colorado.....   | 120,110 | 21.07 | 74,735 | 3,744 |
| South Carolina.....     | 285,206          | 20.96                            | 208,114                   | 7,987                    |                         |                  |                                  |                           |                          | New Mexico..... | 35,227  | 17.61 | 21,112 | 1,046 |
| Georgia.....            | 491,848          | 21.81                            | 310,453                   | 5,814                    |                         |                  |                                  |                           |                          | Arizona*.....   | 16,504  | 13.42 | 10,177 | 389   |
| Florida.....            | 111,607          | 20.49                            | 75,325                    | 2,773                    |                         |                  |                                  |                           |                          | Utah.....       | 76,581  | 26.88 | 53,560 | 1,531 |
|                         |                  |                                  |                           |                          |                         |                  |                                  |                           |                          | Nevada.....     | 6,688   | 15.79 | 4,862  | 310   |
|                         |                  |                                  |                           |                          | Idaho*.....             | 38,669           | 22.67                            | 21,962                    | 1,060                    |                 |         |       |        |       |
| <b>S. Central Div.</b>  |                  |                                  |                           |                          |                         |                  |                                  |                           |                          |                 |         |       |        |       |
| Kentucky.....           | 497,859          | 22.86                            | 312,354                   | 10,513                   | Washington.....         | 123,391          | 23.72                            | 81,400                    | 3,869                    |                 |         |       |        |       |
| Tennessee*.....         | 485,354          | 24.02                            | 338,566                   | 9,195                    | Oregon*.....            | 89,405           | 21.62                            | 64,411                    | 3,742                    |                 |         |       |        |       |
| Alabama.....            | 376,423          | 20.59                            | 297,805                   | 6,578                    | California.....         | 272,009          | 17.91                            | 198,789                   | 7,820                    |                 |         |       |        |       |
| Mississippi*.....       | 360,177          | 23.65                            | 201,593                   | 8,136                    | N. Atlantic Div.....    | 3,697,221        | 17.24                            | 2,669,503                 | 106,200                  |                 |         |       |        |       |
| Louisiana.....          | 198,896          | 14.10                            | 140,242                   | 4,271                    | S. Atlantic Div.....    | 2,219,517        | 21.06                            | 1,398,788                 | 40,927                   |                 |         |       |        |       |
| Texas.....              | 659,698          | 21.64                            | 438,779                   | 15,374                   | S. Central Div.....     | 3,022,905        | 21.20                            | 2,088,060                 | 64,588                   |                 |         |       |        |       |
| Arkansas.....           | 323,859          | 24.33                            | 202,837                   | 7,472                    | N. Central Div.....     | 5,830,362        | 21.75                            | 4,046,812                 | 184,007                  |                 |         |       |        |       |
| Oklahoma*.....          | 99,602           | 25.01                            | 63,718                    | 2,343                    | Western Div.....        | 833,446          | 19.79                            | 568,928                   | 26,312                   |                 |         |       |        |       |
| Indian Territ'y.....    | 21,137           | 4.99                             | 12,166                    | 656                      | United States.....      | 15,603,451       | 20.20                            | 10,692,091                | 490,004                  |                 |         |       |        |       |

# Professional Schools in the United States.

| YEARS.                 | THEOLOGICAL SCHOOLS. |           |         | LAW SCHOOLS. |           |          | MEDICAL SCHOOLS.* |           |              |           |                             |           |         |                                |  |  |                            |  |  |
|------------------------|----------------------|-----------|---------|--------------|-----------|----------|-------------------|-----------|--------------|-----------|-----------------------------|-----------|---------|--------------------------------|--|--|----------------------------|--|--|
|                        | Number.              | Teachers. | Pupils. | Number.      | Teachers. | Pupils.  | Regular.          |           | Homeopathic. |           |                             |           |         |                                |  |  |                            |  |  |
|                        |                      |           |         |              |           |          | Number.           | Teachers. | Number.      | Teachers. | Number.                     | Teachers. | Pupils. |                                |  |  |                            |  |  |
| 1893-94.....           | 147                  | 963       | 7,658   | 67           | 621       | 7,311    | 109               | 3,077     | 17,601       | 19        | 478                         | 1,666     |         |                                |  |  |                            |  |  |
| 1894-95.....           | 149                  | 906       | 8,050   | 72           | 604       | 8,950    | 113               | 2,738     | 18,660       | 20        | 476                         | 1,875     |         |                                |  |  |                            |  |  |
| 1895-96.....           | 144                  | 869       | 8,017   | 73           | 658       | 9,780    | 116               | 2,902     | 19,999       | 20        | 493                         | 1,956     |         |                                |  |  |                            |  |  |
| 1896-97.....           | 157                  | 980       | 8,173   | 77           | 744       | 10,449   | 118               | 3,143     | 21,438       | 21        | 622                         | 2,038     |         |                                |  |  |                            |  |  |
| 1897-98.....           | 155                  | 958       | 8,371   | 83           | 845       | 11,615   | 122               | 3,423     | 21,402       | 21        | 589                         | 2,176     |         |                                |  |  |                            |  |  |
| 1898-99.....           | 163                  | 996       | 8,261   | 96           | 966       | 11,874   | 122               | 3,562     | 21,461       | 21        | 636                         | 1,902     |         |                                |  |  |                            |  |  |
| 1899-1900.....         | 154                  | 994       | 8,009   | 96           | 1,004     | 12,516   | 121               | 3,545     | 22,752       | 22        | 735                         | 1,969     |         |                                |  |  |                            |  |  |
| 1900-1901.....         | 150                  | 988       | † 7,567 | 100          | 1,106     | † 13,642 | 123               | 3,576     | 24,199       | 21        | 639                         | 1,812     |         |                                |  |  |                            |  |  |
| <b>Dental Schools.</b> |                      |           |         |              |           |          |                   |           |              |           | <b>Schools of Pharmacy.</b> |           |         | <b>Nurse Training Schools.</b> |  |  | <b>Veterinary Schools.</b> |  |  |
| 1893-94.....           | 35                   | 794       | 4,152   | 35           | 293       | 3,658    | 66                | ..        | 2,710        | 8         | 118                         | 554       |         |                                |  |  |                            |  |  |
| 1894-95.....           | 45                   | 968       | 5,347   | 39           | 317       | 3,859    | 131               | ..        | 3,985        | 9         | 132                         | 474       |         |                                |  |  |                            |  |  |
| 1895-96.....           | 46                   | 854       | 6,399   | 44           | 354       | 3,873    | 177               | ..        | 5,094        | 10        | 139                         | 382       |         |                                |  |  |                            |  |  |
| 1896-97.....           | 48                   | 826       | 6,460   | 43           | 362       | 3,428    | 298               | ..        | 7,263        | 12        | 153                         | 364       |         |                                |  |  |                            |  |  |
| 1897-98.....           | 50                   | 961       | 6,774   | 45           | 401       | 3,536    | 377               | ..        | 8,505        | 14        | 173                         | 326       |         |                                |  |  |                            |  |  |
| 1898-99.....           | 50                   | 948       | 7,354   | 51           | 442       | 3,551    | 393               | ..        | 10,018       | 13        | 153                         | 316       |         |                                |  |  |                            |  |  |
| 1899-1900.....         | 54                   | 1,118     | 7,923   | 53           | 493       | 4,042    | 432               | ..        | 11,164       | 13        | 124                         | 362       |         |                                |  |  |                            |  |  |
| 1900-1901.....         | 57                   | 1,184     | 8,308   | 58           | 522       | 4,429    | 448               | ..        | 11,599       | 12        | 189                         | 461       |         |                                |  |  |                            |  |  |

\* There were also in 1900-1901 10 Eclectic Schools and Physiological Schools, with 37 instructors and 746 students.  
 † 181 of these were women. ‡ 170 of these were women.

# School and College Population in 1900-1901.

| GRADES.                                     | NUMBER OF PUPILS. |           |            | GRADES.                                                      | NUMBER OF PUPILS. |           |            |
|---------------------------------------------|-------------------|-----------|------------|--------------------------------------------------------------|-------------------|-----------|------------|
|                                             | Public.           | Private.  | Total.     |                                                              | Public.           | Private.  | Total.     |
| Elementary (primary and grammar).....       | 15,061,721        | 1,261,672 | 16,323,393 | Schools for deaf.....                                        | 10,840            | 494       | 11,334     |
| Secondary (high schools and academies)..... | 558,740           | 177,260   | 736,000    | Schools for blind.....                                       | 4,199             | ..        | 4,199      |
| Higher univs. and colleges.....             | 36,201            | 79,070    | 115,271    | Schools for feeble-minded.....                               | 11,149            | 468       | 11,617     |
| Professional schools.....                   | 10,260            | 50,504    | 61,164     | Government Indian schools.....                               | 23,077            | ..        | 23,077     |
| Normal schools.....                         | 43,372            | 20,030    | 63,402     | Indian schools (five civilized tribes).....                  | 11,590            | ..        | 11,590     |
| Total.....                                  | 15,710,394        | 1,588,836 | 17,299,230 | Schools in Alaska.....                                       | 3,356             | ..        | 3,356      |
| Miscellaneous and special:                  |                   |           |            | Orphan asylums and other benevolent institutions (est.)..... | ..                | 15,000    | 15,000     |
| City evening schools.....                   | 203,000           | ..        | 203,000    | Private kindergartens (partly est.).....                     | ..                | 95,000    | 95,000     |
| Business schools.....                       | ..                | 110,031   | 110,031    | Miscel. (art, music, etc.) (est.).....                       | ..                | 50,000    | 50,000     |
| Reform schools.....                         | 25,337            | ..        | 25,337     | Total for United States.....                                 | 16,002,951        | 1,859,829 | 17,862,780 |



## Principal Universities and Colleges of the United States.

TABLE ONE.

THE statistics embraced in this table were communicated to THE WORLD ALMANAC by the Presidents of the respective institutions, and represent their condition at the close of 1902.

Persons writing to the different institutions for catalogues should inclose postage stamp for reply, and also indicate the reason for request.

| ORGAN-<br>IZED. | Colleges.<br>For explanation of signs, see<br>page 312. | Location.              | Denominational<br>Control. | President or Chairman of Faculty. | Instruc-<br>tors. | Stu-<br>dents. | Vol-<br>umes in<br>Library |
|-----------------|---------------------------------------------------------|------------------------|----------------------------|-----------------------------------|-------------------|----------------|----------------------------|
| 1896            | Adelphi College                                         | Brooklyn, N. Y.        | Non-Sect.                  | C. H. Levermore, Ph.D.            | 30                | 450            | 9,000                      |
| 1899            | Adrian College                                          | Adrian, Mich.          | Meth. Prot.                | Rev. T. H. Lewis, D. D.           | 11                | 131            | 7,000                      |
| 1872            | Alabama Poly. Inst.†                                    | Auburn, Ala.           | Non-Sect.                  | Chas. C. Thach, A. M.             | 30                | 460            | 14,257                     |
| 1866            | Albany College                                          | Albany, Ore.           | Presbyter'n                | Wallace H. Lee, A. M.             | 14                | 200            | 2,500                      |
| 1861            | Albion College                                          | Albion, Mich.          | Meth. Epis.                | Samuel Dickie, LL. D.             | 26                | 425            | 15,700                     |
| 1855            | Albright College                                        | Myerstown, Pa.         | Evangelical                | J. D. Woodring, A. M., D. D.      | 14                | 217            | 6,500                      |
| 1836            | Alfred University                                       | Alfred, N. Y.          | Non-Sect.                  | Rev. Boothe C. Davis, Ph. D.      | 25                | 350            | 15,000                     |
| 1815            | Allegheny College                                       | Meadville, Pa.         | Meth. Epis.                | William H. Crawford, D. D.        | 18                | 325            | 13,000                     |
| 1886            | Alma College                                            | Alma, Mich.            | Presbyter'n                | Rev. A. F. Brust, M. S., D. D.    | 23                | 270            | 19,000                     |
| 1893            | Am. Un. of Harriman†                                    | Harriman, Tenn.        | Non-Sect.                  | J. F. Spence, A. M., LL. D.       | 27                | 308            | 4,000                      |
| 1891            | American Univ.†(b).                                     | Washington, D. C.      | Meth. Epis.                | John E. Hurst, D. D., LL. D.      |                   |                |                            |
| 1821            | Amherst College                                         | Amherst, Mass.         | Non-Sect.                  | George Harris, D. D., LL. D.      | 35                | 404            | 75,000                     |
| 1807            | Andover Theol. Sem.                                     | Andover, Mass.         | Congregat'l                | Chas. O. Day, D. D.               | 2                 | 10             | 54,000                     |
| 1852            | Antioch College                                         | Yellow Springs, O.     | Non-Sect.                  | S. F. Weston, Ph. D. (Dean)       | 8                 | 60             | 5,000                      |
| 1867            | Arkansas College                                        | Batesville, Ark.       | Presbyter'n                | Eugene R. Long, Ph. D.            | 7                 | 106            | 4,200                      |
| 1893            | Arkansas Inst. Tech'y                                   | Chicago, Ill.          | Non-Sect.                  | F. W. Gunsaulus, D. D., LL. D.    | 42                | 1,000          | 15,000                     |
| 1842            | Asheville College (q)                                   | Asheville, N. C.       | Non-Sect.                  | Archibald A. Jones                | 17                | 200            | 2,500                      |
| 1869            | Atlanta University†                                     | Atlanta, Ga.           | Non-Sect.                  | Horace Bumstead, D. D.            | 15                | 300            | 11,000                     |
| 1820            | Auburn Theol. Sem'y                                     | Auburn, N. Y.          | Presbyter'n                | Rev. G. B. Stewart, D. D.         | 9                 | 57             | 27,673                     |
| 1869            | Augsburg Seminary                                       | Minneapolis, Minn.     | Lutheran                   | Georg Sverdrup                    | 9                 | 181            | 3,000                      |
| 1860            | Augustana College                                       | Rock Island, Ill.      | Lutheran                   | Gustav Andreen, Ph. D.            | 33                | 600            | 18,000                     |
| 1858            | Baker University†                                       | Baldwin, Kan.          | Meth. Epis.                | Lenuel H. Murlin, A. M.           | 45                | 860            | 10,000                     |
| 1845            | Baldwin University†                                     | Berea, O.              | Meth. Epis.                | E. O. Buxton, D. D., Ph. D.       | 21                | 404            | 7,500                      |
| 1889            | Barnard College (h)                                     | Manh'n Boro., N. Y.    | Non-Sect.                  | Nicholas M. Butler, LL. D.        | 66                | 400            | 3,000                      |
| 1863            | Bates College                                           | Lewiston, Me.          | Free Bapt.                 | George C. Chase, D. D., LL. D.    | 22                | 340            | 24,000                     |
| 1845            | Baylor University†                                      | Waco, Tex.             | Baptist.                   | Samuel P. Brooks, A. M.           | 35                | 952            | 11,000                     |
| 1880            | Bellevue College                                        | Bellevue, Neb.         | Presbyter'n                | Rev. D. R. Kerr, Ph. D., D. D.    | 25                | 180            | 4,000                      |
| 1847            | Beloit College                                          | Beloit, Wis.           | Non-Sect.                  | Edw. D. Eaton, D. D., LL. D.      | 27                | 394            | 29,150                     |
| 1855            | Berea College (q)                                       | Berea, Ky.             | Non-Sect.                  | Wm. G. Frost, Ph. D., D. D.       | 33                | 825            | 18,509                     |
| 1881            | Bethany College                                         | Lindsburg, Kan.        | Lutheran                   | Rev. C. Swensson, Ph. D.          | 47                | 805            | 9,000                      |
| 1854            | Bethel College                                          | Russellville, Ky.      | Baptist                    | James H. Fuqua, A. M.             | 8                 | 118            | 6,750                      |
| 1868            | Biddle University§                                      | Charlottesville, N. C. | Presbyter'n                | Rev. D. J. Sanders, D. D.         | 14                | 200            | 13,000                     |
| 1859            | Blackburn College                                       | Clintonville, Ill.     | Presbyter'n                | W. H. Bradley, A. M., Ph. D.      | 11                | 125            | 3,900                      |
| 1869            | Boston University†                                      | Boston, Mass.          | Meth. Epis.                | W. F. Warren, D. D., LL. D.       | 144               | 1,336          |                            |
| 1794            | Bowdoin College                                         | Brunswick, Me.         | Congregat'l                | Wm. De Witt Hyde, D. D.           | 40                | 391            | 73,195                     |
| 1877            | Brigham Young Col.†                                     | Logan, Utah            | Latter Day                 | James H. Linford, B. S., B. D.    | 28                | 630            | 3,000                      |
| 1764            | Brown University                                        | Providence, R. I.      | Non-Sect.                  | W. H. P. Farnce, A. M., D. D.     | 76                | 926            | 130,000                    |
| 1880            | Bryn Mawr Col.† (q)                                     | Bryn Mawr, Pa.         | Non-Sect.                  | M. Carey Thomas, LL. D.           | 44                | 417            | 36,123                     |
| 1872            | Buichtel College                                        | Akron, O.              | Universalist               | Rev. A. B. Church, A. M., B. A.   | 20                | 300            | 8,000                      |
| 1846            | Bucknell University†                                    | Lewisburg, Pa.         | Baptist                    | John H. Harris, LL. D.            | 45                | 620            | 22,000                     |
| 1849            | Burrill College                                         | Spencer, Tenn.         | Christian                  | W. N. Billingsley, A. M.          | 12                | 286            | 3,965                      |
| 1850            | Butler College (q)                                      | Indianapolis, Ind.     | Non-Sect.                  | Scott Butler, A. M., LL. D.       | 25                | 396            | 7,000                      |
| 1870            | Canisius College                                        | Buffalo, N. Y.         | R. Catholic.               | Aloysius J. Pfeil, S. J.          | 31                | 310            | 24,000                     |
| 1866            | Carleton College                                        | Northfield, Minn.      | Congregat'l                | Rev. James W. Strong, D. D.       | 23                | 302            | 15,500                     |
| 1851            | Carson & Newman C.†                                     | Jeff. City, Tenn.      | Baptist                    | J. T. Henderson, A. M.            | 18                | 325            | 4,000                      |
| 1870            | Carthage College                                        | Carthage, Ill.         | Lutheran                   | Rev. Fred. L. Sigmund, D. D.      | 14                | 250            | 5,000                      |
| 1880            | Case Sc. Appl. Science                                  | Cleveland, O.          | Non-Sect.                  |                                   | 29                | 427            | 5,000                      |
| 1887            | Catholic Univ. Am. (f)                                  | Washington, D. C.      | R. Catholic.               | Rt. Rev. T. J. Conaty, S. T. D.   | 28                | 155            | 40,000                     |
| 1894            | Cedarville College                                      | Cedarville, O.         | Ref. Presb.                | Rev. D. McKinney, D. D.           | 10                | 112            | 1,200                      |
| 1854            | Central College                                         | Fayette, Mo.           | Meth. Ep. S.               | T. B. Smith, A. M. (Act. Pres.)   | 10                | 201            | 6,500                      |
| 1855            | Central University†                                     | Pella, Iowa            | Baptist                    | L. A. Garrison, B. A.             | 12                | 176            | 5,000                      |
| 1874            | Central University†                                     | Danville, Ky.          | Presbyter'n                | Wm. C. Roberts, D. D., LL. D.     | 107               | 1,225          | 25,000                     |
| 1864            | Central Wesleyan Col.†                                  | Warrenton, Mo.         | Meth. Epis.                | Geo. B. Addicks, D. D., A. M.     | 18                | 394            | 7,000                      |
| 1891            | Charles City College                                    | Charles City, Iowa     | Meth. Epis.                | J. F. Hirsch, M. A.               | 11                | 212            | 1,800                      |
| 1875            | Charleston College                                      | Charleston, S. C.      | Non-Sect.                  | Harrison Randolph, LL. D.         | 8                 | 59             | 14,806                     |
| 1851            | Christian University†                                   | Canton, Mo.            | Disciples                  | Carl Johann, A. M., LL. D.        | 14                | 120            | 1,250                      |
| 1869            | Claflin University†                                     | Orangeburg, S. C.      | Meth. Epis.                | L. M. Duntun, A. M., D. D.        | 13                | 750            | 5,500                      |
| 1902            | Clark College                                           | Worcester, Mass.       | Non-Sect.                  | C. D. Wright, A. M., Ph. D.       | 13                | 79             | 20,000                     |
| 1869            | Clark University†                                       | Atlanta, Ga.           | Meth. Epis.                | Chas. M. McKen, Ph. D., D. D.     | 34                | 580            | 1,000                      |
| 1887            | Clark University†                                       | Worcester, Mass.       | Non-Sect.                  | G. Stanley Hall, Ph. D., LL. D.   | 13                | 500            | 5,000                      |
| 1889            | Clemson Agri. College                                   | Clemson Col., S. C.    | Non-Sect.                  | Rev. H. Mell, Ph. D.              | 14                | 500            | 23,000                     |
| 1851            | Coe College                                             | Cedar Rapids, Ia.      | Presbyter'n                | Rev. S. B. McCormick, D. D.       | 25                | 271            | 3,500                      |
| 1818            | Colby College                                           | Waterville, Me.        | Baptist                    | Rev. Chas. L. White, D. D.        | 14                | 180            | 37,858                     |
| 1913            | Colgate University                                      | Hamilton, N. Y.        | Baptist                    | Geo. E. Merrill, D. D., LL. D.    | 32                | 350            | 33,000                     |
| 1847            | College City of N. Y.                                   | Manh'n Boro., N. Y.    | Non-Sect.                  | A. G. Compton (Act. Pres.)        | 32                | 1,915          | 34,911                     |
| 1874            | Colorado College                                        | Colorado Sp's, Col.    | Non-Sect.                  | W. F. Slocum, LL. D., D. D.       | 42                | 547            | 37,880                     |
| 1871            | Columbia Univ. (d)                                      | Manh'n Boro., N. Y.    | Non-Sect.                  | N. M. Butler, LL. D., Ph. D.      | 442               | 4,733          | 327,622                    |
| 1924            | Columbian Univ. (e)                                     | Washington, D. C.      | Baptist                    | Chas. W. Needham, LL. D.          | 175               | 1,420          | 12,000                     |
| 1839            | Concordia College                                       | Fort Wayne, Ind.       | Lutheran                   | Jos. Schmidt, A. M.               | 9                 | 154            | 4,700                      |
| 1889            | Converse College                                        | Spartanburg, S. C.     | Non-Sect.                  | Robert P. Pell                    | 35                | 406            | 30                         |
| 1857            | Cornell College                                         | Mt. Vernon, Iowa       | Meth. Epis.                | Wm. F. King, D. D., LL. D.        | 35                | 726            | 22,090                     |
| 1868            | Cornell University†                                     | Ithaca, N. Y.          | Non-Sect.                  | J. G. Schurman, LL. D., A. M.     | 367               | 3,290          | 261,850                    |
| 1889            | Cotner University†                                      | Bethany, Neb.          | Christian                  | W. P. Aylsworth, LL. D.           | (h) 17            | (h) 100        | 1,800                      |

| ORGAN.<br>YEAR. | Colleges—Table One<br>For explanation of signs, see<br>page 312. | Location.                | Denominational<br>Control. | President or Chairman of Faculty.  | Instruc-<br>tors.* | Stu-<br>dents | Vol-<br>umes in<br>Library |
|-----------------|------------------------------------------------------------------|--------------------------|----------------------------|------------------------------------|--------------------|---------------|----------------------------|
| 1878            | Creighton Univ. (a)...                                           | Omaha, Neb.....          | R. Catholic.               | Rev. M. P. Dowling, S. J....       | 58                 | 385           | 13,000                     |
| 1842            | Cumberland Univ.†...                                             | Lebanon, Tenn.....       | Cumb. Pres.                | D. E. Mitchell.....                | 32                 | 403           | 20,000                     |
| 1885            | Dakota University†...                                            | Mitchell, S. Dak.....    | Meth. Epis.                | Rev. W. J. Graham, D. D., A. M.    | 13                 | 350           | 3,000                      |
| 1768            | Dartmouth College...                                             | Hanover, N. H.....       | Non-Sect.                  | Wm. J. Tucker, D. D., LL.D.        | 66                 | 877           | 85,000                     |
| 1837            | Davidson College...                                              | Davidson, N. C.....      | Presbyter' n               | Henry L. Smith, A. B., A. M.       | 14                 | 210           | 15,000                     |
| 1834            | Defiance College†...                                             | Defiance, O.....         | Christian                  | W. McReynolds, A. B., A. M.        | 10                 | 125           | 3,000                      |
| 1883            | Delaware College...                                              | Newark, Del.....         | Non-Sect.                  | Geo. A. Hardt, M. A., Ph. D.       | 20                 | 114           | 14,000                     |
| 1831            | Denison University†...                                           | Granville, O.....        | Baptist                    | Rev. Emory W. Hunt, D. D.          | 35                 | 450           | 30,000                     |
| 1837            | De Panu Univ.†...                                                | Greencastle, Ind.....    | Meth. Epis.                | Rev. H. A. Gobin, D. D., LL. D.    | 28                 | 515           | 17,500                     |
| 1865            | Des Moines College†...                                           | Des Moines, Iowa.....    | Baptist                    | Geo. D. Adams, A. M., D. D.        | 26                 | 322           | 6,000                      |
| 1783            | Dickinson College†...                                            | Carlisle, Pa.....        | Meth. Epis.                | Geo. E. Reed, S. T. D., LL. D.     | 32                 | 500           | 40,000                     |
| 1872            | Doane College†...                                                | Crete, Neb.....          | Congregat' l               | David B. Perry, A. M., D. D.       | 14                 | 200           | 8,753                      |
| 1881            | Drake University†...                                             | Des Moines, Iowa.....    | Christian                  | H. M. Bell.....                    | 104                | 1,820         | 7,000                      |
| 1866            | Drew Theol. Sem.....                                             | Madison, N. J.....       | Meth. Epis.                | Henry A. Buttz, D. D., LL. D.      | 7                  | 180           | 76,500                     |
| 1873            | Drury College†...                                                | Springfield, Mo.....     | Congrega' l                | Homert T. Fuller, Ph. D., D. D.    | 20                 | 325           | 26,000                     |
| 1847            | Earlham College†...                                              | Richmond, Ind.....       | Or. Friends.               | Joseph J. Mills, A. M., LL. D.     | 21                 | 300           | 7,000                      |
| 1855            | Elmira College†...                                               | Elmira, N. Y.....        | Presbyter' n               | Rev. A. C. MacKenzie, D. D.        | 20                 | 200           | 6,000                      |
| 1890            | Elon College† (q)...                                             | Elon College, N. C.....  | Christian                  | Rev. W. W. Staley, A. M., D. D.    | 10                 | 150           | 2,500                      |
| 1837            | Emory & Henry Col.†                                              | Emory, Va.....           | Meth. Ep. S.               | R. G. Waterhouse, M. A., D. D.     | 10                 | 120           | 10,000                     |
| 1836            | Emory College (q)...                                             | Oxford, Ga.....          | Meth. Ep. S.               | E. C. Downan, A. M., D. D.         | 14                 | 279           | 20,000                     |
| 1882            | Emporia College†...                                              | Emporia, Kan.....        | Presbyter' n               | Rev. J. C. Miller, A. M., D. D.    | 14                 | 160           | 6,000                      |
| 1856            | Eureka College (q)...                                            | Eureka, Ill.....         | Disciples                  | R. E. Hieronymus, A. M.....        | 16                 | 225           | 6,500                      |
| 1867            | Ewing College†...                                                | Ewing, Ill.....          | Baptist                    | J. A. Leavitt, F. R., D. D., G. S. | 13                 | 220           | 5,000                      |
| 1895            | Fairmount College†...                                            | Wichita, Kan.....        | Congregat' l               | N. J. Morrison, D. D., LL. D.      | 23                 | 238           | 22,000                     |
| 1888            | Fargo College†...                                                | Fargo, N. Dak.....       | Congregat' l               | Rev. J. H. Morley, A. M., LL. D.   | 12                 | 163           | 4,205                      |
| 1882            | Findlay College†...                                              | Findlay, O.....          | Ch. of God.                | Rev. C. Manchester, D. D.....      | 15                 | 367           | 1,030                      |
| 1866            | Fisk University† (c)...                                          | Nashville, Tenn.....     | Congregat' l               | Rev. Jas. G. Merrill, D. D.....    | 32                 | 498           | 7,274                      |
| 1881            | Fort Worth Univ.†...                                             | Fort Worth, Tex.....     | Meth. Epis.                | Rev. O. L. Fisher, A. M., D. D.    | 54                 | 900           | 10,000                     |
| 1787            | Franklin & Marshall.                                             | Lancaster, Pa.....       | Ref. in U. S.              | Rev. J. S. Stahr, Ph. D., D. D.    | 24                 | 378           | 37,100                     |
| 1834            | Franklin College†...                                             | Franklin, Ind.....       | Baptist                    | Rev. T. Stott, D. D., A. M.        | 11                 | 201           | 13,560                     |
| 1825            | Franklin College†...                                             | New Athens, O.....       | Non-Sect.                  | R. G. Campbell, D. D., A. M.       | 10                 | 105           | ...                        |
| 1851            | Furman University...                                             | Greenville, S. C.....    | Baptist                    | Chas. H. Judson, LL. D.....        | 13                 | 255           | 4,000                      |
| 1817            | General Theol. Sem.                                              | Maul'nBoro, N. Y.....    | Prot. Epis.                | P. K. Cady, D. D. (Act. Dean)      | 17                 | 145           | 31,737                     |
| 1849            | Geneva College†...                                               | Beaver Falls, Pa.....    | Ref. Presb.                | W. P. Johnston, A. M., D. D.       | 15                 | 215           | 4,000                      |
| 1789            | Georgetown Univ.....                                             | Washington, D. C.....    | R. Catholic.               | Rev. Jerome Daugherty, S. J.       | 120                | 750           | 85,600                     |
| 1848            | Girard College...                                                | Philadelphia, Pa.....    | Non-Sect.                  | A. H. Fetterolf, Ph. D., LL. D.    | 67                 | 1,577         | 16,339                     |
| 1872            | Granbury Col.† (q)...                                            | Granbury, Tex.....       | Meth. Ep. S.               | H. A. Scomp, Ph. D., LL. D.        | 9                  | 174           | 1,000                      |
| 1867            | Grant University†...                                             | Ch't'n'ga, Tenn.†        | Meth. Epis.                | Rev. John H. Race, A. M., D. D.    | 61                 | 804           | 7,000                      |
| 1846            | Greensboro College†                                              | Greensboro, N. C.....    | Meth. Ep. S.               | Lucy H. Robertson.....             | 13                 | 125           | 7,000                      |
| 1794            | Gre' nville & Tusc. Col.†                                        | Tusculum, Tenn.....      | Presbyter' n               | Rev. S. A. Colle, D. D.....        | 13                 | 200           | 8,600                      |
| 1891            | Gre' r College†...                                               | Hoopeston, Ill.....      | Non-Sect.                  | J. M. Clary, A. M., LL. B.         | 10                 | 240           | 600                        |
| 1876            | Grove City Col.†...                                              | Grove City, Pa.....      | Non-Sect.                  | Rev. I. C. Ketter, Ph. D., D. D.   | 18                 | 603           | 5,000                      |
| 1837            | Guilford College†...                                             | Guilford Col., N. C..... | Friends                    | Lewis L. Hobbs, A. B., A. M.       | 14                 | 200           | 5,000                      |
| 1862            | Gustav. Adolphus C.†                                             | St. Peter, Minn.....     | Lutheran                   | M. Wallstrom, A. M., Ph. D.        | 21                 | 339           | 9,000                      |
| 1812            | Hamilton College...                                              | Clinton, N. Y.....       | Non-Sect.                  | M. W. Stryker, D. D., LL. D.       | 20                 | 196           | 43,000                     |
| 1854            | Hamline Univ.†...                                                | St. Paul, Minn. (2)...   | Meth. Epis.                | Rev. G. H. Bridgman, D. D.         | 67                 | 445           | 7,000                      |
| 1776            | Hamden-Sidney Col.                                               | Hampt. - Sidney, Va..... | Presbyter' n               | Richard McElwaine, D. D.....       | 9                  | 107           | 15,000                     |
| 1868            | Hampton Inst.† (f)...                                            | Hampton, Va.....         | Non-Sect.                  | Rev. H. B. Frissell, D. D.....     | 82                 | 1,161         | 12,000                     |
| 1838            | Hanover College†...                                              | Hanover, Ind.....        | Presbyter' n               | Rev. W. Fisher, D. D., LL. D.      | 13                 | 160           | 16,000                     |
| 1834            | Hartford Theol. Sem.†                                            | Hartford, Ct.....        | Congregat' l               | Rev. C. D. Hartman, D. D.....      | q) 17              | (q) 75        | 74,000                     |
| 1838            | Harvard University (f)                                           | Cambridge, Mass.....     | Non-Sect.                  | Isaac Sharpless, Sc. D., LL. D.    | 534                | 4,265         | 607,100                    |
| 1833            | Haverford College...                                             | Haverford, Pa.....       | Friends                    | Chas. E. Miller, A. M.....         | 32                 | 341           | 15,000                     |
| 1850            | Heidelberg Univ.†...                                             | Tiffin, O.....           | Ref. in U. S.              | Chas. E. Miller, A. M.....         | 32                 | 341           | 15,000                     |
| 1884            | Hendrix College...                                               | Conway, Ark.....         | Meth. Ep. S.               | Stonewall Anderson, A. B.          | 13                 | 250           | 7,000                      |
| 1892            | Henry College (q)...                                             | Campbell, Tex. (k)...    | Non-Sect.                  | T. H. Bridges.....                 | 19                 | 350           | 800                        |
| 1894            | Henry Kendall Col.†                                              | Muskogee, Ind.†...       | Presbyter' n               | Rev. A. Grant Evans.....           | 12                 | 160           | 1,200                      |
| 1855            | Hillsdale College†...                                            | Hillsdale, Mich.....     | Free Baptist               | Jos. W. Mauck, A. M., LL. D.       | 20                 | 310           | 10,816                     |
| 1850            | Hiram College†...                                                | Hiram, O.....            | Disciples                  | J. A. Beattie, LL. D.....          | 24                 | 296           | 7,000                      |
| 1849            | Hiwassee College†...                                             | Hiwassee, Tenn.....      | Non-Sect.                  | Rev. J. E. Lowry, A. M.....        | 6                  | 130           | 6,000                      |
| 1825            | Hobart College...                                                | Geneva, N. Y.....        | Prot. Epis.                | Wm. P. Durfee (Act. Pres.)         | 19                 | 103           | 39,960                     |
| 1843            | Holy Cross College...                                            | Worcester, Mass.....     | R. Catholic.               | Rev. Jos. F. Hanselman, S. J.      | 28                 | 355           | ...                        |
| 1866            | Hope College†...                                                 | Holland, Mich.....       | Ref. in Am.                | Gerrit J. Kollen, A. M., LL. D.    | 13                 | 206           | 15,000                     |
| 1842            | Howard College†...                                               | East Lake, Ala.....      | Baptist                    | A. P. Montague, LL. D.....         | 10                 | 120           | 6,000                      |
| 1889            | Howard Payne Col.†                                               | Brownwood, Tex.....      | Baptist                    | J. H. Grove, M. S. D., A. M.       | 11                 | 225           | 2,000                      |
| 1867            | Howard University†                                               | Washington, D. C.....    | Non-Sect.                  | C. E. Rankin, D. D., LL. D.        | 60                 | 1,000         | 15,000                     |
| 1829            | Illinois College...                                              | Jacksonville, Ill.....   | Non-Sect.                  | J. W. Barnes, M. A., B. D.....     | 17                 | 125           | 14,622                     |
| 1850            | Ill. Wesley. Univ.† (q)                                          | Bloomington, Ill.....    | Meth. Epis.                | Edgar M. Smith, M. A., D. D.       | 34                 | 1,421         | 10,000                     |
| 1820            | Indiana University†                                              | Bloomington, Ind.....    | Non-Sect.                  | Wm. L. Bryan, A. B., A. M.         | 70                 | 1,285         | 41,000                     |
| 1847            | Iowa College†...                                                 | Grinnell, Iowa.....      | Congregat' l               | Dan. F. Bradley, D. D.....         | 36                 | 500           | 27,916                     |
| 1868            | Iowa State College†                                              | Ames, Iowa.....          | Non-Sect.                  | E. W. Stanton, M. Sc. (Act. P.)    | 84                 | 1,220         | 15,000                     |
| 1844            | Iowa Wesley. Un.†...                                             | Mt. Pleasant, Iowa.....  | Meth. Epis.                | J. W. Hancher, A. M., S. T. D.     | 27                 | 515           | 8,000                      |
| 1894            | Jacob Tome Inst.†...                                             | Port Deposit, Md.....    | Non-Sect.                  | A. W. Harris, A. M. (Director)     | 48                 | 564           | 8,302                      |
| 1883            | John B. Stetson Un.†                                             | De Land, Fla.....        | Baptist                    | John F. Forbes, A. M., Ph. D.      | 43                 | 429           | 12,000                     |
| 1876            | Johns Hopkins Un. (a)                                            | Baltimore, Md.....       | Non-Sect.                  | Jra Rensen, LL. D.....             | 144                | 694           | 105,000                    |
| 1855            | Kalamazoo Col.† (f)...                                           | Kalamazoo, Mich.....     | Baptist                    | A. G. Slocum, LL. D.....           | 14                 | 217           | 7,116                      |
| 1886            | Kansas Wesleyan Un.†                                             | Salina, Kan.....         | Meth. Epis.                | W. F. Hoyt, A. B., B. S.....       | 34                 | 985           | 5,000                      |
| 1858            | Kentucky Univ.†...                                               | Lexington, Ky. (y)...    | Christian                  | B. A. Jenkins, A. M., B. D.        | 60                 | 1,200         | 18,500                     |
| 1868            | Ky. Wesleyan Col.†...                                            | Winchester, Ky.....      | Meth. Ep. S.               | Rev. John L. Weber, Litt. D.       | 13                 | 175           | 5,000                      |
| 1825            | Kenyon College...                                                | Gambier, O.....          | Prot. Epis.                | Rev. W. F. Peirce, A. M., L. H. D. | 25                 | 135           | 32,000                     |
| 1892            | Kenka College†...                                                | Keuka Park, N. Y.....    | Free Bapt.                 | Rev. Geo. H. Ball, A. M., D. D.    | 15                 | 176           | 3,000                      |
| 1837            | Knox College†...                                                 | Galesburg, Ill.....      | Non-Sect.                  | Thomas McClelland, D. D.....       | 26                 | 688           | 9,000                      |

| ORGAN.<br>LEAD. | Colleges—Table One.<br>For explanation of signs, see<br>page 812. | Location.             | Denominational<br>Control. | President or Chairman of Faculty. | Institu-<br>tions.* | Stu-<br>dents† | Vol-<br>umes in<br>Library |
|-----------------|-------------------------------------------------------------------|-----------------------|----------------------------|-----------------------------------|---------------------|----------------|----------------------------|
| 1832            | Lafayette College (y)                                             | Easton, Pa.           | Presbyter'n                | E. D. Warfield, LL.D.             | 29                  | 426            | 21,200                     |
| 1858            | La Grange College                                                 | La Grange, Mo.        | Baptist                    | Jer. T. Muir, LL.D., A. M.        | 14                  | 160            | 7,000                      |
| 1857            | Lake Forest Univ. t                                               | Lake Forest, Ill. (p) | Non-Sect.                  | Richard D. Harlan, A. M.          | 22                  | 116            | 16,000                     |
| 1829            | Lane Theol. Seminary                                              | Cincinnati, O.        | Presbyter'n                |                                   | 5                   | 20             | 28,000                     |
| 1862            | La Salle College                                                  | Philadelphia, Pa.     | R. Catholic                | Brother Wolfred                   | 22                  | 237            | 9,500                      |
| 1847            | Lawrence Univ. t                                                  | Appleton, Wis.        | Int'denom'                 | Samuel Plantz, Ph.D., D.D.        | 31                  | 496            | 19,621                     |
| 1866            | Lebanon Valley Col. t                                             | Annlville, Pa.        | U. Brethren                | Rev. H. U. Roop, A. M., Ph.D.     | 29                  | 451            | 10,000                     |
| 1866            | Lehigh University                                                 | S. Bethlehem, Pa.     | Non-Sect.                  | Thomas M. Drown, LL.D.            | 8                   | 585            | 115,000                    |
| 1891            | Leland Stanford, Jr. t                                            | Palo Alto, Cal.       | Non-Sect.                  | David Starr Jordan, LL.D.         | 150                 | 1,325          | 63,000                     |
| 1870            | Leland University †                                               | New Orleans, La.      | Baptist                    | R. W. Perkins, M. A., Ph.D.       | 38                  | 1,270          | 3,000                      |
| 1856            | Lenox College                                                     | Hopkinton, Iowa.      | Presbyter'n                | Rev. F. W. Grossman               | 15                  | 150            | 5,000                      |
| 1874            | Liberty College                                                   | Glasgow, Ky.          | Baptist                    | Rev. J. H. Burnett, A. M.         | 11                  | 150            | 1,000                      |
| 1893            | Lima College                                                      | Lima, O.              | Lutheran                   | Rev. S. P. Long, A. M.            | 10                  | 275            | 1,200                      |
| 1865            | Lincoln College †                                                 | Lincoln, Ill.         | Cumb. Pres.                | J. L. Goodnight, A. M., D.D.      | 11                  | 189            | 3,000                      |
| 1879            | Livingstone College †                                             | Salisbury, N. C.      | Afric. Meth.               | Wm. H. Goler, A. M., D.D.         | 24                  | 260            | 5,000                      |
| 1851            | Lombard College                                                   | Galesburg, Ill.       | Universalist               | Charles E. Nash, A. M., D.D.      | 27                  | 204            | 7,100                      |
| 1860            | Louisiana State Univ.                                             | Baton Rouge, La.      | Non-Sect.                  | Thos. D. Boyd, A. M., LL.D.       | 24                  | 400            | 23,000                     |
| 1853            | Manhattan College                                                 | Manh'n Boro, N. Y.    | R. Catholic                | Rev. Bro. Jerome, F. S. C.        | 28                  | 561            | 10,290                     |
| 1835            | Marietta College                                                  | Marietta, O.          | Non-Sect.                  | Alfred T. Perry, A. M., D.D.      | 25                  | 270            | 6,000                      |
| 1818            | Maryville College                                                 | Maryville, Tenn.      | Presbyter'n                | Samuel T. Wilson, D.D.            | 18                  | 371            | 12,000                     |
| 1895            | Mass. Agri. College                                               | Amherst, Mass.        | Non-Sect.                  | Henry H. Goodell, LL.D.           | 21                  | 151            | 23,640                     |
| 1895            | Mass. Inst. Tech. (y)                                             | Boston, Mass.         | Non-Sect.                  | Henry S. Pritchett, LL.D.         | 139                 | 1,430          | 53,851                     |
| 1829            | Mc'ormick Th. Sem.                                                | Chicago, Ill.         | Presbyter'n                | G. L. Robinson, Ph.D. (Chm.)      | 9                   | 120            | 24,500                     |
| 1828            | McKendree College                                                 | Lebanon, Ill.         | Meth. Epis.                | M. H. Chamberlin, LL.D.           | 14                  | 213            | 8,000                      |
| 1858            | McMinnville College                                               | McMinnville, Ore.     | Baptist                    | H. L. Boardman, A. M.             | 9                   | 160            | 3,500                      |
| 1837            | Mercer University                                                 | Macon, Ga.            | Baptist                    | P. D. Pollock, A. M., LL.D.       | 15                  | 270            | 15,000                     |
| 1824            | Miami University                                                  | Oxford, O.            | Non-Sect.                  | Rev. Guy P. Benion, A. M.         | 30                  | 211            | 20,000                     |
| 1857            | Mich. Agri. College                                               | Lansing, Mich.        | Non-Sect.                  | J. L. Snyder, M. A., Ph.D.        | 60                  | 700            | 23,320                     |
| 1800            | Middlebury College                                                | Middlebury, Vt.       | Non-Sect.                  | Ezra Brainerd, D.D., LL.D.        | 12                  | 116            | 26,154                     |
| 1887            | Midland College                                                   | Atchison, Kan.        | Lutheran                   | Rev. Jacob A. Clutz, D.D.         | 15                  | 160            | 5,000                      |
| 1892            | Milligan College                                                  | Milligan, Tenn.       | Christian                  | Josephus Hopwood, A. M.           | 9                   | 200            | 2,000                      |
| 1871            | Mills College † (y)                                               | Seminary Park, Cal.   | Non-Sect.                  | Mrs. C. T. Mills, Litt. D.        | 28                  | 190            | 6,000                      |
| 1892            | Millsaps College †                                                | Jackson, Miss.        | Meth. Epis.                | Wm. B. Murrah, D.D., LL.D.        | 12                  | 240            | 5,342                      |
| 1867            | Milton College                                                    | Milton, Wis.          | 7th Day Bap.               | W. C. Daland, A. M., D.D.         | 13                  | 80             | 6,580                      |
| 1878            | Mississippi A. & M. C. †                                          | Agri. College, Miss.  | Non-Sect.                  | J. C. Hardy, A. M., LL.B.         | 40                  | 604            | 8,958                      |
| 1826            | Mississippi College (y)                                           | Clinton, Miss.        | Baptist                    | Rev. W. T. Lowrey, D.D., A. M.    | 9                   | 283            | 3,000                      |
| 1889            | Missouri Valley Col. †                                            | Marshall, Mo.         | Cumb. Pres.                | William H. Black, D.D.            | 15                  | 283            | 7,000                      |
| 1856            | Monmouth College                                                  | Monmouth, Ill.        | United Pres.               | J. N. Swan (Act. Pres.)           | 17                  | 359            | 6,000                      |
| 1856            | Moore's Hill College                                              | Moore's Hill, Ind.    | Meth. Epis.                | Chas. W. Lewis, D.D.              | 10                  | 1,865          | 5,000                      |
| 1890            | Morningside College                                               | Sioux City, Iowa.     | Methodist                  | W. S. Lewis, D. D., A. M.         | 35                  | 475            | 3,500                      |
| 1881            | Morris Brown College                                              | Atlanta, Ga.          | Methodist                  | Rev. J. M. Henderson, A. M.       | 18                  | 512            | 1,500                      |
| 1887            | Mount Angel College                                               | Mount Angel, Ore.     | R. Catholic                | F. Dominic, O. S. B.              | 22                  | 138            | 5,000                      |
| 1837            | Mt. Holyoke College                                               | S. Hadley, Mass.      | Non-Sect.                  | Mary E. Woolley, M. A.            | 58                  | 673            | 21,000                     |
| 1806            | Mt. St. Mary's College                                            | Emmitsburg, Md.       | R. Catholic                | Very Rev. W. L. O'Hara, A. M.     | 55                  | 210            | 25,000                     |
| 1849            | Mt. Union College                                                 | Alliance, O.          | Meth. Epis.                | Albert B. Riker, D. D., A. M.     | 26                  | 521            | 7,000                      |
| 1867            | Muhlenberg College                                                | Allentown, Pa.        | Lutheran                   | Rev. Theo. L. Seip, D. D.         | 13                  | 150            | 11,500                     |
| 1837            | Muskingum College                                                 | New Concord, O.       | United Pres.               | Rev. Jesse Johnson, D.D.          | 13                  | 214            | 3,600                      |
| 1888            | Neb. Wesleyan Univ. †                                             | University Pl, Neb.   | Meth. Epis.                | D. W. C. Huntington, D.D.         | 40                  | 700            | 5,500                      |
| 1866            | Nevada State Un. † (y)                                            | Reno, Nev.            | Non-Sect.                  | Joseph E. Stubbs, D. D., LL.D.    | 24                  | 392            | 8,300                      |
| 1856            | Newberry College                                                  | Newberry, S. C.       | Lutheran                   | Geo. B. Cromer, A. M., LL.D.      | 8                   | 167            | 10,000                     |
| 1874            | New Orleans Univ. † (y)                                           | New Orleans, La.      | Meth. Epis.                | Frederic H. Knight, A. B.         | 58                  | 613            | 5,000                      |
| 1825            | Newton Theol. Inst.                                               | Newtown Centre, Mas.  | Baptist                    | Rev. Nathan F. Wood, D.D.         | 8                   | 63             | 24,500                     |
| 1831            | New York Univ. (w)                                                | New York City (y)     | Non-Sect.                  | H. M. MacCracken, DD, LL.D.       | 212                 | 2,025          | 67,364                     |
| 1856            | Niagara University                                                | Niagara Falls, N. Y.  | R. Catholic                | Very Rev. W. F. Likly, C. M.      | 20                  | 200            | 20,000                     |
| 1849            | Nor. C. Ag. & Mh. Arts                                            | West Raleigh, N. C.   | Non-Sect.                  | Geo. T. Winston, LL.D.            | 35                  | 500            | 4,000                      |
| 1860            | Northern Ill. Col. †                                              | Fulton, Ill.          | Non-Sect.                  | J. E. Bittinger, A. M.            | 6                   | 150            | 2,500                      |
| 1861            | Northwestern Col. †                                               | Naperville, Ill.      | Evangelical                | H. J. Kie-khoefer, A. M., Ph.D.   | 20                  | 390            | 6,000                      |
| 1851            | Northwestern Univ. †                                              | Evanston, Ill.        | Meth. Epis.                | Edmund J. James, Ph.D.            | 322                 | 3,200          | 68,325                     |
| 1865            | Northwestern Univ. †                                              | Watertown, Wis.       | Lutheran                   | A. F. Ernst, Ph.D.                | 10                  | 142            | 4,913                      |
| 1861            | Norwegian Luth. Col.                                              | Decorah, Iowa.        | Lutheran                   | Rev. C. K. Preus.                 | 12                  | 191            | 11,555                     |
|                 | Notre Dame Univ.                                                  | See * University of   |                            |                                   |                     |                |                            |
| 1833            | Oberlin College                                                   | Oberlin, O.           | Non-Sect.                  | Henry C. King, D. D.              | 86                  | 1,401          | 69,000                     |
| 1877            | Ogden College                                                     | Bowling, Gr'n, Ky.    | Non-Sect.                  | Wm. A. Obenchain, A. M.           | 5                   | 81             | 3,900                      |
| 1870            | Ohio State Univ. †                                                | Columbus, O.          | Non-Sect.                  | W. O. Thompson, D. D., LL.D.      | 136                 | 1,516          | 44,523                     |
| 1804            | Ohio University                                                   | Athens, O.            | Non-Sect.                  | Alston Ellis, Ph. D., LL.D.       | 39                  | 419            | 17,000                     |
| 1844            | Ohio Wesleyan Univ. †                                             | Delaware, O.          | Meth. Epis.                | James W. Bashford, D.D.           | 75                  | 1,550          | 50,000                     |
| 1892            | Oklahoma Univ. †                                                  | Norman, Okla., Ter.   | Non-Sect.                  | David R. Boyd, A. M., Ph.D.       | 30                  | 400            | 8,600                      |
| 1870            | Oregon Agri. Col. †                                               | Corvallis, Ore.       | Non-Sect.                  | Thos. M. Gatch, M. A., Ph.D.      | 30                  | 450            | 3,100                      |
| 1865            | Ottawa University                                                 | Ottawa, Kan.          | Baptist                    | J. D. S. Higgs, Ph.D., LL.D.      | 23                  | 650            | 4,000                      |
| 1847            | Otterbein Univ. †                                                 | Westerville, O.       | U. Brethren                | George Scott, Litt. D., Ph.D.     | 30                  | 257            | 10,000                     |
| 1866            | Onachita College                                                  | Arkadelphia, Ark.     | Baptist                    | J. W. Conger, A. M., LL.D.        | 30                  | 416            | 3,500                      |
| 1891            | Pacific College                                                   | Newberg, Ore.         | Friends                    | H. E. McGrew, B. S., M. S.        | 8                   | 117            | 1,560                      |
| 1854            | Pacific University †                                              | Forest Grove, Ore.    | Congregat'l                | Wm. N. Ferrin, A. M. (Dean)       | 114 (y)             | 211            | 10,800                     |
| 1875            | Park College                                                      | Parkville, Mo.        | Presbyter'n                | Lowell M. McAtee                  | 20                  | 562            | 15,000                     |
| 1875            | Parsons College                                                   | Fairfield, Iowa.      | Presbyter'n                | Rev. F. W. Hinit, Ph.D.           | 20                  | 259            | 7,000                      |
| 1875            | Peabody Teach. Col. †                                             | Nashville, Tenn.      | Non-Sect.                  | James D. Porter, LL.D.            | 33                  | 577            | 15,000                     |
| 1873            | Penn College                                                      | Oskaloosa, Iowa.      | Friends                    | A. Rosenberger, A. B., LL.D.      | 15                  | 366            | 5,000                      |
| 1849            | Pennsylvania College                                              | Pittsburgh, Pa.       | Presbyter'n                | Rev. C. Martin, A. M., D.D.       | 25                  | 200            | 3,000                      |
| 1832            | Pennsylvania College                                              | Gettysburg, Pa.       | Lutheran                   | H. W. McKnight, D. D., LL.D.      | 15                  | 285            | 24,000                     |
| 1862            | Pennia. Military Col.                                             | Chester, Pa.          | Non-Sect.                  | Col. Chas. E. Hyatt C. P.         | 14                  | 139            | 1,500                      |
| 1859            | Penna. State College                                              | State College, Pa.    | Non-Sect.                  | Geo. W. Atherton, LL.D.           | 48                  | 550            | 18,557                     |
| 1877            | Philander Smith Col. †                                            | Little Rock, Ark.     | Meth. Epis.                | Rev. James M. Cox, D.D.           | 14                  | 464            | 1,500                      |

| ORGAN-<br>IZED. | Colleges.—Table One.<br>For explanation of signs, see<br>page 312. | Location.            | Denominational<br>Control. | President or Chairman of Faculty. | Instruc-<br>tors*<br>Total. | Stu-<br>dents <sup>†</sup> | Vol-<br>umes in<br>Library |
|-----------------|--------------------------------------------------------------------|----------------------|----------------------------|-----------------------------------|-----------------------------|----------------------------|----------------------------|
| 1881            | Pike College (q)                                                   | Bowling Green, Mo    | Non-Sect                   | Chas. R. Wakeland, B. S.          | 10                          | 128                        | 600                        |
| 1854            | Polytechnic Institute.                                             | Brooklyn, N. Y.      | Non-Sect                   | Henry S. Snow, A. B., LL. D.      | 50                          | 650                        | 12,000                     |
| 1888            | Pomona College.                                                    | Claremont, Cal.      | Congregat'l                | Geo. A. Gates, D. D., LL. D.      | 20                          | 265                        | 6,000                      |
| 1887            | Pratt Institute.                                                   | Brooklyn, N. Y.      | Non-Sect                   | Charles M. Pratt.                 | 129                         | 3,183                      | 76,000                     |
| 1830            | Presbyterian Col. S. Ct                                            | Clinton, S. C.       | Presbyter' n               | Almon E. Spencer, B. A., M. A.    | 6                           | 65                         | 1,800                      |
| 1812            | Princeton Theol. Sem.                                              | Princeton, N. J.     | Presbyter' n               | F. L. Patton, D. D., LL. D.       | 12                          | 169                        | 70,400                     |
| 1746            | Princeton University.                                              | Princeton, N. J.     | Non-Sect                   | Wadsworth Wilson, LL. D., Lt. D.  | 101                         | 1,350                      | 165,000                    |
| 1889            | Pritchett College. †                                               | Glasgow, Mo.         | Non-Sect.                  | C. C. Heneaway, A. B., Ph. D.     | 10                          | 80                         | 1,000                      |
| 1871            | Proseminar College.                                                | Elmhurst, Ill.       | Evan. gelical              | Rev. D. Irion, D. D., Ph. D.      | 7                           | 98                         | 1,952                      |
| 1874            | Purdue University.                                                 | Lafayette, Ind.      | Non-Sect.                  | W. E. Stone, A. M., Ph. D.        | 81                          | 1,212                      | 12,000                     |
| 1852            | Racine College (q)                                                 | Racine, Wis.         | Prot. Epis.                | Henry D. Robinson, M. A.          | 7                           | 115                        | 11,000                     |
| 1894            | Radcliffe College (O)                                              | Cambridge, Mass.     | Non-Sect.                  | Mrs. E. Cary Agassiz              | 114                         | 410                        | 16,000                     |
| 1830            | Randolph-Macon Col.                                                | Ashland, Va.         | Meth. Ep. S.               | R. E. Blackwell, A. M.            | 10                          | 130                        | 10,000                     |
| 1893            | Randolph-Peakon C. I.                                              | Lynchburg, Va.       | Methodist                  | Wm. W. Smith, A. M., LL. D.       | 24                          | 264                        | 4,000                      |
| 1824            | Rensselaer Poly. Inst.                                             | Troy, N. Y.          | Non-Sect.                  | Palmer C. Ricketts, C. E.         | 21                          | 318                        | 6,641                      |
| 1832            | Richmond College.                                                  | Richmond, Va.        | Baptist                    | F. W. Boatwright, M. A.           | 15                          | 230                        | 14,500                     |
| 1876            | Rio Grande College.                                                | Rio Grande, O.       | Free Bapt.                 | Rev. J. M. Davis, D. D.           | 7                           | 116                        | 3,200                      |
| 1851            | Ripon College.                                                     | Ripon, Wis.          | Non-Sect.                  | R. C. Hughes, A. M., D. D.        | 16                          | 158                        | 11,000                     |
| 1853            | Roanoke College.                                                   | salem, Va.           | Lutheran.                  | J. D. Dreher, A. M., Ph. D.       | 10                          | 164                        | 22,000                     |
| 1856            | Rock Hill College.                                                 | Ellicott City, Md.   | R. Catholic.               | Rev. Bro. Abraham                 | 15                          | 130                        | 8,000                      |
| 1864            | Roger Williams U. †                                                | Nashville, Tenn.     | Baptist                    | Rev. P. B. Gurnsey, A. M.         | 14                          | 221                        | 5,000                      |
| 1885            | Rollins College.                                                   | Winter Park, Fla.    | Non-Sect.                  | W. F. Blackman, Ph. D.            | 17                          | 221                        | 1,900                      |
| 1874            | Rose Poly. Inst.                                                   | Terre Haute, Ind.    | Non-Sect.                  | C. Leo Mees, Ph. D.               | 20                          | 208                        | 12,000                     |
| 1900            | Ruskin College.                                                    | Trenton, Mo.         | Non-Sect.                  | G. McA. Miller, Ph. D.            | 20                          | 360                        | 2,000                      |
| 1766            | Rutgers College.                                                   | N. Brunswick, N. J.  | Non-Sect.                  | Austin Scott, Ph. D., LL. D.      | 30                          | 220                        | 44,520                     |
| 1871            | San Fran. The. Sem. (q)                                            | San Anselmo, Cal.    | Presbyter' n               | Rev. Thos. F. Day, D. D.          | 7                           | 20                         | 16,000                     |
| 1857            | Scio College.                                                      | Scio, O.             | Meth. Epis.                | James H. Beal, Sc. D.             | 22                          | 346                        | 5,000                      |
| 1870            | Scotia Seminary †                                                  | Concord, N. C.       | Presbyter' n               | Rev. D. J. Satterfield, D. D.     | 17                          | 283                        | 2,200                      |
| 1856            | Seton Hall College.                                                | South Orange, N. J.  | R. Catholic.               | Rev. John A. Stafford, S. T. L.   | 28                          | 175                        | 40,000                     |
| 1865            | Shaw University †                                                  | Raleigh, N. C.       | Baptist                    | Charles F. Meserve, LL. D.        | 27                          | 500                        | 1,500                      |
| 1835            | Shurtleff College (q)                                              | Upper Alton, Ill.    | Baptist                    | Rev. Stanley A. McKay, D. D.      | 15                          | 183                        | 8,500                      |
| 1899            | Simmons College.                                                   | Boston, Mass.        | Non-Sect.                  | H. Lefavour, Ph. D., LL. D.       | 25                          | 140                        | 8,500                      |
| 1867            | Simpson College.                                                   | Indianola, Iowa      | Meth. Epis.                | Charles E. Shelton, A. M.         | 33                          | 836                        | 4,000                      |
| 1875            | Smith College.                                                     | N' hampton, Mass.    | Non-Sect.                  | L. Clark Seelye, D. D., LL. D.    | 83                          | 1,017                      | 7,000                      |
| 1801            | South Carolina Col. †                                              | Columbia, S. C.      | Non-Sect.                  | Benj. Sloan (Act. Pres.)          | 16                          | 215                        | 33,783                     |
| 1859            | S' th' n Bap. Th. Sem. †                                           | Louisville, Ky.      | Baptist.                   | E. Y. Mullins, D. D., LL. D.      | 8                           | 260                        | 25,000                     |
| 1856            | Southern University.                                               | Greensboro', Ala.    | Meth. Ep. S.               | Rev. S. M. Hosmer, D. D.          | 10                          | 135                        | 8,000                      |
| 1847            | Southwe' n Bap. U. †                                               | Jackson, Tenn.       | Baptist                    | G. M. Savage, A. M., LL. D.       | 20                          | 301                        | 3,000                      |
| 1875            | Southwe' n Pres. Univ.                                             | Clarksville, Tenn.   | Presbyter' n               | George Summey, D. D.              | 11                          | 88                         | 8,500                      |
| 1873            | Southwestern Un. (q)                                               | Georgetown, Tex.     | Meth. Ep. S.               | Robert S. Hyer, A. M.             | 23                          | 483                        | 2,500                      |
| 1886            | Southwest Kansas C. †                                              | Winfield, Kan.       | Meth. Epis.                | Fred. C. Demorest, D. D., A. M.   | 15                          | 297                        | 6,000                      |
| 1836            | Spring Hill College.                                               | Mobile, Ala.         | R. Catholic.               | Rev. Wm. J. Tyrrell, S. J.        | 23                          | 162                        | 20,000                     |
| 1865            | State College of Ky. †                                             | Lexington, Ky.       | Non-Sect.                  | J. K. Patterson, Ph. D., LL. D.   | 50                          | 540                        | 4,000                      |
| 1847            | State Univ. of Iowa †                                              | Iowa City, Iowa      | Non-Sect.                  | George E. MacLean, LL. D.         | 160                         | 1,512                      | 68,000                     |
| 1879            | State Univ. of Ky. †                                               | Louisville, Ky.      | Baptist.                   | Rev. Chas. L. Purce, D. D.        | 11                          | 200                        | 1,000                      |
| 1889            | St. Anselm's College.                                              | Manchester, N. H.    | R. Catholic.               | Rt. Rev. Abbot Hilary, D. D.      | 22                          | 95                         | 2,000                      |
| 1858            | St. Benedict's College.                                            | Atchison, Kan.       | R. Catholic.               | Rt. Rev. I. Wolf, D. D.           | 25                          | 150                        | 25,000                     |
| 1848            | St. Charles College (q)                                            | Ellicott City, Md.   | R. Catholic.               | Rev. C. B. Schrantz, S. S. A. M.  | 1                           | 240                        | 15,000                     |
| 1847            | St. Francis Xavier C.                                              | Manh' n Boro., N. Y. | R. Catholic.               | Rev. D. W. Hearn, S. J.           | 32                          | 690                        | 50,000                     |
| 1871            | Stevens Inst. of Tech.                                             | Hoboken, N. J.       | Non-Sect.                  | Alex. C. Humphreys.               | 22                          | 297                        | 9,000                      |
| 1789            | St. John's College.                                                | Annapolis, Md.       | Non-Sect.                  | Thomas Fell, Ph. D., LL. D.       | 13                          | 180                        | 8,200                      |
| 1870            | St. John's College.                                                | Washington, D. C.    | R. Catholic.               | Rev. Bro. Abbas, F. S. C.         | 11                          | 161                        | 4,000                      |
| 1841            | St. John's College.                                                | Fordham, N. Y. C.    | R. Catholic.               | Rev. Geo. A. Pettit, S. J.        | 40                          | 414                        | 42,000                     |
| 1857            | St. John's University.                                             | Collegeville, Minn.  | R. Catholic.               | Rt. Rev. Peter Engel, Ph. D.      | 38                          | 340                        | 17,000                     |
| 1858            | St. Lawrence Univ. †                                               | Canton, N. Y.        | Universalist               | Rev. Almon Gunnison, D. D.        | 15                          | 150                        | 12,000                     |
| 1829            | St. Louis University.                                              | St. Louis, Mo.       | R. Catholic.               | Rev. W. B. Rogers, S. J.          | 32                          | 488                        | 40,000                     |
| 1869            | St. Mary's College.                                                | St. Mary's, Kan.     | R. Catholic.               | Rev. James McCabe, S. J.          | 30                          | 355                        | 15,000                     |
| 1821            | St. Mary's College.                                                | St. Mary's, Ky.      | R. Catholic.               | Rev. M. Jaglowicz, C. R.          | 10                          | 112                        | 4,000                      |
| 1874            | St. Olaf College.                                                  | Northfield, Minn.    | Lutheran                   | Rev. John N. Kihn, Ph. D.         | 17                          | 361                        | 8,500                      |
| 1862            | Stephen's College.                                                 | Annandale, N. Y.     | Prot. Epis.                | Rev. Lawrence T. Cole, Ph. D.     | 8                           | 40                         | 18,000                     |
| 1840            | St. Thomas College.                                                | Villanova, Pa.       | R. Catholic.               | L. A. Deltruy, O. S. A., A. M.    | 18                          | 215                        | 8,000                      |
| 1865            | St. Vincent's College.                                             | Los Angeles, Cal.    | R. Catholic.               | Rev. J. S. Glass, C. M., D. D.    | 17                          | 190                        | 3,750                      |
| 1841            | Swarthmore College.                                                | Swarthmore, Pa.      | Friends                    | Joseph Swain, M. S., LL. D.       | 25                          | 206                        | 21,000                     |
| 1870            | Syracuse University.                                               | Syracuse, N. Y.      | Meth. Epis.                | Rev. J. R. Day, LL. D. (Chan.)    | 169                         | 2,000                      | 57,574                     |
| 1857            | Tabor College.                                                     | Tabor, Iowa          | Congregat'l                | John Gordon, D. D.                | 15                          | 181                        | 12,000                     |
| 1867            | Talladega College (ci)                                             | Talladega, Ala.      | Congregat'l                | Rev. W. Andrews, A. B., M. A.     | 28                          | 534                        | 7,500                      |
| 1883            | Tarkio College. †                                                  | Tarkio, Mo.          | Un. Presb.                 | G. W. A. Thompson, D. D.          | 17                          | 249                        | 1,393                      |
| 1893            | Taylor University. †                                               | Upland, Ind.         | Meth. Epis.                | J. H. Shilling, A. M. (Ac. Pres.) | 14                          | 300                        | 3,500                      |
| 1858            | Teachers' College. †                                               | Manh' n Boro., N. Y. | Non-Sect.                  | Jas. E. Russell, Ph. D. (Dean)    | 120                         | 2,500                      | 20,000                     |
| 1873            | Texas Christian Un. †                                              | Waco, Tex.           | Disciples.                 | Ely V. Zollars, A. M., LL. D.     | 21                          | 300                        | 5,000                      |
| 1891            | Throop Poly. Inst. †                                               | Pasadena, Cal.       | Non-Sect.                  | Walter A. Edwards, A. M.          | 24                          | 325                        | 2,000                      |
| 1823            | Trinity College.                                                   | Hartford, Ct.        | Prot. Epis.                | Geo. W. Smith, D. D., LL. D.      | 25                          | 120                        | 43,000                     |
| 1900            | Trinity College.                                                   | Washington, D. C.    | R. Catholic.               | Sister Georgiana, S. N. D.        | 25                          | 71                         | 5,500                      |
| 1852            | Trinity College.                                                   | Durham, N. C.        | Meth. Ep. S.               | John C. Kilgo, D. D., A. M.       | 23                          | 200                        | 16,070                     |
| 1869            | Trinity University (q)                                             | Tehuacana, Tex.      | Cumb. Pres.                | Jesse Anderson, A. M.             | 11                          | 145                        | 1,500                      |
| 1852            | Tufts College.                                                     | Tufts Coll., Mass.   | Universalist.              | Elmer Hewitt Capen, D. D.         | 150                         | 1,950                      | 50,000                     |
| 1834            | Tulane University (u)                                              | New Orleans, La.     | Non-Sect.                  | Edwin A. Alderman, LL. D.         | 86                          | 1,223                      | 45,000                     |
| 1881            | Tuskegee Institute. †                                              | Tuskegee, Ala.       | Non-Sect.                  | Booker T. Washington, A. M.       | 112                         | 1,384                      | 7,500                      |
| 1859            | Union Christian Col. †                                             | Merom, Ind.          | Christian                  | Rev. L. J. Aldrich, A. M., D. D.  | 12                          | 219                        | 4,300                      |
| 1886            | Union College.                                                     | Barbourville, Ky.    | Meth. Epis.                | James P. Faulkner, A. M.          | 8                           | 224                        | 1,200                      |
| 1891            | Union College.                                                     | College View, Neb.   | Ad ventist.                | L. A. Hoopes.                     | 26                          | 310                        | 3,000                      |
| 1795            | Union College.                                                     | Schenectady, N. Y.   | Non-Sect.                  | Rev. A. V. V. Raymond, D. D.      | 20                          | 184                        | 37,325                     |
| 1836            | Union Theol. Sem. †                                                | Manh' n Boro., N. Y. | Presbyter' n               | Rev. Chas. Cutbert Hall.          | 17                          | 119                        | 77,275                     |
| 1831            | Univ. of Alabama. †                                                | Tuscaloosa, Ala. †   | Non-Sect.                  | John W. Abercrombie.              | 45                          | 396                        | 25,000                     |

| ORGAN-<br>IZED. | Colleges.—Table One.<br>For explanation of signs, see<br>page 312. | Location.                 | Denominational<br>Control. | President or Chairman of Faculty. | Insti-<br>tute<br>En-<br>rol-<br>l. | Stu-<br>dents* | Vol-<br>umes<br>in<br>Library |
|-----------------|--------------------------------------------------------------------|---------------------------|----------------------------|-----------------------------------|-------------------------------------|----------------|-------------------------------|
| 1871            | Univ. of Arizona                                                   | Tucson, Ariz.             | Non-Sect.                  | F. Y. Adams, B. A., A. M.         | 23                                  | 215            | 7,000                         |
| 1872            | Univ. of Arkansas                                                  | Fayetteville, Ark. (g)    | Non-Sect.                  | Henry S. Hartzog, LL.D.           | 70                                  | 1,089          | 8,500                         |
| 1888            | Univ. of California                                                | Berkeley, Cal.            | Non-Sect.                  | Benj. Ide Wheeler, LL.D.          | 431                                 | 3,057          | 101,000                       |
| 1891            | Univ. of Chicago                                                   | Chicago, Ill.             | Non-Sect. (g)              | Wm. R. Harper, Ph.D., D.D.        | 323                                 | 4,550          | 320,000                       |
| 1819            | Un. of Cincinnati (g)                                              | Cincinnati, O.            | Non-Sect.                  | Howard A.yers, LL.D.              | 150                                 | 1,287          | 150,000                       |
| 1877            | Univ. of Colorado                                                  | Boulder, Col.             | Non-Sect.                  | Jas. H. Baker, M. A., LL.D.       | 105                                 | 925            | 25,500                        |
| 1864            | Univ. of Denver                                                    | Univ. Park, Col.          | Meth. Epis.                | H. A. Buchtel, D. D., LL.D.       | 172                                 | 1,400          | 12,000                        |
| 1785            | Univ. of Georgia                                                   | Athens, Ga.               | Non-Sect.                  | Walter B. Hill, LL.D.             | 138                                 | 2,689          | 30,000                        |
| 1889            | Univ. of Idaho                                                     | Moscow, Idaho.            | Non-Sect.                  | James A. MacLean, Ph. D.          | 30                                  | 347            | 4,000                         |
| 1868            | Univ. of Illinois                                                  | Urbana, Ill. (p)          | Non-Sect.                  | Andrew S. Draper, LL.D.           | 312                                 | 3,300          | 60,000                        |
| 1864            | Univ. of Kansas                                                    | Lawrence, Kan.            | Non-Sect.                  | Frank Strong.                     | 81                                  | 1,350          | 42,000                        |
| 1865            | Univ. of Maine                                                     | Orono, Me.                | Non-Sect.                  | J. E. Fellows, Ph. D., LL.D.      | 54                                  | 450            | 21,669                        |
| 1837            | Univ. of Michigan                                                  | Ann Arbor, Mich.          | Non-Sect.                  | James B. Angell, LL.D.            | 247                                 | 3,900          | 165,000                       |
| 1868            | Univ. of Minnesota                                                 | Minneapolis, Minn.        | Non-Sect.                  | Cyrus Northrop, LL.D.             | 290                                 | 3,700          | 110,000                       |
| 1848            | Univ. of Mississippi                                               | Near Oxford, Miss.        | Non-Sect.                  | Robert B. Fulton, LL.D.           | 18                                  | 250            | 19,000                        |
| 1840            | Univ. of Missouri                                                  | Columbia, Mo. (u)         | Non-Sect.                  | Richard Henry Jesse, LL.D.        | 100                                 | 1,681          | 50,000                        |
| 1895            | Univ. of Montana                                                   | Missoula, Mont.           | Non-Sect.                  | Oscar J. Craig, A. M., Ph. D.     | 14                                  | 300            | 7,500                         |
| 1785            | Univ. of Nashville (g)                                             | Nashville, Tenn.          | Non-Sect.                  | W. H. Payne, LL.D., Ph. D.        | 67                                  | 1,370          | 15,000                        |
| 1869            | Univ. of Nebraska (g)                                              | Lincoln, Neb.             | Non-Sect.                  | E. Benj. Andrews, LL.D.           | 220                                 | 2,256          | 51,000                        |
| 1891            | Univ. of N. Mexico                                                 | Albuquerque, N. M.        | Non-Sect.                  | Wm. G. Tight, Ph. D.              | 12                                  | 100            | 5,000                         |
| .....           | Univ. of New York                                                  | See "New York University" |                            |                                   |                                     |                |                               |
| 1789            | Univ. of N. Carolina                                               | Chapel Hill, N. C.        | Non-Sect.                  | Francis P. Venable, Ph. D.        | 69                                  | 651            | 33,000                        |
| 1883            | Univ. of N. Dakota                                                 | Grand Forks, N. Dak.      | Non-Sect.                  | Webster Merrifield, M. A.         | 37                                  | 500            | 10,000                        |
| 1842            | Univ. of Notre Dame                                                | Notre Dame, Ind.          | R. Catholic.               | Rev. A. Morrissey, C. S. C.       | 60                                  | 850            | 55,000                        |
| 1892            | Univ. of Okla. t                                                   | Norman, Okla.             | Non-Sect.                  | David R. Boyd, A. M., Ph. D.      | 28                                  | 410            | 13,000                        |
| 1876            | Univ. of Oregon                                                    | Eugene, Ore.              | Non-Sect.                  | Prince L. Campbell, B. A.         | 71                                  | 470            | 15,500                        |
| 1852            | Univ. of the Pacific                                               | San Jose, Cal.            | Meth. Epis.                | Elli McClish, D. D., A. M.        | 17                                  | 225            | 5,910                         |
| 1740            | Univ. of Pennsylvania                                              | Philadelphia, Pa.         | Non-Sect.                  | Chas. C. Harrison, LL.D.          | 275                                 | 2,500          | 205,000                       |
| 1850            | Univ. of Rochester                                                 | Rochester, N. Y.          | Baptist                    | Rush Rhees, D. D., LL.D.          | 20                                  | 246            | 38,540                        |
| 1880            | Univ. of S. Cal. t                                                 | Los Angeles, Cal.         | Meth. Epis.                | Wm. T. Randall (Dean)             | 96                                  | 482            | 4,800                         |
| 1882            | Univ. of S. Dakota                                                 | Vermillion, S. Dak.       | Non-Sect.                  | Harrett Droppers, A. B.           | 30                                  | 45             | 8,000                         |
| 1868            | Univ. of the South                                                 | Sewanee, Tenn.            | Prot. Epis.                | B. L. Wiggins, M. A., LL.D.       | 62                                  | 550            | 44,000                        |
| 1794            | Univ. of Tennessee (c)                                             | Knoxville, Tenn.          | Non-Sect.                  | W. W. Dabney, Ph. D., LL.D.       | 80                                  | 618            | 17,300                        |
| 1853            | Univ. of Texas                                                     | Austin, Tex. (s)          | Non-Sect.                  | Wm. L. Prather, LL.D.             | 109                                 | 1,300          | 40,000                        |
| 1850            | Univ. of Utah (g)                                                  | Salt Lake City, U.        | Non-Sect.                  | J. T. Kingsbury, Ph. D., D. Sc.   | 28                                  | 643            | 20,000                        |
| 1791            | Univ. of Vermont                                                   | Burlington, Vt.           | Non-Sect.                  | Mat. H. Buckham, D. D.            | 64                                  | 570            | 64,212                        |
| 1825            | Univ. of Virginia                                                  | Charlottesville, Va.      | Non-Sect.                  | P. B. Barringer, M. D. (Ch. Fc)   | 57                                  | 800            | 48,500                        |
| 1861            | Univ. of Washington                                                | Seattle, Wash.            | Non-Sect.                  | Thos. F. Kane (Act. Pres.)        | 35                                  | 601            | 16,000                        |
| 1848            | Univ. of Wisconsin                                                 | Madison, Wis.             | Non-Sect.                  | Edw. A. Birge (Act. Pres.)        | 187                                 | 2,810          | 250,000                       |
| 1848            | Univ. of Wooster                                                   | Wooster, O.               | Presbyter' n               | Rev. Louis E. Holden, D. D.       | 32                                  | 410            | 23,000                        |
| 1896            | Univ. of Wyoming                                                   | Laramie, Wyo.             | Non-Sect.                  | Rev. Elmer E. Smiley, D. D.       | 17                                  | 200            | 15,250                        |
| 1857            | Upper Iowa Univ. t                                                 | Fayette, Iowa.            | Meth. Epis.                | T. J. Bassett, Ph. D.             | 24                                  | 376            | 8,000                         |
| 1850            | Urbana University                                                  | Urbana, O.                | Swedenbor.                 | Jno. H. Williams, B.S., A. M.     | 9                                   | 49             | 5,800                         |
| 1869            | Ursinus College                                                    | Collegeville, Pa.         | Sveinbor Ref.              | Rev. H. T. Spangler, D. D.        | 24                                  | 170            | 9,316                         |
| 1848            | U. S. Mil. Acad. (g)                                               | West Point, N. Y.         | Non-Sect.                  | Col. A. L. Mills, U. S. A. Supt.  | 71                                  | 454            | 45,000                        |
| 1805            | U. S. Naval Academy                                                | Annapolis, Md.            | Non-Sect.                  | Capt. W. H. Brownson, U. S. N.    | 69                                  | 390            | 43,000                        |
| 1890            | Utah Agri. College                                                 | Logan, Utah.              | Non-Sect.                  | Wm. J. Kerr, D. Sc.               | 47                                  | 600            | 10,500                        |
| 1872            | Vanderbilt Univ. t                                                 | Nashville, Tenn.          | Meth. Ep. s                | J. H. Kirkland, LL.D., D. C. L.   | 100                                 | 695            | 30,000                        |
| 1861            | Vassar College                                                     | Poughkeepsie, N. Y.       | Non-Sect.                  | James M. Taylor, D. D., LL.D.     | 75                                  | 857            | 40,000                        |
| 1806            | Vincennes Univ. t                                                  | Vincennes, Ind.           | Non-Sect.                  | James E. Manchester, D. Sc.       | 9                                   | 200            | 6,500                         |
| 1839            | Virginia Mil. Inst.                                                | Lexington, Va.            | Non-Sect.                  | Gen. Scott Shipp, LL.D.           | 19                                  | 275            | 12,238                        |
| 1871            | Virginia Poly. Inst.                                               | Blacksburg, Va.           | Non-Sect.                  | J. M. McBryde, Ph. D., LL.D.      | 40                                  | 472            | 3,000                         |
| 1832            | Washash College                                                    | Crawfordsville, Ind.      | Non-Sect.                  | Rev. Wm. P. Kane, D. D.           | 15                                  | 200            | 38,000                        |
| 1833            | Wake Forest College                                                | Wake Forest, N. C.        | Baptist                    | C. E. Taylor, D. D., LL.D.        | 17                                  | 305            | 15,500                        |
| 1867            | Walden University t                                                | Nashville, Tenn.          | Meth. Epis.                | Rev. Jay B. Hamilton, D. D.       | 32                                  | 793            | 2,508                         |
| 1865            | Washburn College                                                   | Topeka, Kan.              | Congregat' l               | Norman Plasm, M. A., B. D.        | 25                                  | 328            | 10,000                        |
| 1882            | Washington Ag. Col.                                                | Pullman, Wash.            | Non-Sect.                  | Enoch A. Bryan, A. M.             | 50                                  | 724            | 7,000                         |
| 1802            | Wash. & Jefferson Col.                                             | Washington, Pa.           | Presbyter' n               | Rev. Jas. D. Moffat, D. D.        | 24                                  | 370            | 16,000                        |
| 1749            | Wash. & Lee Univ.                                                  | Lexington, Va.            | Non-Sect.                  | Geo. H. Denny, Ph. D.             | 30                                  | 270            | 42,000                        |
| 1793            | Washington College                                                 | Chestertown, Md.          | Non-Sect.                  | C. W. Reid, Ph. D., A. M.         | 9                                   | 114            | 2,500                         |
| 1795            | Washington College                                                 | Wash' n Col., Tenn        | Presbyter' n               | Rev. Jas. T. Cooter, M. A.        | 11                                  | 150            | 3,000                         |
| 1853            | Washington Univ. t                                                 | St. Louis, Mo.            | Non-Sect.                  | W. S. Chaplin, LL.D., A. M.       | 199                                 | 2,055          | 8,000                         |
| 1851            | Waynesburg College                                                 | Waynesburg, Pa.           | Cumb. Pres.                | A. E. Turner, A. M.               | 14                                  | 374            | 6,535                         |
| 1875            | Wellesley College                                                  | Wellesley, Mass.          | Non-Sect.                  | Caroline Hazard, M. A., Lit. D.   | 86                                  | 884            | 52,400                        |
| 1868            | Wells College                                                      | Aurora, N. Y.             | Non-Sect.                  | J. W. Freley, M. S. (Act. Pres.)  | 32                                  | 115            | 9,950                         |
| 1831            | Wesleyan Univ. t                                                   | Middletown, Ct.           | Meth. Epis.                | B. P. Raymond, D. D., LL.D.       | 35                                  | 325            | 61,000                        |
| 1857            | Western College                                                    | Toledo, Iowa              | U. Brethren                | L. Bookwalter, A. M., D. D.       | 15                                  | 276            | 3,500                         |
| 1867            | West Maryland Col. t                                               | Westminster, Md.          | Meth. Prot.                | Rev. T. H. Lewis, D. D., A. M.    | 21                                  | 232            | 6,000                         |
| 1826            | West Reserve Univ. (c)                                             | Cleveland, O.             | Non-Sect.                  | Charles F. Thwing, D. D.          | 175                                 | 800            | 45,000                        |
| 1787            | West Univ. of Penn. t                                              | Pittsburgh, Pa. (m)       | Non-Sect.                  | J. A. Brashear (Act. Chan.)       | 116                                 | 892            | 20,000                        |
| 1865            | Westfield Col. t (g)                                               | Westfield, Ill.           | U. Brethren                | William S. Reese, D. D.           | 9                                   | 192            | 3,000                         |
| 1853            | Westminster College                                                | Fulton, Mo.               | Presbyter' n               | John H. MacCracken, Ph. D.        | 12                                  | 125            | 7,500                         |
| 1852            | Westminster Col. t                                                 | N. Wilmington, Pa.        | United Pres.               | Rev. R. G. Ferguson, D. D.        | 13                                  | 280            | 6,000                         |
| 1867            | W. Virginia Univ. t                                                | Morgant' n, W. Va.        | Non-Sect.                  | D. B. Purinton, Ph. D.            | 50                                  | 900            | 20,000                        |
| 1850            | Wheaton College                                                    | Wheaton, Ill.             | Congregat' l               | Charles A. Blanchard, D. D.       | 20                                  | 261            | 3,000                         |
| 1866            | Whitman College                                                    | Walla Walla, Wn.          | Congregat' l               | Rev. S. B. L. Penrose, D. D.      | 20                                  | 300            | 10,000                        |
| 1856            | Wilberforce Univ. t                                                | Wilberforce, O.           | Meth. Epis.                | Joshua H. Jones, A. M., D. D.     | 23                                  | 400            | 5,000                         |
| 1873            | Wiley University t                                                 | Marshall, Tex.            | Meth. Epis.                | Rev. M. W. Dogan, Ph. D.          | 18                                  | 502            | 4,250                         |
| 1843            | Willamette Univ. t                                                 | Salem, Ore.               | Meth. Epis.                | John H. Coleman, D. D.            | 49                                  | 398            | 5,189                         |
| 1698            | William & Mary Col.                                                | Williamsburg, Va.         | Non-Sect.                  | Lyon G. Tyler, M. A., LL. D.      | 13                                  | 185            | 10,000                        |
| 1849            | William Jewell Col.                                                | Liberty, Mo.              | Baptist.                   | John P. Greene, D. D., LL. D.     | 28                                  | 350            | 12,000                        |
| 1783            | Williams College                                                   | Williamst' n, Mass        | Non-Sect.                  | Henry Hopkins, D. D., LL. D.      | 31                                  | 413            | 48,000                        |

| Order of Colleges—Table One.<br>For explanation of signs, see page 312. | Location.          | Denominational Control. | President or Chairman of Faculty. | Faculty            |                |                               |
|-------------------------------------------------------------------------|--------------------|-------------------------|-----------------------------------|--------------------|----------------|-------------------------------|
|                                                                         |                    |                         |                                   | Historic<br>Tons.* | Stu-<br>dents* | Vol-<br>umes<br>in<br>Library |
| 1872 Wilmington College†                                                | Wilmington, O.     | Friends.                | James B. Unthank, M. Sc.          | 9                  | 127            | 3,000                         |
| 1870 Wilson College†                                                    | Chambersburg, Pa.  | Presbyter'n             | Rev. S. A. Martin, D. D.          | 31                 | 297            | 21,000                        |
| 1845 Wittenberg College†                                                | Springfield, O.    | Lutheran                | .....                             | 21                 | 515            | 13,500                        |
| 1854 Wofford College†                                                   | Spartanburg, S. C. | Meth. Ep. S.            | Henry N. Snyder, M. A.            | 11                 | 266            | 11,000                        |
| 1888 Woman's College†                                                   | Baltimore, Md.     | Meth. Epis.             | J. F. Goucher, D. D., LL. D.      | 30                 | 355            | 8,000                         |
| 1855 Worcester Poly. In. (q)                                            | Worcester, Mass.   | Non-Sect.               | T. C. Mendenhall, Ph. D., LL. D.  | 32                 | 275            | 7,000                         |
| 1701 Yale University (r)                                                | New Haven, Ct.     | Non-Sect.               | Arthur T. Hadley, LL. D.          | 307                | 2,785          | 351,000                       |
| 1882 Yankton College†                                                   | Yankton, S. Dak.   | Non-Sect.               | Rev. Henry K. Warren, M. A.       | 19                 | 289            | 7,500                         |
| 1850 York College†                                                      | York, Neb.         | U. Brethren.            | Wm. E. Schell, A. M., Ph. D.      | 13                 | 301            | 1,000                         |

TABLE TWO—COMMENCEMENT DAYS, GRADUATES, ETC.

| COLLEGES.<br>For explanation of signs, see page 312. | Com-<br>mencement<br>Day, 1903. | Gradu-<br>ates since<br>Organi-<br>zation.* | Alumni<br>Living.* | Earliest Graduate Living.        | Gradu-<br>ated. | Present Address.            |
|------------------------------------------------------|---------------------------------|---------------------------------------------|--------------------|----------------------------------|-----------------|-----------------------------|
|                                                      |                                 |                                             |                    |                                  |                 |                             |
| Adelphi College†                                     | June 16.                        | 100                                         | 98                 | .....                            | .....           | .....                       |
| Adrian College†                                      | June 25.                        | .....                                       | .....              | .....                            | .....           | .....                       |
| Alabama Poly. Inst.†                                 | June 10.                        | 566                                         | .....              | J. R. Dowdell.                   | 1867            | Montgomery, Ala.            |
| Albany Col. (Ore.)†                                  | June 24.                        | 195                                         | 185                | Kate W. Burkhart.                | 1873            | Portland, Ore.              |
| Albion College†                                      | June 18.                        | 850                                         | 550                | .....                            | .....           | .....                       |
| Albright College†                                    | June 15.                        | 291                                         | 276                | Mrs. L. German Hoffman.          | 1860            | Minot, Mass.                |
| Alfred University†                                   | June 25.                        | 777                                         | 547                | Rev. Hiram P. Burdick.           | 1844            | Hartsville, N. Y.           |
| Allegheny College†                                   | June 18.                        | 1,273                                       | .....              | William Reynolds.                | 1837            | Meadville, Pa.              |
| Alma College†                                        | June 18.                        | 190                                         | 187                | .....                            | .....           | .....                       |
| Am. Univ. Harriman                                   | May 20.                         | 260                                         | .....              | Gus. Neblett.                    | 1894            | Chattanooga, Tenn.          |
| Amherst College†                                     | June 24.                        | 4,941                                       | 2,982              | Rev. Erastus W. Thayer.          | 1831            | Springfield, Ill.           |
| Andover Theo. Sem.                                   | June 11.                        | 2,150                                       | 1,400              | Rev. Joseph W. Cross.            | 1835            | Lawrence, Mass.             |
| Arkansas College†                                    | June 10.                        | 142                                         | 130                | Class of '76, 4 graduates living | by              | last report.                |
| Armour Inst. Tech.                                   | June 19.                        | 130                                         | 127                | .....                            | .....           | .....                       |
| Atlanta University†                                  | May 28.                         | 429                                         | 379                | Class of '73, 4 graduates living | by              | last report.                |
| Auburn Theo. Sem.                                    | May 7.                          | 1,554                                       | 920                | Henry H. Northrup.               | 1831            | Flint, Mich.                |
| Augustana College†                                   | May 28.                         | 1,420                                       | 1,300              | Rev. S. G. Larson.               | 1861            | Mead, Neb.                  |
| Baker University†                                    | June 4.                         | 1,260                                       | 490                | See note "m," on page 312.       | .....           | .....                       |
| Baldwin University†                                  | June 11.                        | 700                                         | .....              | Dr. Thompson, Sr.                | 1850            | Columbia, Ohio.             |
| Barnard College†                                     | June 10.                        | 245                                         | 240                | .....                            | .....           | .....                       |
| Bates College†                                       | June 25.                        | 1,122                                       | 1,020              | J. H. Rand.                      | 1867            | Lewiston, Me.               |
| Baylor University†                                   | June 3.                         | 660                                         | .....              | .....                            | .....           | .....                       |
| Bellevue College†                                    | June 11.                        | 65                                          | 64                 | Rev. W. R. Williams.             | .....           | Alusworth, Iowa.            |
| Beloit College†                                      | June 19.                        | 796                                         | 649                | Rev. Joseph Collie, D. D.        | 1851            | Williams Bay, Wis.          |
| Berea College†                                       | June 9.                         | 113                                         | .....              | George L. Pigg.                  | 1873            | Anadarko, Ind. Ter.         |
| Bethany College†                                     | My 18, 20, 22                   | 486                                         | 475                | O. E. Hawklinson.                | 1884            | Marquette, Kan.             |
| Bethel College (Ky.)†                                | June 11.                        | 276                                         | 256                | Rev. C. P. Shields, A. M.        | 1857            | Russellville, Ky.           |
| Biddle University†                                   | June 5.                         | 604                                         | 500                | D. W. Culp, M. D.                | 1856            | Palatka, Fla.               |
| Blackburn College†                                   | June 10.                        | 250                                         | 220                | H. P. Carson, D. D.              | 1870            | Scotland, S. Dak.           |
| Boston University†                                   | June 3.                         | 5,009                                       | .....              | Rev. John B. Foote, D. D.        | 1850            | Syracuse, N. Y.             |
| Bowdoin College†                                     | June 25.                        | 4,539                                       | 2,645              | John Rand, A. M.                 | 1831            | Portland, Me.               |
| Brigham Young Col.†                                  | June 5.                         | 225                                         | 215                | .....                            | .....           | .....                       |
| Brown University†                                    | June 17.                        | 5,597                                       | 2,826              | See note "l," on page 312.       | .....           | .....                       |
| Bryn Mawr College†                                   | June 9.                         | 450                                         | 443                | .....                            | .....           | .....                       |
| Buchtel College†                                     | June 24.                        | 301                                         | .....              | Susie C. Cole.                   | 1873            | Akron, Ohio                 |
| Bucknell College†                                    | June 24.                        | 290                                         | .....              | Rev. J. M. Lyons.                | 1851            | Philadelphia, Pa.           |
| Burrill College†                                     | May 23.                         | 215                                         | 184                | F. M. Smith.                     | 1856            | McMinnville, Tenn.          |
| Butler College†                                      | June 10.                        | 400                                         | 375                | Mrs. Nancy E. Atkinson.          | 1856            | Wabash, Ind.                |
| Carleton College†                                    | June 17.                        | 600                                         | 394                | James J. Dow.                    | 1874            | Fairbault, Minn.            |
| Carson & Newman†                                     | May 29.                         | 300                                         | 275                | Richard Scruggs, M. D.           | 1855            | Sweetwater, Tenn.           |
| Carthage College†                                    | May 28.                         | 200                                         | 185                | Rev. J. M. Croner.               | 1875            | Kansas City, Mo.            |
| Case Sc. Ap. I. Science                              | June 11.                        | 210                                         | 235                | .....                            | .....           | .....                       |
| Catholic Un. Am. (C.)                                | June 10.                        | 350                                         | .....              | .....                            | .....           | .....                       |
| Cedarville College†                                  | June 11.                        | 41                                          | 41                 | C. C. Morton.                    | 1897            | Cedarville, Ohio.           |
| Central Col. (Mo.)†                                  | June 10.                        | 200                                         | 188                | E. R. Barton; O. M. Harrison.    | 1861            | Denver, Glasgow, Mo.        |
| Central Univ. (La.)†                                 | June 17.                        | 180                                         | .....              | H. F. Bousquet.                  | 1861            | Pella, Iowa.                |
| Central Univ. (Ky.)†                                 | June 10.                        | 4,000                                       | .....              | David L. Caldwell.               | 1832            | Independence, Mo.           |
| Chen. Wesleyan Col.†                                 | June 11.                        | 225                                         | 200                | Prof. J. H. Frick, A. M.         | 1870            | Warrenton, Mo.              |
| Charles City College†                                | June 12.                        | 154                                         | .....              | .....                            | .....           | .....                       |
| Christian Un. (Mo.)†                                 | June 4.                         | 550                                         | .....              | .....                            | .....           | .....                       |
| Claflin University†                                  | May 13.                         | 60                                          | 500                | Wm. L. Buckley, A. M., Ph. D.    | 1882            | Brooklyn, N. Y.             |
| Clark Univ. (Ga.)†                                   | May 20.                         | 221                                         | 199                | .....                            | .....           | .....                       |
| Clemson Agri. Col.†                                  | June 5-7.                       | 194                                         | .....              | L. A. Sease.                     | 1896            | Prosperity, S. C.           |
| Coe College†                                         | June 10.                        | 145                                         | 145                | S. W. Stookey; Mrs. C. McKee.    | 1884            | Marion, Ia.; S. Diego, Cal. |
| Colby College†                                       | July 1.                         | (q) 1,283 (q)                               | 1828               | Albert W. Paine.                 | 1832            | Bangor, Me.                 |
| Colgate University†                                  | June 18.                        | 2,000                                       | 1,200              | Adams Cleghorn, D. D.            | 1837            | Niagara Falls, N. Y.        |
| College of Charleston                                | June 23.                        | 457                                         | 220                | Sedgwick Simons.                 | 1842            | Summerville, S. C.          |
| College City of N. Y.†                               | June 18.                        | 2,332                                       | 2,051              | George W. Birdsall.              | 1852            | New York City, N. Y.        |
| Colorado College†                                    | June 10.                        | 132                                         | 131                | F. W. Tuckerman.                 | 1883            | Washington, D. C.           |
| Columbia University†                                 | June 10.                        | 18,413                                      | .....              | Charles Rhind.                   | 1837            | New York City, N. Y.        |
| Columbian Univ.†                                     | June 1, 2, 3.                   | 4,608                                       | .....              | Fred'k Perry Stanton.            | 1833            | Stanton, Fla.               |
| Concordia College†                                   | June 24.                        | 824                                         | .....              | Rev. F. J. Biltz.                | 1845            | Concordia, Mo.              |

| COLLEGES.—TABLE TWO.<br>For explanation of signs, see<br>page 312. | Com-<br>mencement<br>Day, 1903. | Gradu-<br>ates since<br>Organi-<br>zation.* | Alumni<br>Living.* | Earliest Graduate Living.          | Gradu-<br>ated. | Present Address.      |
|--------------------------------------------------------------------|---------------------------------|---------------------------------------------|--------------------|------------------------------------|-----------------|-----------------------|
| Converse College †                                                 | June 18.                        | 234                                         | 880                | Matthew Cavanagh.....              | 1858            | Iowa City, Iowa.      |
| Cornell College †                                                  | June 18.                        | 944                                         | 6,582              | Ellen B. Atwater.....              | 1891            | Chicago, Ill.         |
| Cornell University †                                               | June 18.                        | (x) 51                                      | (y) 48             | James C. Kinsler, LL. D. ....      | 1891            | Omaha, Neb.           |
| Cotner University †                                                | June 10.                        | 237                                         | .....              | Nathan Green.....                  | 1845            | Lebanon, Tenn.        |
| Creighton Univ. †                                                  | June 24.                        | 275                                         | .....              | Arthur Livermore.....              | 1829            | Manchester, Eng.      |
| Cumberland Univ. †                                                 | June 4.                         | 2,765                                       | .....              | Dr. Harvey H. Kimmons.....         | 1840            | Oxford, Miss.         |
| Dakota University †                                                | June 17.                        | 325                                         | 3,000              | .....                              | .....           | .....                 |
| Dartmouth College                                                  | June 24.                        | .....                                       | .....              | .....                              | .....           | .....                 |
| Davidson College                                                   | May 27.                         | 850                                         | .....              | .....                              | .....           | .....                 |
| Delaware College                                                   | June 27.                        | .....                                       | .....              | .....                              | .....           | .....                 |
| Delaware College                                                   | June 17.                        | 400                                         | .....              | .....                              | .....           | .....                 |
| Denison University †                                               | June 11.                        | 750                                         | .....              | .....                              | .....           | .....                 |
| DePauw University †                                                | June 10.                        | 2,351                                       | 1,887              | Rev. Thos. A. Goodwin.....         | 1840            | Indianapolis, Ind.    |
| Des Moines College †                                               | June 7-10                       | .....                                       | .....              | James M. Miller, A. B. ....        | 1875            | Roseland, B. C.       |
| Dickinson College †                                                | June 9.                         | .....                                       | .....              | Rev. John L. McKim.....            | 1830            | Georgetown, Del.      |
| Doane College                                                      | June 11.                        | 186                                         | 179                | Dan'l E. Tromble.....              | 1877            | Collinsville, Ct.     |
| Drake University †                                                 | June 11.                        | 2,000                                       | 938                | J. E. Denton.....                  | 1882            | De Soto, Iowa         |
| Drew Theol. Sem.                                                   | May 21.                         | 998                                         | 938                | Rev. Jas. B. Brady.....            | 1869            | Worcester, Mass.      |
| Drury College                                                      | June 11.                        | 214                                         | 205                | Mrs. Anna Conger.....              | 1875            | Colorado City, Col.   |
| Earlham College †                                                  | June 10.                        | 540                                         | 499                | Luzena Thornburg.....              | 1862            | Carthage, Ind.        |
| Elmira College                                                     | June 10.                        | 500                                         | .....              | .....                              | .....           | .....                 |
| Emory and H' y Col.                                                | June 7-9                        | 631                                         | .....              | William N. Harmon.....             | 1843            | Hollybrook, Va.       |
| Emory College                                                      | June —                          | 1,261                                       | .....              | Francis A. Hill.....               | 1842            | Americus, Ga.         |
| Emporia College †                                                  | June 4.                         | 134                                         | 124                | .....                              | .....           | .....                 |
| Eureka College                                                     | June —                          | 500                                         | 435                | Elijah W. Dickinson.....           | 1860            | Eureka, Ill.          |
| Fairmount College †                                                | June 3.                         | 132                                         | 127                | .....                              | .....           | .....                 |
| Findlay College                                                    | June 18                         | 64                                          | 61                 | Rev. John P. Shelley.....          | 1889            | Kane, Pa.             |
| Fisk University † (C.)                                             | June 17.                        | 465                                         | 409                | See note "p," on page 322.         | .....           | .....                 |
| Franklin & Marshall                                                | June 11.                        | 1,233                                       | 320                | E. V. Gerhart, D. D., LL. D.       | 1838            | Lancaster, Pa.        |
| Franklin Col. † (Ind.)                                             | June 18.                        | 346                                         | 320                | Rev. Timothy H. Ball.....          | 1850            | Crown Point, Ind.     |
| Furman University †                                                | June 11.                        | .....                                       | .....              | .....                              | .....           | .....                 |
| General Theol. Sem.                                                | May 27.                         | 1,536                                       | 971                | Rev. Samuel Cooke, D. D. ....      | 1838            | Stamford, Ct.         |
| Geneva College †                                                   | May 28.                         | .....                                       | .....              | Rev. J. S. T. Milligan.....        | 1850            | Pittsburgh Pa.        |
| Georgetown Univ.                                                   | June 18.                        | 4,099                                       | .....              | John T. Doyle.....                 | 1838            | Meno Park, Cal.       |
| Girard College                                                     | None                            | 5,131                                       | .....              | Theo. DeBow.....                   | 1855            | Philadelphia, Pa.     |
| Grant University †                                                 | (?)                             | 855                                         | .....              | Rev. Jno. J. Manker, D. D. ....    | 1871            | Knoxville, Tenn.      |
| Greensboro College †                                               | May 26-27                       | 948                                         | .....              | Mrs. L. A. Patrick (Crump)....     | 1848            | Danville, Va.         |
| Greer College                                                      | July 30.                        | 200                                         | 180                | .....                              | .....           | .....                 |
| Grove City College †                                               | June 17.                        | 750                                         | 700                | Samuel Dodds.....                  | 1881            | Grove City, Pa.       |
| Guilford College †                                                 | May 26.                         | 110                                         | 107                | Robert C. Root.....                | 1889            | Berkeley, Cal.        |
| Gustavus Adolphus †                                                | May 28.                         | 539                                         | .....              | Rev. L. P. Lundgren.....           | 1890            | Hallock, Minn.        |
| Hamilton College                                                   | June 25.                        | 2,645                                       | 1,900              | Austin Smith.....                  | 1826            | Westfield, N. Y.      |
| Hanline Univ. †                                                    | June 11.                        | 534                                         | .....              | .....                              | .....           | .....                 |
| Hampden-Sidney C.                                                  | June 10.                        | .....                                       | .....              | Robt. C. Anderson.....             | 1836            | Covington, Va.        |
| Hampton Inst. † (f.)                                               | .....                           | 1,140                                       | 933                | Class of '71, 10 graduates living  | .....           | last report.          |
| Hanover College †                                                  | June 10.                        | 848                                         | 874                | Rev. Thomas W. Hynes, D. D. ....   | 1836            | Greenville, Ill.      |
| Harvard University                                                 | June 24.                        | 25,180                                      | 14,662             | Rev. Joseph Warren Cross.....      | 1839            | Lawrence, Mass.       |
| Harvard College                                                    | June 12.                        | 742                                         | 658                | Richard Randolph, Jr.....          | 1839            | Philadelphia, Pa.     |
| Heidelberg Univ. †                                                 | June 18.                        | 574                                         | .....              | Rev. Geo. Z. Mechlun, A. M. ....   | 1854            | Hamilton, Ohio.       |
| Hendrix College                                                    | June 17.                        | 86                                          | 86                 | .....                              | .....           | .....                 |
| Henry College                                                      | June —                          | 60                                          | 59                 | L. M. Mills.....                   | 1894            | Campbell, Tex.        |
| Hillsdale College †                                                | June 18.                        | 1,004                                       | 865                | Mrs. Eliza Scott Potter.....       | 1856            | Grinnell, Iowa.       |
| Hiram College                                                      | June 25.                        | 507                                         | 477                | .....                              | .....           | .....                 |
| Hwassee College †                                                  | May 20.                         | 241                                         | .....              | Wm. Eakin.....                     | 1851            | Chattanooga, Tenn.    |
| Hobart College                                                     | June 17.                        | 1,448                                       | 780                | Chas. Collins, M. A. ....          | 1834            | Dayton, Ohio.         |
| Holy Cross College                                                 | June 25.                        | 830                                         | 719                | Rev. P. F. Healy; J. A. Lloyd....  | 1830            | New York; Boston.     |
| Howard College †                                                   | May 20-27                       | .....                                       | .....              | .....                              | .....           | .....                 |
| Howard Payne Col. †                                                | May 23.                         | 54                                          | 21                 | J. D. Robnett.....                 | 1895            | U. S. Navy Employé.   |
| Howard University †                                                | May 28-30                       | 3,000                                       | .....              | D. B. Nichols, D. D. ....          | 1870            | Mission Hill, S. Dak. |
| Illinois College                                                   | June 25.                        | 800                                         | 450                | Rev. Charles B. Barton.....        | 1836            | Jacksonville, Ill.    |
| Ill. Wesleyan Un. †                                                | June —                          | 1,150                                       | 854                | Rev. W. F. Short.....              | 1854            | Jacksonville, Ill.    |
| Indiana University †                                               | June 24.                        | 2,506                                       | 2,197              | Andrew Wylie.....                  | 1832            | Washington, D. C.     |
| Iowa College †                                                     | June 10.                        | 947                                         | 888                | Rev. J. H. Windsor.....            | 1854            | La Grange, Ill.       |
| Iowa State College †                                               | June 3.                         | 1,189                                       | 1,104              | E. W. Stanton, B. Sc., M. Sc. .... | 1872            | Ames, Iowa.           |
| Iowa Wesley. Univ. †                                               | June 11.                        | 700                                         | 600                | W. S. Mayne.....                   | 1856            | Council Bluffs, Iowa. |
| Jacob Tome Inst. †                                                 | June 9.                         | 77                                          | 77                 | Hugh W. Caldwell.....              | 1898            | Chesapeake City, Md   |
| John B. Steison U. †                                               | May 26.                         | 182                                         | 180                | Harlan P. De Land.....             | 1886            | Fairport, N. Y.       |
| Johns Hopkins Un. (g)                                              | June 9.                         | 1,422                                       | 1,366              | Class of '78, 3 graduates living   | .....           | by last report.       |
| Kalamazoo College                                                  | June —                          | 305                                         | .....              | B. Slater; J. L. McCloud.....      | 1855            | Gd. Rapids; Detroit.  |
| Kansas Wesl. Univ. †                                               | June 4.                         | 2,000                                       | .....              | .....                              | .....           | .....                 |
| Kentucky Univ. †                                                   | June 12.                        | 7,000                                       | .....              | .....                              | .....           | .....                 |
| Kent'y Wesl'n Col. †                                               | May 27.                         | 327                                         | .....              | J. W. Bryan.....                   | 1870            | Covington, Ky.        |
| Kenyon College                                                     | June 24.                        | 1,000                                       | 600                | Francis B. Meade.....              | 1834            | Millwood, Va.         |
| Knox College                                                       | June 11.                        | 1,370                                       | 1,194              | See note "u," on page 312.         | .....           | .....                 |
| Lafayette Col. (Pa.)                                               | June —                          | 1,879                                       | 1,570              | Geo. W. Kidd, A. M. ....           | 1836            | Houston, Tex.         |
| Lake College †                                                     | June 4.                         | 250                                         | 236                | Rev. E. H. Sawyer.....             | 1870            | Kirkwood, Mo.         |
| Lake Forest Univ. †                                                | June 17.                        | 296                                         | 281                | Rev. B. Fay Mills.....             | 1879            | Oakland, Cal.         |
| Lane Theol. Sem.                                                   | May 14.                         | 642                                         | .....              | .....                              | .....           | .....                 |
| La Salle College                                                   | June 17.                        | .....                                       | .....              | Wm. F. Harrity.....                | 1868            | Overbrook, Pa.        |
| Lawrence Univ. †                                                   | June 25.                        | 532                                         | .....              | Henry Colman, D. D. ....           | 1858            | Milwaukee, Wis.       |
| Lebanon Valley Col. †                                              | June 18.                        | 371                                         | 355                | Albert C. Rigler.....              | 1870            | Annville, Pa.         |

304 *Universities and Colleges of the United States.—Continued.*

| COLLEGES—TABLE TWO.<br>Forexplanation of signs, see<br>page 312. | Com-<br>mencement<br>Day, 1903. | Gradu-<br>ates since<br>Organ-<br>ization.* | Alumni<br>Living* | Earliest Graduate Living.                               | Gradu-<br>ated. | Present Address.      |
|------------------------------------------------------------------|---------------------------------|---------------------------------------------|-------------------|---------------------------------------------------------|-----------------|-----------------------|
| Lehigh University.....                                           | June 17.....                    | 1,246                                       | 1,175             | Chas. E. Ronaldson, M. E.....                           | 1869            | Philadelphia, Pa.     |
| Leland Stanford, Jr.†                                            | May 27.....                     | .....                                       | .....             | .....                                                   | .....           | .....                 |
| Lenox College†.....                                              | June 11.....                    | 400                                         | 350               | Ralph H. Kirk.....                                      | 1865            | Cedar Rapids, Iowa.   |
| Lima College†.....                                               | June 17.....                    | 50                                          | 50                | Class of '96, all graduates liv-<br>ing by last report. | .....           | .....                 |
| Lincoln Col.†(Ill.).....                                         | June 10.....                    | 311                                         | 286               | See note 'e,' on page 312.                              | .....           | .....                 |
| Livingstone Col.†.....                                           | May 27.....                     | 258                                         | .....             | John A. D. Bloice, A. M., D. D.....                     | 1887            | Cambridge, Mass.      |
| Lombard College†.....                                            | June 4.....                     | 393                                         | 351               | Wm. R. Cole, A. M.....                                  | 1856            | Mount Pleasant, Iowa. |
| Louisiana State Un.....                                          | June 3.....                     | 287                                         | 254               | T. L. Grimes.....                                       | 1839            | Poland, La.           |
| Manhattan College.....                                           | June —.....                     | 965                                         | 865               | Rev. J. P. McClancy.....                                | 1866            | Middletown, N. Y.     |
| Marietta College.....                                            | June 10.....                    | 843                                         | 630               | Dr. John T. Cotton.....                                 | 1838            | Charleston, W. Va.    |
| Maryville College.....                                           | May 27.....                     | 400                                         | .....             | James Gillespie.....                                    | 1840            | Knoxville, Tenn.      |
| Mass. Agril. College†                                            | June 17.....                    | 587                                         | 553               | .....                                                   | .....           | .....                 |
| Mass. Inst. Tech.†.....                                          | June —.....                     | 2,320                                       | 2,220             | Class of '68, 12 graduates living                       | by              | last report.          |
| McCormick The.Sem                                                | May 7.....                      | 1,623                                       | 1,200             | Rev. Joseph G. Monfort.....                             | 1837            | Cincinnati, Ohio.     |
| McKendree College.....                                           | June 11.....                    | 985                                         | .....             | Johnson Pierson.....                                    | 1841            | Chicago, Ill.         |
| McMinville Col.†.....                                            | June 24.....                    | 130                                         | 120               | John H. Smith.....                                      | 1884            | Astoria, Ore.         |
| Mercer University.....                                           | June 11.....                    | 1,000                                       | 660               | A. R. Wellborn.....                                     | 1841            | Atlanta, Ga.          |
| Miami University.....                                            | June 11.....                    | .....                                       | .....             | Rev. J. G. Monfort, D. D.....                           | 1834            | Cincinnati, Ohio.     |
| Mich. Agril. College†                                            | June 19.....                    | 910                                         | 790               | .....                                                   | .....           | .....                 |
| Middlebury College.....                                          | June 24.....                    | 1,576                                       | .....             | Dr. Wm. M. Bass.....                                    | 1832            | Neponset, Mass.       |
| Midland College.....                                             | June 11.....                    | 75                                          | 71                | Le Roy H. Kelsey, B. S.....                             | 1891            | St. Joseph, Mo.       |
| Miligan College.....                                             | May 21.....                     | 134                                         | 131               | James H. Smith.....                                     | 1882            | Butler, Tenn.         |
| Mills College.....                                               | May —.....                      | 559                                         | 521               | Mrs. M. E. Carpenter Vincent.....                       | 1866            | New York City, N. Y.  |
| Millsaps College.....                                            | June 9.....                     | 146                                         | 134               | F. M. Austin.....                                       | 1895            | Edna, Tex.            |
| Milton College.....                                              | June 25.....                    | 302                                         | 250               | Albert Salisbury.....                                   | 1870            | Whitewater, Wis.      |
| Miss. Ag. & Mech. Col.†                                          | June 3.....                     | 325                                         | 283               | H. H. Harrington.....                                   | 1883            | College Station, Tex. |
| Missouri Valley Col.†                                            | May 22.....                     | 380                                         | .....             | May Caldwell (Mrs. C. J. Orr)                           | 1890            | St. Louis, Mo.        |
| Monmouth College.....                                            | June 10.....                    | 1,159                                       | 1,017             | Mrs. M. F. Thompson.....                                | 1858            | Monmouth, Ill.        |
| Morris's Hill College.....                                       | June 18.....                    | 300                                         | 270               | Mrs. Jane Kahler.....                                   | 1858            | San Fernando, Cal.    |
| Morningside College.....                                         | June 18.....                    | .....                                       | .....             | .....                                                   | .....           | .....                 |
| Morris Brown Col.†                                               | June 3.....                     | 65                                          | 64                | Laurean C. Simmons.....                                 | 1890            | New York City, N. Y.  |
| Mt. Angel College.....                                           | June 23.....                    | .....                                       | .....             | .....                                                   | .....           | .....                 |
| Mt. Holyoke Col.†.....                                           | June 24.....                    | 3,598                                       | .....             | Mrs. George C. Curtis.....                              | 1838            | Rochester, N. Y.      |
| Mt. St. Mary's Col.....                                          | June 23.....                    | .....                                       | .....             | Most Rev. Wm. H. Elder.....                             | 1837            | Cincinnati, Ohio.     |
| Mt. Union College.....                                           | June 18.....                    | 2,477                                       | .....             | See note 'n,' on page 312.                              | .....           | .....                 |
| Muhlenberg College.....                                          | June 18.....                    | 531                                         | 494               | Wm. F. Muhlenberg, M. D.....                            | 1868            | Reading, Pa.          |
| Muskingum College.....                                           | June 18.....                    | 484                                         | 418               | Rev. James N. Buchanan.....                             | 1848            | Hebron, Ind.          |
| Neb. Wesleyan Univ.....                                          | June 10.....                    | .....                                       | 232               | Mrs. May Bliss.....                                     | 1890            | Saginaw, Mich.        |
| Nevada State Univ.†                                              | June —.....                     | .....                                       | .....             | .....                                                   | .....           | .....                 |
| Newberry College.....                                            | June 10.....                    | 260                                         | 247               | Jas. E. Houseal.....                                    | 1869            | Cedartown, Ga.        |
| New Orleans Univ.†                                               | May —.....                      | .....                                       | .....             | .....                                                   | .....           | .....                 |
| Newton Theol. Inst.....                                          | June 11.....                    | 1,450                                       | 930               | Rev. Wm. Howe, D. D.....                                | 1836            | Cambridge, Mass.      |
| New York Univ.....                                               | June 3-4.....                   | 17,537                                      | .....             | Robert C. Mills.....                                    | 1837            | Newtown Centre, Mass. |
| Niagara University.....                                          | June 23.....                    | 600                                         | .....             | Rev. Edward J. McCarty.....                             | 1870            | Brooklyn, N. Y.       |
| Northwestern Col.†                                               | June 18.....                    | 527                                         | 495               | Frank Dreisbach.....                                    | 1866            | Circleville, Ohio.    |
| North'w'n Un.†(Ill.)                                             | June 18.....                    | 8,636                                       | 8,100             | Henry M. Kidder.....                                    | 1859            | Evanston, Ill.        |
| North'w'n Un.†(Wis.)                                             | June —.....                     | 212                                         | 200               | Rev. Fr. Pieper.....                                    | 1872            | St. Louis, Mo.        |
| Norwegian Luth. Col.                                             | June 17.....                    | 380                                         | 348               | R. B. Anderson.....                                     | 1866            | Madison, Wis.         |
| Oberlin College.....                                             | June 24.....                    | 3,834                                       | 3,050             | Rev. Elisha B. Sherwood, D. D.....                      | 1836            | St. Joseph, Mo.       |
| Ohio State Univ.†                                                | June 24.....                    | 1,333                                       | 1,316             | Class of '78, 5 graduates living                        | by              | last report.          |
| Ohio University.....                                             | June 18.....                    | 550                                         | .....             | .....                                                   | .....           | .....                 |
| Ohio Wesleyan Un.†                                               | June 18.....                    | 25,000                                      | .....             | Rev. W. D. Godman, D. D.....                            | 1846            | Winsted, La.          |
| Oregon Agril. Col.†.....                                         | June 17.....                    | 428                                         | 412               | James K. P. Currin.....                                 | 1870            | Cottage Grove, Ore.   |
| Ottawa University†.....                                          | June 10.....                    | 210                                         | 200               | Alice Boomer, Jen. Sherman.....                         | 1888            | Fairview/Ottawa Kan.  |
| Otterbein Univ.†.....                                            | June 17.....                    | 581                                         | .....             | Kate Winter Hanby.....                                  | 1857            | Los Angeles, Cal.     |
| Ouachita Bapt. Col.†                                             | June 5.....                     | 202                                         | .....             | Rev. Frank P. Turner, A. B.....                         | 1888            | Taskio, Mo.           |
| Pacific University†.....                                         | June 17.....                    | .....                                       | .....             | Harvey W. Scott.....                                    | 1863            | Portland, Ore.        |
| Park College.....                                                | June 25.....                    | 449                                         | 428               | Rev. W. T. Scott.....                                   | 1879            | Cleone, Ore.          |
| Parsons College.....                                             | June 4.....                     | 312                                         | 270               | Class of '80, 12 graduates living                       | by              | last report.          |
| Peabody Teach. Col.†                                             | May 27.....                     | 2,080                                       | .....             | .....                                                   | .....           | .....                 |
| Penn College.....                                                | June 17.....                    | 300                                         | 293               | Linda Ninde (Dorland).....                              | 1875            | Los Angeles, Cal.     |
| Pennsylvania Col.†.....                                          | June 10.....                    | 1,225                                       | .....             | Rev. W. F. Eyster, D. D.....                            | 1839            | Crete, Neb.           |
| Penn. Col. for Women                                             | June 8.....                     | 220                                         | .....             | .....                                                   | .....           | .....                 |
| Penn. Military Col.....                                          | June 17.....                    | 435                                         | 350               | R. K. Carter.....                                       | 1867            | Baltimore, Md.        |
| Penn. State Col.†.....                                           | June 17.....                    | 579                                         | 558               | Class of '61, 7 graduates living                        | by              | last report.          |
| Phillander Smith Col†                                            | May 23.....                     | 95                                          | 90                | Rufus C. Childress.....                                 | 1888            | Little Rock, Ark.     |
| Polytechnic Inst.....                                            | June 17.....                    | .....                                       | .....             | .....                                                   | .....           | .....                 |
| Pomona College.....                                              | June 24.....                    | 100                                         | .....             | .....                                                   | .....           | .....                 |
| Pratt Institute.....                                             | June 18.....                    | 2,461                                       | .....             | .....                                                   | .....           | .....                 |
| Princet'n Theol. Sem                                             | May 5.....                      | 5,077                                       | 2,895             | Rev. Robert Street.....                                 | 1835            | Roselle, N. J.        |
| Princeton University                                             | June 10.....                    | 8,733                                       | 5,023             | James C. Hepburn, M. D.....                             | 1832            | East Orange, N. J.    |
| Purdue University†.....                                          | June 10.....                    | 1,659                                       | 1,400             | John Bradford Harper.....                               | 1875            | Durango, Cal.         |
| Racine College.....                                              | June —.....                     | 600                                         | 500               | .....                                                   | .....           | .....                 |
| Radcliffe College.....                                           | June 23.....                    | 494                                         | 491               | Mrs. W. R. Clarke (nee Barber)                          | 1883            | Dover, N. H.          |
| Randolph-Macon C.<br>*(Woman's)                                  | June 9.....                     | 42                                          | 41                | See note 'v,' on page 312.                              | .....           | .....                 |
| Rensselaer Poly. Ins.                                            | June 17.....                    | 1,301                                       | 907               | David C. Smith.....                                     | 1833            | Schenectady, N. Y.    |
| Richmond Col. (Va.).....                                         | June 18.....                    | .....                                       | .....             | Rev. P. S. Henson.....                                  | 1849            | Brooklyn, N. Y.       |
| Rio Grande College.....                                          | June 11.....                    | 59                                          | 57                | Rev. Thomas D. Davis, A. M.....                         | 1883            | Tecumseh, Neb.        |
| Ripon College.....                                               | June 30-24                      | 270                                         | 218               | Luthera H. Adams.....                                   | 1867            | Omro, Wis.            |
| Roanoke College.....                                             | June 11.....                    | 510                                         | 450               | Thomas E. Kizer, A. M.....                              | 1855            | Richmond, Va.         |



| COLLEGES—TABLE TWO.<br>For explanation of signs, see<br>page 312. | Com-<br>mencement<br>Day, 1903. | Gradu-<br>ates since<br>Organi-<br>zation.* | Alumni<br>Living.* | Earliest Graduate Living.        | Gradu-<br>ated. | Present Address.        |
|-------------------------------------------------------------------|---------------------------------|---------------------------------------------|--------------------|----------------------------------|-----------------|-------------------------|
| Rock Hill College.....                                            | June 20.....                    | 144                                         | .....              | Thomas A. Whelan.....            | 1872            | Baltimore, Md.          |
| Roger Williams U.††                                               | May 20.....                     | 464                                         | 436                | .....                            | .....           | .....                   |
| Rose Poly. Institute.....                                         | June 11.....                    | 329                                         | 320                | See note "w" on page 312.        | .....           | .....                   |
| Rutgers College.....                                              | June 17.....                    | 2,085                                       | 1,214              | Rev. John F. Mesick.....         | 1834            | York, Pa.               |
| Scio College.....                                                 | Aug. 13.....                    | 1,250                                       | .....              | .....                            | .....           | .....                   |
| Scotia Seminary †§                                                | June 10.....                    | 546                                         | .....              | .....                            | .....           | .....                   |
| Seton Hall College.....                                           | June 17.....                    | 497                                         | 271                | John D. Kernan.....              | 1865            | Utica, N. Y.            |
| Shaw University †§                                                | Ap. 9 My. 7                     | 431                                         | 408                | Rev. Caesar Johnson.....         | 1878            | Raleigh, N. C.          |
| Simmons College.....                                              | June 10.....                    | .....                                       | .....              | .....                            | .....           | .....                   |
| Simpson College.....                                              | June 11.....                    | 300                                         | 283                | Louise Anderson Burke.....       | 1870            | Newkirk, Okla. Ter.     |
| Smith College.....                                                | June 23.....                    | 2,320                                       | .....              | .....                            | .....           | .....                   |
| South Carolina Univ. †                                            | June 10.....                    | 2,325                                       | .....              | Thomas J. Seibels.....           | 1834            | Georgia.                |
| Southern Univ. †                                                  | June 10.....                    | 381                                         | 339                | J. V. Glass and B. M. Huey       | 1860            | Birmingham; Marion.     |
| Southwest Kan. Col.                                               | June 3.....                     | 225                                         | 200                | .....                            | .....           | .....                   |
| Southw'n Bapt. Un. †                                              | June 4.....                     | 506                                         | .....              | .....                            | .....           | .....                   |
| Southw'n Pres. Un.                                                | June 10.....                    | 411                                         | .....              | J. W. Ross.....                  | 1858            | Clarksville, Tenn.      |
| State College of Ky.                                              | June 5.....                     | 295                                         | 286                | W. B. Munson.....                | 1869            | Denison, Tex.           |
| State Univ. of Iowa†                                              | June 17.....                    | 6,130                                       | .....              | Mrs. Nettie Hart.....            | 1863            | Iowa City, Iowa.        |
| Stevens Inst. Tech.                                               | June 18.....                    | 987                                         | 936                | J. Augustus Henderson.....       | 1871            | State College, Pa.      |
| St. Francis Xavier C.                                             | June 22.....                    | 856                                         | 707                | T. M. Killeen; J. W. O'Brien     | 1865            | Pt. Richmond; Bklyn.    |
| St. John's Col. (D. C.)                                           | June 20.....                    | .....                                       | .....              | Joseph H. P. Benson, D. D. S.    | 1872            | Washington, D. C.       |
| St. John's Col. (Md.)                                             | June 17.....                    | 628                                         | 450                | Edward Paunell.....              | 1830            | Harford, Md.            |
| St. John's Col. (N. Y.)                                           | June 17.....                    | 777                                         | 638                | Andrew J. Smith.....             | 1847            | Nyack, N. Y.            |
| St. John's Un. (Minn)                                             | June 21.....                    | .....                                       | .....              | Boniface Moll, A. M.....         | 1870            | St. Paul, Minn.         |
| St. Lawrence Univ. †                                              | June 26.....                    | 1,100                                       | .....              | .....                            | .....           | .....                   |
| St. Louis University.                                             | June 22.....                    | 1,121                                       | 686                | Rev. F. P. Garesche.....         | 1843            | Cincinnati, Ohio.       |
| St. Mary's Col. (Kan.)                                            | June 17.....                    | 335                                         | .....              | Rev. R. Dunne.....               | 1882            | Chicago, Ill.           |
| St. Mary's Col. (Ky.)                                             | June 16.....                    | .....                                       | .....              | Samuel Spalding.....             | 1828            | Lebanon, Ky.            |
| St. Olaf College.....                                             | June 19.....                    | 88                                          | 86                 | C. J. Rollefson.....             | 1890            | Grand Forks, N. Dak.    |
| St. Stephen's College                                             | June 18.....                    | 37                                          | 291                | Rev. Joseph Carey, D. D.....     | 1861            | Saratoga Springs, N. Y. |
| St. Thomas Villanova                                              | June 20.....                    | .....                                       | .....              | J. H. Magee.....                 | 1848            | Bala, Pa.               |
| St. Vincent's College                                             | June 22.....                    | 135                                         | .....              | Isidore B. Dockweller, A. M      | 1887            | Los Angeles, Cal.       |
| Swarthmore College                                                | June 9.....                     | 633                                         | 602                | .....                            | .....           | .....                   |
| Syracuse University†                                              | June 10.....                    | 2,702                                       | 2,475              | R. C. Welch.....                 | 1852            | Albion, Mich.           |
| Tabor College.....                                                | June 17.....                    | 190                                         | 182                | .....                            | .....           | .....                   |
| Talladega College†(d)                                             | June 9.....                     | 203                                         | 183                | .....                            | .....           | .....                   |
| Tarkio College.....                                               | June 18.....                    | 185                                         | 182                | W. R. Littell.....               | 1887            | Tarkio, Mo.             |
| Teachers' College†                                                | June 5-10.                      | 1,000                                       | .....              | .....                            | .....           | .....                   |
| Texas Christ. Univ. †                                             | June 10.....                    | 200                                         | 193                | Ed. Milwee.....                  | 1876            | Willow Vale, Okla. Ter. |
| Throop Poly. Inst. †                                              | June 11.....                    | 160                                         | 158                | Class of '95, all graduates liv  | by              | last report.            |
| Trinity College (Ct.)                                             | June 24.....                    | 1,341                                       | 840                | Dr. G. W. Russell.....           | 1834            | Hartford, Ct.           |
| Trinity Col. † (D. C.)                                            | June 8.....                     | 518                                         | .....              | .....                            | .....           | .....                   |
| Trinity Col. † (N. C.)                                            | June 10.....                    | 1,850                                       | 1,750              | Col. J. W. Alspangh.....         | 1856            | Winston, N. C.          |
| Tufts College.....                                                | June 17.....                    | 1,850                                       | .....              | Rev. Henry Blanchard.....        | 1859            | Portland, Me.           |
| Tulane University.....                                            | May 25.....                     | 5,432                                       | .....              | .....                            | .....           | .....                   |
| Tuskegee Institute.....                                           | May 28.....                     | 598                                         | .....              | Class of '89, 9 graduates living | by              | last report.            |
| Union Christ'n Col. †                                             | June 10.....                    | 320                                         | 273                | J. J. Summerbell, D. D.....      | 1864            | Dayton, Ohio.           |
| Union College (Neb.)                                              | May 25.....                     | 174                                         | .....              | Robert H. Biron.....             | 1894            | Minneapolis, Minn.      |
| Union College (N. Y.)                                             | June 10.....                    | 5,165                                       | 3,565              | John L. Kanouse.....             | 1822            | Boonton, N. J.          |
| Union Theol. Sem.....                                             | May 19.....                     | 3,135                                       | 2,140              | See note "t," on page 312.       | .....           | .....                   |
| Univ. of Alabama.....                                             | June 3.....                     | 1,806                                       | .....              | James C. Foster.....             | 1838            | Tuscaloosa, Ala.        |
| Univ. of Arizona.....                                             | June 4.....                     | 28                                          | 27                 | Class of '95, 3 graduates living | by              | last report.            |
| Univ. of Arkansas†                                                | June 18.....                    | 296                                         | 270                | Class of '75, 8 graduates living | by              | last report.            |
| Univ. of California †                                             | May 13.....                     | 4,899                                       | 4,653              | Class of '64, 3 graduates living | by              | last report.            |
| Univ. of Chicago.....                                             | (b)                             | 1,942                                       | 1,900              | Class of '93, all graduates liv  | ing             | by last report.         |
| Univ. of Cincinnati.....                                          | June —.....                     | (y) 552                                     | .....              | Rev. F. G. McFarland.....        | 1877            | Cincinnati, Ohio.       |
| Univ. of Colorado†                                                | June 4.....                     | 904                                         | 859                | Richard H. Whiteley, M. A.....   | 1882            | Boulder, Col.           |
| Univ. of Denver†.....                                             | June 17.....                    | 877                                         | 850                | P. V. Carlin, M. D.....          | 1882            | Denver, Col.            |
| Univ. of Georgia.....                                             | June 18.....                    | 2,536                                       | .....              | Rev. A. H. Mitchell, D. D.....   | 1828            | Summerville, Ala.       |
| Univ. of Idaho†.....                                              | June 10.....                    | 69                                          | 68                 | .....                            | .....           | .....                   |
| Univ. of Illinois†.....                                           | June 10.....                    | 2,637                                       | 2,600              | James N. Matthews, M. D.....     | 1872            | Mason, Ill.             |
| Univ. of Kansas.....                                              | June 10.....                    | 2,114                                       | 1,800              | Mrs. Osgood Coleman.....         | 1872            | Lawrence, Kan.          |
| Univ. of Maine.....                                               | June 10.....                    | 793                                         | 747                | Benjamin F. Gould.....           | 1873            | Hollister, Cal.         |
| Univ. of Michigan.....                                            | June 18.....                    | 18,726                                      | 16,500             | Edmund Fish.....                 | 1845            | Hillsboro, Ill.         |
| Univ. of Minnesota†                                               | June 4.....                     | 3,802                                       | 3,682              | See note "i," on page 312.       | .....           | .....                   |
| Univ. of Mississippi.                                             | June 10.....                    | 1,500                                       | 1,200              | Thomas Elliott Bugg.....         | 1861            | Starke, Fla.            |
| Univ. of Missouri†                                                | June 3.....                     | .....                                       | .....              | .....                            | .....           | .....                   |
| Univ. of Montana.....                                             | June 10.....                    | 41                                          | 41                 | Mrs. Ella R. Glenny.....         | 1898            | Missoula, Mont.         |
| Univ. of Nebraskat.....                                           | June —.....                     | 1,642                                       | .....              | Jas. S. Dales; Wm. H. Snel.....  | 1873            | Lincoln, Neb.; Tacoma   |
| Univ. of N. Carolina.                                             | June 3.....                     | 2,508                                       | .....              | .....                            | .....           | .....                   |
| Univ. of N. Dakotat.....                                          | June 18.....                    | 204                                         | 200                | .....                            | .....           | .....                   |
| Univ. of Notre Dame.                                              | June 17.....                    | .....                                       | .....              | Rev. E. B. Kilroy.....           | 1849            | Stratford, Ont.         |
| Univ. of Oklahoma †                                               | June 5.....                     | 66                                          | 21                 | C. R. Hume; R. P. Stoops.....    | 1898            | Lawrence, Ks; Chicago.  |
| Univ. of Oregon.....                                              | June 18.....                    | 800                                         | .....              | .....                            | .....           | .....                   |
| Un. of Pennsylvania†                                              | June 17.....                    | 20,839                                      | .....              | Oliver Hopkinson, A. M.....      | 1832            | Philadelphia, Pa.       |
| Univ. of Rochester.....                                           | June 17.....                    | 1,398                                       | 1,100              | Samuel W. Stanley.....           | 1851            | Rockford, Ill.          |
| Univ. of S. California†                                           | June 11.....                    | .....                                       | .....              | .....                            | .....           | .....                   |
| Univ. of S. Dakotat.....                                          | June 17.....                    | 241                                         | 236                | Clarence B. Antlidel.....        | 1888            | Congo Free State.       |
| Univ. of Tennessee†                                               | June 16.....                    | .....                                       | .....              | S. S. Massengill.....            | 1839            | Tampico, Tenn.          |
| Univ. of Texas.....                                               | June 10.....                    | 1,400                                       | 1,375              | Samuel Clark Red, B. A., M. D.   | 1885            | Houston, Tex.           |
| Univ. of the Pacific.                                             | May 21.....                     | 500                                         | .....              | .....                            | .....           | .....                   |
| Univ. of the South.....                                           | June 25.....                    | 433                                         | 407                | J. J. Hanna, C. E.....           | 1873            | New Orleans, La.        |
| Univ. of Utah†.....                                               | June —.....                     | .....                                       | .....              | William Bradford.....            | 1876            | Salt Lake City, Utah.   |
| Univ. of Vermont.....                                             | June 24.....                    | 3,938                                       | .....              | Geo. H. Peck.....                | 1819            | El Monte, Cal.          |

306 *Universities and Colleges of the United States.—Continued.*

| COLLEGES—TABLE TWO.<br>For explanation of signs, see<br>page 312. | Com-<br>mencement<br>Day, 1903. | Grad-<br>uates since<br>Organ-<br>ization.* | Alumni<br>Living.* | Earliest Graduate Living.                               | Grad-<br>uated. | Present Address.       |
|-------------------------------------------------------------------|---------------------------------|---------------------------------------------|--------------------|---------------------------------------------------------|-----------------|------------------------|
| Univ. of Virginia.....                                            | June 17.....                    | .....                                       | .....              | .....                                                   | .....           | .....                  |
| Univ. of Washington.....                                          | June 11.....                    | 371                                         | 360                | Mrs. Clara McCarty Wilt, B.S.                           | 1876            | Iaconna, Wash.         |
| Univ. of Wisconsin.....                                           | June 15.....                    | 4,806                                       | .....              | Levi Booth.....                                         | 1854            | Denver, Col.           |
| Univ. of Wooster.....                                             | June 13.....                    | 1,050                                       | 900                | Class of '71, 6 graduates living                        | .....           | by last report.        |
| Univ. of Wyoming.....                                             | June 18.....                    | 103                                         | 102                | W. H. Bramel.....                                       | 1891            | Salt Lake City, Utah.  |
| Upper Iowa Univ. f.....                                           | June 8.....                     | .....                                       | .....              | J. L. Paine; J. E. Clough...                            | 1862            | Fayette, Iowa; India.  |
| Ursinus College.....                                              | June 10.....                    | .....                                       | 395                | .....                                                   | .....           | .....                  |
| U. S. Mil. Academy.....                                           | June.....                       | 4,067                                       | 1,900              | Gen. Thomas A. Morris.....                              | 1834            | Indianapolis, Ind.     |
| U. S. Naval Acad.....                                             | Feb.....                        | 2,584                                       | 1,800              | John J. Pringle.....                                    | 1846            | Versailles, France.    |
| Utah Agri. College.....                                           | June 9.....                     | 57                                          | .....              | .....                                                   | .....           | .....                  |
| Vanderbilt Univ. f.....                                           | June 17.....                    | 3,850                                       | 3,450              | H. W. Morgan, M.D., D.D.S.                              | 1875            | Nashville, Tenn.       |
| Vassar College.....                                               | June 10.....                    | 2,017                                       | 1,888              | .....                                                   | .....           | .....                  |
| Virginia Mil. Inst.....                                           | June 24.....                    | 1,812                                       | 1,345              | Capt. O. M. Knight.....                                 | 1842            | Oliveville, Va.        |
| Virginia Poly. Inst.....                                          | June 17.....                    | .....                                       | .....              | Rev. A. F. Lloyd, D. D.....                             | 1874            | New York City, N. Y.   |
| Wabash College.....                                               | June 19.....                    | 2,140                                       | 1,000              | John M. Cowan.....                                      | 1842            | Springfield, Mo.       |
| Wake Forest College.....                                          | May 27.....                     | 910                                         | .....              | Dr. David R. Wallace.....                               | 1850            | Waco, Tex.             |
| Walden Univ.....                                                  | May 15.....                     | 592                                         | 500                | I. B. Scott, D. D.....                                  | 1878            | New Orleans, La.       |
| Washburn College.....                                             | June 10.....                    | 243                                         | 226                | Perley M. Griffin.....                                  | 1869            | Brockton, Mass.        |
| Wash. Agri. Col. f.....                                           | June 18.....                    | 115                                         | 115                | .....                                                   | .....           | .....                  |
| Wash. Col. f (Md.).....                                           | June 24.....                    | 238                                         | 213                | Dr. Wm. S. Wroth.....                                   | 1849            | Baltimore, Md.         |
| Wash. Col. f (Tenn.).....                                         | May 14.....                     | .....                                       | .....              | Judge O. P. Temple.....                                 | 1844            | Knoxville, Tenn.       |
| Washington Univ. f.....                                           | June 18.....                    | 3,966                                       | .....              | .....                                                   | .....           | .....                  |
| Wash. & Jeff. Col. f.....                                         | June 24.....                    | 4,000                                       | 2,000              | John Pitkin.....                                        | 1822            | Mt. Vernon, Ohio.      |
| Wash. & Lee Univ.....                                             | June 17.....                    | 3,000                                       | .....              | .....                                                   | .....           | .....                  |
| Waynesburg College.....                                           | June 25.....                    | 515                                         | 477                | Mrs. M. B. Howard.....                                  | 1852            | Waynesburg, Pa.        |
| Wellesley College.....                                            | June 22.....                    | 2,126                                       | 2,068              | .....                                                   | .....           | .....                  |
| Wells College.....                                                | June 10.....                    | 196                                         | 184                | .....                                                   | .....           | .....                  |
| Wesleyan Univ. f.....                                             | July 1.....                     | 2,333                                       | 1,702              | Daniel Henry Chase, L.L. D.                             | 1831            | Middletown, Ct.        |
| Western College.....                                              | June 17.....                    | 240                                         | 225                | Rev. W. T. Jackson, D. D.....                           | 1864            | Emmetsburg, Iowa.      |
| West. Maryl'd Col. f.....                                         | June 17.....                    | 536                                         | 497                | William S. Crouse.....                                  | 1871            | Denton, Md.            |
| West. Reserve Univ. f.....                                        | June 18.....                    | .....                                       | .....              | .....                                                   | .....           | .....                  |
| West. Univ. of Pa. f.....                                         | June 18.....                    | 2,400                                       | 1,600              | Thomas Mellon.....                                      | 1837            | Pittsburgh, Pa.        |
| West Va. Univ. f.....                                             | June 18.....                    | .....                                       | .....              | M. H. Dent.....                                         | .....           | Grafton, W. Va.        |
| Westfield College.....                                            | June.....                       | 153                                         | 143                | Thomas Pittman.....                                     | 1869            | Hammoud, Kan.          |
| Westminster (C. Mo.).....                                         | June 11.....                    | .....                                       | .....              | See note "z," on page 312.                              | .....           | .....                  |
| Westmin'r Col. f (Pa.).....                                       | June 17.....                    | .....                                       | .....              | Rev. Thos. H. Hanna, D. D.....                          | 1856            | Monmouth, Ill.         |
| Wheaton College.....                                              | June 25.....                    | 500                                         | 450                | Rev. J. P. Stoddard.....                                | 1860            | Boston, Mass.          |
| Whitman College.....                                              | June 10.....                    | 116                                         | 116                | C. C. Gose.....                                         | 1883            | Walla Walla, Wash.     |
| Whitforce Univ.....                                               | June 18.....                    | 611                                         | .....              | See note "j," on page 312.                              | .....           | .....                  |
| Wiley University.....                                             | May 15.....                     | 102                                         | 92                 | Rev. William Wesley.....                                | 1884            | Willis, Tex.           |
| Willamette Univ. f.....                                           | June 11.....                    | 752                                         | 658                | Mrs. E. J. York Moore.....                              | 1859            | Portland, Ore.         |
| William & Mary C.....                                             | June 25.....                    | .....                                       | .....              | .....                                                   | .....           | .....                  |
| William Jewell Col.....                                           | June 3.....                     | 500                                         | 400                | De Witt C. Allen.....                                   | 1855            | Liberty, Mo.           |
| Williams College.....                                             | June 24.....                    | 4,068                                       | 2,219              | William Rankin, L.L. D.....                             | 1831            | Newark, N. J.          |
| Wilmington College.....                                           | June 19.....                    | 130                                         | 119                | Miss Ellen C. Wright A. M.                              | 1874            | Wilmington, Ohio.      |
| Wilson College.....                                               | June 10.....                    | 447                                         | 442                | Mrs. Newton Caldwell.....                               | 1873            | Westfield, N. J.       |
| Wittenberg College.....                                           | June 4.....                     | 1,054                                       | 819                | David Herbaugh.....                                     | 1849            | Colorado Springs, Col. |
| Wofford College.....                                              | June 16.....                    | 571                                         | 511                | Samuel Dibble, L.L. D.....                              | 1856            | Orangeburg, S. C.      |
| Woman's Col. (Balt.).....                                         | June 9.....                     | 394                                         | 392                | Class of '92, all graduates liv-<br>ing by last report. | .....           | .....                  |
| Yale University.....                                              | June 24.....                    | 20,900                                      | 11,900             | Rev. Joseph S. Lord.....                                | 1831            | Lansburg, Mich.        |
| Yankton College.....                                              | June 11.....                    | 75                                          | 73                 | Gustave G. Wenzlaff.....                                | 1888            | Yankton, S. Dak.       |
| York College.....                                                 | June 10.....                    | .....                                       | .....              | .....                                                   | .....           | .....                  |

**TABLE THREE—FINANCIAL STATISTICS OF UNIVERSITIES AND COLLEGES.**

COST OF TUITION AND OTHER EXPENSES OF EDUCATION ITEMIZED, AND INCOME FROM PRODUCTIVE FUNDS AND BENEFACCTIONS DURING THE LAST COLLEGE YEAR, COMMUNICATED TO "THE WORLD ALMANAC" BY THE COLLEGES.

| COLLEGES.<br>For explanation of signs, see<br>page 312. | Tuition—<br>Cost per<br>Annum. | Living<br>Expenses,<br>Board, etc. | Other Ex-<br>penses—Fees,<br>Books, etc. | Productive<br>Funds—<br>Amount of. | Receipts<br>from<br>Benefactions. | Total Income,<br>Including Tuition or<br>Incidental Charges. |
|---------------------------------------------------------|--------------------------------|------------------------------------|------------------------------------------|------------------------------------|-----------------------------------|--------------------------------------------------------------|
| Adelphi College.....                                    | \$180                          | \$144 up.                          | \$10                                     | .....                              | \$250,000                         | .....                                                        |
| Adrian College.....                                     | 45                             | 135                                | .....                                    | \$26,500                           | .....                             | .....                                                        |
| Alabama Poly. Institute.....                            | 20                             | 165-215                            | 25-30                                    | .....                              | None.                             | \$67,245                                                     |
| Albany College (Ore.).....                              | 50                             | 110                                | 10                                       | 1,312                              | 2,500                             | 7,000                                                        |
| Albion College.....                                     | 24                             | 90-144                             | 15-40                                    | 255,000                            | 21,000                            | 58,000                                                       |
| Albright College.....                                   | 38                             | 146                                | 15-22                                    | 138,820                            | .....                             | 36,084                                                       |
| Alfred University.....                                  | 40                             | 100-150                            | 25-40                                    | 293,000                            | 5,349                             | 30,108                                                       |
| Allegheny College.....                                  | 45                             | 110-150                            | 12-20                                    | 410,000                            | 200,000                           | 230,000                                                      |
| Alma College.....                                       | 16-32                          | 100-130                            | 10                                       | 225,000                            | 55,000                            | (c) 21,000                                                   |
| Am. Univ. of Harriman.....                              | 40                             | 150                                | 10                                       | 40,000                             | 7,000                             | \$3,000                                                      |
| Amherst College.....                                    | 110                            | 200                                | 50                                       | 1,800,000                          | 95,000                            | (c) 110,000                                                  |
| Andover Theol. Sem.....                                 | Non-                           | 200                                | .....                                    | 800,000                            | .....                             | .....                                                        |
| Antioch College.....                                    | 37.50                          | 125                                | 15                                       | 50,000                             | 3,000                             | 6,000                                                        |
| Arkansas College.....                                   | 30-50                          | 100-115                            | 12-25                                    | .....                              | .....                             | .....                                                        |
| Armour Inst. Technology.....                            | 120                            | 200                                | 15-35                                    | 2,500,000                          | 200,000                           | .....                                                        |
| Asheville College.....                                  | 150                            | 300                                | 15                                       | None.                              | .....                             | 20,000                                                       |
| Atlanta University.....                                 | 16                             | 80                                 | 12                                       | 48,000                             | 35,000                            | 50,000                                                       |
| Auburn Theological Sem.....                             | None.                          | 150                                | None.                                    | 669,633                            | 23,442                            | 80,000                                                       |
| Augsburg Seminary.....                                  | 25                             | 80                                 | 25                                       | None.                              | 35,975                            | 38,700                                                       |

| COLLEGES.—TABLE THREE.<br>For explanation of signs, see<br>page 312 | Tuition—<br>Cost per<br>Annum. | Living<br>Expenses,<br>Board, etc. | Other Ex-<br>penses—<br>Fees,<br>Books, etc. | Productive<br>Funds—<br>Amount of. | Receipts<br>from<br>Benefactions. | Total Income,<br>Including Tuition or<br>Incidental Charges. |
|---------------------------------------------------------------------|--------------------------------|------------------------------------|----------------------------------------------|------------------------------------|-----------------------------------|--------------------------------------------------------------|
| Augustana College.....                                              | \$37                           | \$135-175                          | \$25                                         | \$50,000                           |                                   | \$35,000                                                     |
| Baker University.....                                               | 30-40                          | 90-150                             | 10-50                                        | 200,000                            | \$13,000                          | 30,000                                                       |
| Baldwin University.....                                             | 36                             | 125                                | 18                                           | .....                              | .....                             | .....                                                        |
| Barnard College.....                                                | 150                            | 300-450                            | 25                                           | .....                              | .....                             | .....                                                        |
| Bates College.....                                                  | 50                             | 125-220                            | 25-40                                        | 396,000                            | 37,000                            | (c) 38,000                                                   |
| Baylor University.....                                              | 50-60                          | 220                                | .....                                        | 25,000                             | .....                             | \$5 33,000                                                   |
| Bellevue College.....                                               | 80                             | 120                                | 40                                           | 71. 00                             | 24,000                            | 41 600                                                       |
| Beloit College.....                                                 | 36                             | 100-250                            | 28-55                                        | 850,000                            | 6,000                             | 60,008                                                       |
| Berea College (Ky.).....                                            | None.                          | 65-80                              | 13-19                                        | 450,000                            | 18,027                            | 24 1.6                                                       |
| Bethany College.....                                                | 36 up.                         | 135 up.                            | 20                                           | .....                              | .....                             | \$5 20,000                                                   |
| Bethel College (Ky.).....                                           | 55                             | 110                                | 7                                            | 120,000                            | None.                             | 7,500                                                        |
| Biddle University.....                                              | None.                          | 64                                 | 15-40                                        | .....                              | .....                             | .....                                                        |
| Blackburn College.....                                              | 36                             | 110-160                            | 10-20                                        | 30,000                             | 4,800                             | 7,000                                                        |
| Boston University.....                                              | 125-150                        | 144-270                            | 25                                           | 752,000                            | 40,346                            | 152,963                                                      |
| Bowdoin College.....                                                | 75                             | 350-400                            | .....                                        | 863,940                            | 73,708                            | (c) 60,745                                                   |
| Brigham Young College.....                                          | 11                             | 100-150                            | 20-30                                        | 100,000                            | 1,250                             | 25,000                                                       |
| Brown University.....                                               | 105                            | 300-500                            | .....                                        | 2,225,621                          | 395,306                           | 575,532                                                      |
| Bryn Mawr College.....                                              | 125-150                        | 275-350                            | 20                                           | 1,000,000                          | 17,112                            | 177,692                                                      |
| Buchtel College.....                                                | 40                             | 190                                | 15                                           | 150,000                            | .....                             | \$5 4,000                                                    |
| Bucknell University.....                                            | 50                             | 150-200                            | 50-150                                       | 430,000                            | .....                             | .....                                                        |
| Burritt College.....                                                | 10-40                          | 50-80                              | 50-80                                        | None.                              | None.                             | 4,284                                                        |
| Butler College.....                                                 | 45-57                          | 144                                | 15                                           | 225,000                            | 40,000                            | 60,000                                                       |
| Canisius College.....                                               | 40                             | 200                                | 20                                           | 20,000                             | .....                             | \$5 35,598                                                   |
| Carleton College.....                                               | 40                             | 90-150                             | 10-20                                        | 200,000                            | 2,000                             | 30,645                                                       |
| Carson and Newman Col.                                              | 30                             | 90                                 | 15                                           | 55,000                             | 9,000                             | 17,000                                                       |
| Carthage College.....                                               | 30                             | 126                                | 15                                           | 40,000                             | 14,300                            | 19,700                                                       |
| Case School Appl. Science                                           | 100                            | 162-216                            | 25-40                                        | .....                              | .....                             | .....                                                        |
| Catholic University.....                                            | 75                             | 300                                | .....                                        | 896,000                            | 35,000                            | 110,000                                                      |
| Cedarville College.....                                             | 26                             | 130                                | 15                                           | 20,000                             | 600                               | 3, 00                                                        |
| Central College (Mo.).....                                          | 50                             | 100-140                            | 30-50                                        | 145,000                            | 60,000                            | (c) 13,000                                                   |
| Central Univ. of Iowa.....                                          | 40                             | 100                                | 10                                           | 40,000                             | 25,000                            | 28,000                                                       |
| Central Univ. of Ky.....                                            | 50                             | 200                                | 30                                           | 850,000                            | 95,000                            | .....                                                        |
| Central Wesleyan College                                            | 28-36                          | 100-125                            | 10-15                                        | 75,000                             | 2,000                             | 10,000                                                       |
| Charles City College.....                                           | 35-41                          | 125                                | 10-15                                        | 15,000                             | .....                             | 5,600                                                        |
| Charleston College.....                                             | 40                             | 90                                 | 15                                           | 290,200                            | None.                             | 14,600                                                       |
| Christian Univ. (Mo.).....                                          | 36                             | 100                                | 10                                           | 25,000                             | 4,000                             | 9,400                                                        |
| Claffin University (a).....                                         | 14                             | 40                                 | 20                                           | .....                              | 5,000                             | 30,000                                                       |
| Clark College (Mass.).....                                          | (c)                            | 125                                | 10                                           | 1,100,000                          | .....                             | .....                                                        |
| Clark University (Ga.).....                                         | None.                          | 80                                 | 10-15                                        | None.                              | 500                               | 16,600                                                       |
| Clark University (Mass.)                                            | 100                            | 200                                | None.                                        | .....                              | .....                             | .....                                                        |
| Clemson Agri. College.....                                          | 40                             | 102                                | 25                                           | 154,439                            | 3,512                             | 128,220                                                      |
| Coe College.....                                                    | 40                             | 120-140                            | 15-25                                        | 210,000                            | 5,500                             | 19,500                                                       |
| Colby College.....                                                  | 60                             | 135                                | 25                                           | 456,000                            | 15,288                            | 23,368                                                       |
| Colgate University.....                                             | 60                             | 150-160                            | 50                                           | 1,610,000                          | 27,200                            | 96,000                                                       |
| College of City of N. Y.....                                        | None.                          | None.                              | None.                                        | .....                              | None.                             | 220,000                                                      |
| Colorado College.....                                               | 35                             | 175-350                            | 10-25                                        | 427,000                            | 140,000                           | (c) 48,950                                                   |
| Columbia University.....                                            | 150-200                        | 210-600                            | 22-100                                       | 13,283,957                         | 501,131                           | 1,878,260                                                    |
| Columbian University.....                                           | 100                            | 160-240                            | 20                                           | 256,075                            | 13,000                            | 102,225                                                      |
| Concordia College.....                                              | (f) 40                         | 72                                 | 10                                           | .....                              | .....                             | .....                                                        |
| Converse College.....                                               | 60                             | 190                                | 20                                           | 16,500                             | 13,000                            | 44,875                                                       |
| Cornell College (Iowa).....                                         | 44                             | 200                                | 50                                           | 175,000                            | 10,000                            | 42,436                                                       |
| Cornell University (N. Y.)                                          | 100-150                        | 150-350                            | 15                                           | 7,577,638                          | 365,935                           | 908,873                                                      |
| Cotner University.....                                              | 25                             | 72-108                             | 40-60                                        | 20,000                             | 2,419                             | 4,140                                                        |
| Creighton University.....                                           | 80                             | 160-210                            | 6-12                                         | 200,000                            | 9,000                             | (c) 26,000                                                   |
| Cumberland University.....                                          | 70                             | 72-128                             | 10                                           | 105,000                            | 15,000                            | (c) 14,000                                                   |
| Dakota University.....                                              | 30                             | 100                                | 25                                           | .....                              | 2,910                             | 16,274                                                       |
| Dartmouth College.....                                              | 110                            | 200-300                            | 100                                          | 2,500,000                          | .....                             | .....                                                        |
| Davidson College.....                                               | 60                             | 85-150                             | 32                                           | 125,000                            | 15,000                            | (c) 17,500                                                   |
| DePance College.....                                                | 30-40                          | 125-175                            | 10-25                                        | 30,000                             | 600                               | 3,000                                                        |
| Delaware College.....                                               | 60                             | 180-250                            | 20-100                                       | .....                              | .....                             | 41,980                                                       |
| Denison University.....                                             | 39                             | 125                                | 21                                           | 700,000                            | .....                             | 30,000                                                       |
| De Pauw University.....                                             | None.                          | 200-350                            | 13-60                                        | 32,337                             | 80,000                            | (c) 47,837                                                   |
| Des Moines College.....                                             | 36                             | 100-200                            | 10-18                                        | .....                              | 1,500                             | .....                                                        |
| Dickinson College.....                                              | 6, 25                          | 100                                | 125                                          | 350,000                            | .....                             | 60,000                                                       |
| Doane College.....                                                  | 24                             | 108                                | 30                                           | 156,983                            | 19,317                            | 35,710                                                       |
| Drake University.....                                               | 46                             | 150                                | 25                                           | 210,000                            | 10,000                            | 53,690                                                       |
| Drew Theol. Seminary.....                                           | None.                          | 150                                | 25                                           | 460,000                            | 30,000                            | (c) 30,525                                                   |
| Drury College.....                                                  | 50                             | 190-250                            | 12                                           | 260,000                            | 50,000                            | 74,000                                                       |
| Ehrham College.....                                                 | 77                             | 177                                | 10-25                                        | 203,473                            | 8,850                             | 20,208                                                       |
| Elmira College.....                                                 | 100                            | 225                                | 20                                           | 70,000                             | 2,000                             | 30,000                                                       |
| Elon College.....                                                   | 30-50                          | 100-150                            | 15                                           | .....                              | .....                             | 5,000                                                        |
| Emory and Henry College                                             | 50                             | 100-150                            | 25-50                                        | 25,000                             | .....                             | 12,194                                                       |
| Emory College.....                                                  | 60                             | 80-150                             | 25-30                                        | 145,431                            | 3,000                             | 25,147                                                       |
| Emporia College.....                                                | 30                             | 20                                 | .....                                        | None.                              | 6,000                             | 9,000                                                        |
| Eureka College.....                                                 | 39                             | 120-150                            | 15-30                                        | 40,000                             | 5,000                             | 15,000                                                       |
| Ewing College.....                                                  | 30                             | 78                                 | 9                                            | 10,000                             | .....                             | .....                                                        |
| Fairmount College.....                                              | 36                             | 120-400                            | 6-18                                         | 100,000                            | .....                             | .....                                                        |
| Fargo College.....                                                  | 30                             | 120-150                            | 20-30                                        | .....                              | .....                             | .....                                                        |
| Findlay College.....                                                | 32                             | 120-150                            | 10                                           | 60,000                             | 30,000                            | (c) 34,020                                                   |
| Fisk University.....                                                | 14                             | 105                                | 3-10                                         | .....                              | .....                             | .....                                                        |
| Fort Worth University.....                                          | 18-50                          | 148                                | .....                                        | .....                              | 5,000                             | 41,000                                                       |
| Franklin College (Ind.).....                                        | 4                              | 125-150                            | 10                                           | 241,000                            | 20,000                            | (c) 15,700                                                   |
| Franklin College (Ohio).....                                        | 40                             | 100                                | 25                                           | None.                              | None.                             | \$5 3,000                                                    |

| COLLEGES—TABLE THREE.<br>For explanation of signs, see<br>page 312. | Tuition—<br>Cost per<br>Annum. | Living<br>Expenses,<br>Board, etc. | Other Ex-<br>penses—Fees,<br>Books, etc. | Productive<br>Funds—<br>Amount of. | Receipts<br>from<br>Benefactions. | Total Income,<br>Including Tuition or<br>Incidental Charges. |
|---------------------------------------------------------------------|--------------------------------|------------------------------------|------------------------------------------|------------------------------------|-----------------------------------|--------------------------------------------------------------|
| Franklin & Marshall Col.                                            | None.                          | \$129.50                           | \$65                                     | \$346,000                          | \$30,000                          | \$56,000                                                     |
| Furman University.....                                              | \$50                           | 80                                 | 25                                       | 78,000                             | 500                               | 12,300                                                       |
| Gen'l Theol. Sem. (P. E.).....                                      | None.                          | 225                                | ...                                      | 2,161,181                          | 49,177                            | 96,062                                                       |
| Geneva College.....                                                 | 45                             | 108                                | 125                                      | 127,000                            | 6,000                             | 20,000                                                       |
| Georgetown Univ. (D. C.).....                                       | 100                            | 312                                | 35                                       | 47,000                             | 5,000                             | \$ 145,000                                                   |
| Girard College.....                                                 | None.                          | None.                              | None.                                    | 15,902,234                         | None.                             | \$ 842,625                                                   |
| Granbury College.....                                               | 45                             | 120                                | 10                                       | .....                              | .....                             | .....                                                        |
| Grant University.....                                               | (l) 18-50                      | 75-200                             | 9-50                                     | 14,500                             | 24,777                            | (c) 24,712                                                   |
| Greensboro Female Col.....                                          | 50                             | 130                                | 4                                        | None.                              | .....                             | \$ 26,720                                                    |
| Greenville and Tus. Col.....                                        | 18-36                          | 75                                 | 15                                       | .....                              | 30,000                            | 36,000                                                       |
| Greer College.....                                                  | 30                             | 126                                | 5                                        | 70,000                             | .....                             | 9,500                                                        |
| Grove City College.....                                             | 45                             | 180                                | .....                                    | .....                              | 16,000                            | 37,000                                                       |
| Gullford College.....                                               | 52                             | 90                                 | 10                                       | 75,000                             | 10,000                            | (c) 20,000                                                   |
| Gustavus Adolphus Col.....                                          | 30-50                          | 125                                | 10-15                                    | .....                              | 22,547                            | 34,654                                                       |
| Hamilton College.....                                               | 75                             | 350                                | 50                                       | 501,000                            | 40,000                            | 56,000                                                       |
| Hamline University.....                                             | 36                             | 126                                | 32                                       | 100,000                            | .....                             | .....                                                        |
| Hampden-Sidney College.....                                         | 100                            | 220                                | 40-50                                    | 150,000                            | .....                             | 13,229                                                       |
| Hampton Nor. & A. I. (h).....                                       | 100                            | 125                                | 25                                       | 1,055,321                          | 93,565                            | 185,881                                                      |
| Hanover College.....                                                | None.                          | 150-200                            | 50-75                                    | 200,000                            | .....                             | .....                                                        |
| Harford Theol. Sem.....                                             | None.                          | 125                                | 100                                      | .....                              | .....                             | .....                                                        |
| Harvard University.....                                             | (k) 150                        | 200-700                            | 25 up.                                   | 13,119,538                         | 956,167                           | 2,371,882                                                    |
| Haverford College.....                                              | 150                            | 350                                | 30                                       | 893,000                            | 39,114                            | 129,000                                                      |
| Heidelberg University.....                                          | 25                             | 108                                | 26                                       | 125,000                            | .....                             | 4,700                                                        |
| Hendrix College.....                                                | 27-60                          | 75-100                             | 10-20                                    | 40,000                             | 4,000                             | 7,702                                                        |
| Henry College.....                                                  | 50                             | 85-100                             | 10                                       | 18,000                             | .....                             | \$ 9,000                                                     |
| Henry Kendall College.....                                          | 22-50                          | 105                                | 25                                       | None.                              | 9,000                             | 14,800                                                       |
| Hillsdale College.....                                              | 23-50                          | 150                                | 50-120                                   | 227,788                            | 2,980                             | 12,219                                                       |
| Hiram College.....                                                  | 40-48                          | 125-150                            | 15                                       | 180,000                            | 20,000                            | (c) 18,000                                                   |
| Hiwassee College.....                                               | 40                             | 100                                | 10                                       | .....                              | 2,000                             | 3,000                                                        |
| Hobart College.....                                                 | 80                             | 130-150                            | 40-50                                    | 483,415                            | 3,658                             | 38,339                                                       |
| Holy Cross College.....                                             | 60                             | 197                                | 30                                       | .....                              | .....                             | .....                                                        |
| Hope College (Mich.).....                                           | 18                             | 140-175                            | 28-38                                    | 245,000                            | 2,924                             | 20,424                                                       |
| Howard College (Ala.).....                                          | 75                             | 100                                | 25                                       | .....                              | .....                             | \$ 7,000                                                     |
| Howard University (D. C.).....                                      | (l) 90                         | .....                              | 10-15                                    | 16,000                             | .....                             | 48,500                                                       |
| Howard Payne College.....                                           | 50                             | 100                                | 10                                       | None.                              | 1,000                             | 6,000                                                        |
| Huron College.....                                                  | 30                             | 95-125                             | 15                                       | .....                              | .....                             | .....                                                        |
| Illinois College.....                                               | 50                             | 115                                | 25                                       | .....                              | .....                             | .....                                                        |
| Illinois Wesleyan Univ.....                                         | 39                             | 150-250                            | 25                                       | 100,000                            | 6,000                             | 36,000                                                       |
| Indiana University.....                                             | None.                          | 150-200                            | 20-35                                    | 600,000                            | 60,000                            | 140,000                                                      |
| Iowa College.....                                                   | 55                             | 120-185                            | 15-30                                    | 370,000                            | 2,000                             | 48,981                                                       |
| Iowa State College.....                                             | (m) 175                        | .....                              | (n) 682,000                              | .....                              | None.                             | 120,000                                                      |
| Iowa Wesleyan Univ.....                                             | 41                             | 108                                | 20                                       | 58,000                             | 1,250                             | 23,000                                                       |
| Jacob Tome Institute.....                                           | 100                            | 300                                | None.                                    | 2,500,000                          | .....                             | .....                                                        |
| John B. Stetson Univ.....                                           | 66                             | 156                                | 10                                       | 208,000                            | 16,676                            | 34,929                                                       |
| Johns Hopkins Univ.....                                             | 150-200                        | 175 up.                            | 30                                       | 4,400,000                          | 1,041,235                         | (c) 258,083                                                  |
| Kalamazoo College.....                                              | 30                             | 125-150                            | 40-50                                    | 208,802                            | 24,343                            | (c) 20,149                                                   |
| Kansas Wesleyan Univ.....                                           | 35                             | 50-150                             | 15-20                                    | 10,000                             | 1,000                             | 5,000                                                        |
| Kentucky University.....                                            | 22                             | 102 up.                            | 15                                       | .....                              | .....                             | .....                                                        |
| Kentucky Wesleyan Col.....                                          | 50                             | 100-200                            | 25                                       | 50,000                             | 2,000                             | .....                                                        |
| Kenyon College.....                                                 | 75                             | 200                                | 30                                       | 501,534                            | 79,380                            | (c) 22,345                                                   |
| Keuka College.....                                                  | 36                             | 125                                | 30                                       | 150,000                            | 25,000                            | (c) 11,000                                                   |
| Knox College.....                                                   | 60                             | 150-225                            | 80                                       | 257,800                            | .....                             | 30,141                                                       |
| Lafayette College (Pa.).....                                        | 100                            | 156                                | 30                                       | 446,828                            | .....                             | 41,305                                                       |
| La Grange College.....                                              | 40                             | 57-114                             | 10                                       | 500                                | 1,200                             | 5,700                                                        |
| Lake Forest College.....                                            | 40                             | 180-380                            | 25                                       | 650,000                            | 8,000                             | 41,500                                                       |
| Lane Theological Sem.....                                           | None.                          | 100                                | 35                                       | 480,929                            | .....                             | 22,087                                                       |
| La Salle College.....                                               | 80-100                         | .....                              | 15-20                                    | .....                              | .....                             | .....                                                        |
| Lawrence University.....                                            | 6                              | 115-130                            | 35                                       | 288,000                            | 17,000                            | 34,000                                                       |
| Lebanon Valley College.....                                         | 50                             | 135                                | 15                                       | 40,000                             | .....                             | \$ 18,000                                                    |
| Lehigh University.....                                              | 60-150                         | 175-320                            | 25-50                                    | .....                              | .....                             | 110,000                                                      |
| Leland Stanford, Jr. Univ.....                                      | (m) 20-30                      | 225                                | 25-50                                    | 20,000,000                         | None.                             | \$ 6,050                                                     |
| Lenox College.....                                                  | 30                             | 100                                | 50                                       | 15,000                             | 1,000                             | 6,400                                                        |
| Lima College.....                                                   | 40                             | 100-150                            | 5-20                                     | .....                              | 10,000                            | 15,000                                                       |
| Lincoln College (Ill.).....                                         | 25                             | 150-200                            | 15                                       | 120,000                            | 75,000                            | (c) 7,500                                                    |
| Livingstone College.....                                            | 12                             | 56                                 | 15                                       | 5,000                              | 12,334                            | 27,456                                                       |
| Lombard College.....                                                | 35                             | 125-250                            | 15-30                                    | 80,000                             | 6,000                             | 21,500                                                       |
| Louisiana State Univ.....                                           | None.                          | 121                                | 13-40                                    | .....                              | 33,000                            | 55,566                                                       |
| Manhattan College.....                                              | 75-100                         | 250                                | 5-20                                     | None.                              | 3,550                             | 46,940                                                       |
| Marietta College.....                                               | 30                             | 125-175                            | 25-30                                    | 260,000                            | 1,470                             | 21,578                                                       |
| Maryville College.....                                              | 18                             | 74                                 | 10                                       | 225,000                            | 2,000                             | 21,997                                                       |
| Mass. Agricultural Col.....                                         | (z) 80                         | 144-267                            | 10-20                                    | 360,575                            | 5,000                             | 53,676                                                       |
| Mass. Inst. Technology.....                                         | 200                            | 200-280                            | 35                                       | 1,784,234                          | 185,168                           | 347,132                                                      |
| McGonick Theol. Sem.....                                            | None.                          | 128                                | 25                                       | 1,250,000                          | 80,000                            | (r) 65,779                                                   |
| McKendree College.....                                              | 36                             | 118-126                            | 12                                       | 42,728                             | .....                             | 6,111                                                        |
| McMinnville College.....                                            | 30-40                          | 80-120                             | 15                                       | 40,000                             | 2,000                             | 6,500                                                        |
| Mercer College.....                                                 | 50                             | 75-100                             | 12                                       | 294,615                            | 65,000                            | (c) 19,000                                                   |
| Miami University.....                                               | None.                          | 200                                | 25                                       | 1,300,000                          | .....                             | 50,000                                                       |
| Michigan Agri. College.....                                         | (m) 15                         | 95-125                             | 75-100                                   | 915,454                            | .....                             | 14,664                                                       |
| Middlebury College.....                                             | 80                             | 150                                | 50                                       | 400,000                            | 1,500                             | 24,000                                                       |
| Midland College.....                                                | 40                             | 125-150                            | 25                                       | 25,000                             | 8,302                             | 14,752                                                       |
| Milligan College.....                                               | 30-36                          | 75-108                             | 10-25                                    | .....                              | 500                               | 4,250                                                        |
| Mills College.....                                                  | (i) 400                        | (j) 25                             | 25                                       | .....                              | .....                             | .....                                                        |
| Millsaps College.....                                               | 30                             | 75-125                             | 16                                       | 114,500                            | 100                               | 14,500                                                       |
| Milton College.....                                                 | 26                             | 100-175                            | 15-25                                    | 84,000                             | 9,182                             | 11,880                                                       |
| Miss. Agri. & Mech. Col.....                                        | (m) 20                         | 75                                 | 50                                       | 239,787                            | 250                               | 115,510                                                      |

| COLLEGES—TABLE THREE.<br>For explanation of signs, see<br>page 312. | Tuition—<br>Cost per<br>Annum. | Living<br>Expenses,<br>Board, etc. | Other Ex-<br>penses—Fees,<br>Books, etc. | Productive<br>Funds—<br>Amount of. | Receipts<br>from<br>Benefactions. | Total Income,<br>Including Tuition<br>and Incidental Charges. |
|---------------------------------------------------------------------|--------------------------------|------------------------------------|------------------------------------------|------------------------------------|-----------------------------------|---------------------------------------------------------------|
| Mississippi College.....                                            | \$35                           | \$85-130                           | \$13-20                                  | \$40,000                           | \$3,000                           | \$11,500                                                      |
| Missouri Valley College....                                         | 36-50                          | 110-200                            | 34-40                                    | .....                              | 1,857                             | 20,276                                                        |
| Mounmouth College.....                                              | 30                             | 100-175                            | 50-75                                    | 195,000                            | 9,780                             | 35,033                                                        |
| Moore's Hill College.....                                           | 37                             | 95-117                             | 10-25                                    | 22,000                             | .....                             | \$3,000                                                       |
| Morningside College.....                                            | 33                             | 100-130                            | 15-35                                    | .....                              | .....                             | .....                                                         |
| Morris Brown College.....                                           | 8                              | 60                                 | 12                                       | .....                              | .....                             | 15,000                                                        |
| Mount Angel College.....                                            | 30                             | 170                                | 2-10                                     | .....                              | .....                             | \$5,12,500                                                    |
| Mount Holyoke College.....                                          | 100                            | 150-180                            | .....                                    | 568,000                            | 188,000                           | 308,378                                                       |
| Mount St. Mary's College                                            | (i) 300                        | (i) 14                             | 14                                       | None                               | .....                             | .....                                                         |
| Mount Union College.....                                            | 42                             | 99                                 | 20                                       | 75,000                             | 8,000                             | 34,193                                                        |
| Muhlenberg College.....                                             | 50-75                          | 117-156                            | 15-25                                    | 161,000                            | 4,083                             | 17,042                                                        |
| Muskingum College.....                                              | 41                             | 95-115                             | 12-18                                    | 37,000                             | .....                             | 10,026                                                        |
| Nebraska Wesleyan Univ.                                             | 20                             | 125                                | 25                                       | 10,000                             | .....                             | 15,580                                                        |
| Nevada State University.                                            | None                           | 150                                | 15-30                                    | .....                              | .....                             | 60,000                                                        |
| Newberry College.....                                               | 40                             | 60-100                             | 10-30                                    | 36,000                             | .....                             | 7,100                                                         |
| New Orleans University.                                             | .....                          | 64-88                              | 8                                        | 25,000                             | 5,000                             | 8,000                                                         |
| Newton Theol. Inst.....                                             | None                           | 100                                | 20                                       | 850,000                            | .....                             | .....                                                         |
| New York University.....                                            | 100-175                        | 200-400                            | 20-50                                    | 1,580,000                          | 154,145                           | (c) 300,000                                                   |
| Niagara University.....                                             | 200                            | 100                                | 50                                       | None                               | 5,000                             | 50,000                                                        |
| Nor. Car. Ag. & Mech. Arts.                                         | 40                             | 95                                 | 40                                       | None                               | None                              | 95,715                                                        |
| Northern Illinois College.                                          | 40                             | 145                                | 15                                       | 1,500                              | .....                             | \$92,500                                                      |
| Northwestern Col. (Ill.)..                                          | 39                             | 125-200                            | 10-20                                    | 104,000                            | 10,000                            | 25,000                                                        |
| Northwestern Univ. (Ill.)..                                         | 33-70                          | 150-250                            | 14-33                                    | 2,950,000                          | 33,472                            | 418,269                                                       |
| Northwestern Univ. (Wis.)                                           | 30                             | 95                                 | 20                                       | None                               | 8,000                             | 9,200                                                         |
| Norwegian Luther Col... 20                                          | 103                            | 10                                 | 11,000                                   | 524                                | 6,805                             | .....                                                         |
| Oberlin College.....                                                | 50-75                          | 150-250                            | 10-25                                    | 1,576,153                          | 403,434                           | 160,000                                                       |
| Ogden College.....                                                  | 25                             | 120-140                            | 20                                       | 130,000                            | None                              | 8,077                                                         |
| Ohio State University.....                                          | (u) 60                         | 85-225                             | 62-126                                   | 862,669                            | 1,000                             | 420,006                                                       |
| Ohio Univ. (Athens, O.)...                                          | 15                             | 90-140                             | 15                                       | 70,000                             | None                              | 61,236                                                        |
| Ohio Wesleyan Univ.....                                             | 34-46                          | 100-350                            | 10-50                                    | 530,460                            | 23,684                            | .....                                                         |
| Oregon Agri. College.....                                           | None                           | 90 up.                             | 10-30                                    | 131,556                            | None                              | 86,566                                                        |
| Ottawa University.....                                              | 27-30                          | 120-200                            | 15-20                                    | 85,000                             | 28,500                            | 43,290                                                        |
| Otterbein University.....                                           | 40                             | 125-175                            | 50                                       | 70,000                             | 41,000                            | 46,260                                                        |
| Ouachita Baptist College..                                          | 50                             | 100-125                            | 7-15                                     | None                               | .....                             | 20,000                                                        |
| Oxford College.....                                                 | 50                             | 230                                | 50-150                                   | .....                              | .....                             | .....                                                         |
| Pacific College (Ore.).....                                         | 35                             | 95-115                             | 25                                       | 1,500                              | 2,000                             | 6,000                                                         |
| Pacific University (Ore.)..                                         | 49-50                          | 75-175                             | 25                                       | 198,000                            | 600                               | 16,948                                                        |
| Park College.....                                                   | 15-30                          | 75-185                             | 15                                       | 232,000                            | .....                             | .....                                                         |
| Parsons College.....                                                | 35-41                          | 150-300                            | 10-30                                    | 160,000                            | 15,000                            | 20,000                                                        |
| Peabody Normal College..                                            | *37                            | 150                                | 22                                       | .....                              | None                              | 70,000                                                        |
| Penn College (Iowa).....                                            | 40                             | 114                                | 25-40                                    | 100,000                            | 20,000                            | 33,000                                                        |
| Pennsylvania College.....                                           | 30                             | 94-188                             | 40                                       | 200,000                            | 1,600                             | 25,200                                                        |
| Pennsylvania College.....                                           | 100-110                        | 225-300                            | 10-25                                    | .....                              | .....                             | 40,000                                                        |
| Penna. Military College... 500                                      | (i) 165                        | .....                              | .....                                    | .....                              | .....                             | .....                                                         |
| Pennsylvania State Col... (m) 100                                   | 200-225                        | 50                                 | 517,000                                  | 260,000                            | (c) 122,992                       | .....                                                         |
| Philander Smith College..                                           | 12                             | 72                                 | 6                                        | None                               | 2,100                             | 4,500                                                         |
| Pike College.....                                                   | 40                             | 160                                | 20                                       | .....                              | .....                             | 4,000                                                         |
| Polytechnic Institute.....                                          | 200                            | .....                              | .....                                    | .....                              | .....                             | .....                                                         |
| Pomona College.....                                                 | 45-60                          | 150-250                            | 10-20                                    | 117,000                            | 13,500                            | 33,750                                                        |
| Pratt Institute.....                                                | 6-75                           | 190-304                            | 10-30                                    | 3,000,000                          | .....                             | .....                                                         |
| Presbyterian Col. of S. C.                                          | 40                             | 70                                 | 15                                       | None                               | 700                               | 2,100                                                         |
| Princeton Theol. Sem.....                                           | None                           | 160                                | 12                                       | 1,423,333                          | 39,299                            | 131,146                                                       |
| Princeton University.....                                           | 150-160                        | 200-500                            | 10-20                                    | .....                              | .....                             | .....                                                         |
| Pritchett College.....                                              | 36-46                          | 140                                | 10-12                                    | 78,000                             | .....                             | 7,600                                                         |
| Proseminar Elmhurst Col                                             | 50                             | 100                                | 10-12                                    | 3,805                              | 3,201                             | 19,975                                                        |
| Purdue University.....                                              | (m) 25                         | 200-350                            | 40-55                                    | 340,000                            | 70,000                            | 174,468                                                       |
| Radcliffe College.....                                              | 200                            | 300                                | .....                                    | 300,000                            | 70,000                            | \$75,000                                                      |
| Randolph-Macon College..                                            | 75                             | 125                                | 50                                       | 250,000                            | 20,000                            | 26,500                                                        |
| ..... (Womat's).....                                                | 75                             | 160                                | 35                                       | 97,000                             | 3,101                             | 84,526                                                        |
| Rensselaer Poly. Inst.....                                          | 200                            | 190-370                            | 31                                       | .....                              | .....                             | .....                                                         |
| Richmond College (Va.)...                                           | 70                             | 150                                | 100                                      | 288,247                            | .....                             | 34,000                                                        |
| Rio Grande College.....                                             | 28                             | 80-100                             | 10-25                                    | 71,000                             | 100                               | 5,800                                                         |
| Ripon College.....                                                  | 39                             | 117-150                            | 18-20                                    | 212,136                            | .....                             | 19,414                                                        |
| Roanoke College.....                                                | 50                             | 90-160                             | 20-40                                    | 65,000                             | 8,000                             | 14,300                                                        |
| Rock Hill College.....                                              | 260                            | (i) 48                             | 23                                       | None                               | None                              | 25,000                                                        |
| Roger Williams Univ. (d.)                                           | 8-12                           | 48                                 | 7-10                                     | None                               | .....                             | .....                                                         |
| Rollins College.....                                                | 52                             | 138                                | 10                                       | .....                              | .....                             | .....                                                         |
| Rose Polytechnic Inst.....                                          | 100                            | 300                                | 25                                       | 650,000                            | .....                             | 46,000                                                        |
| Rutgers College.....                                                | 75                             | 144-216                            | 24-54                                    | .....                              | .....                             | .....                                                         |
| San Francisco Theo. Sem.                                            | None                           | 125                                | 25                                       | 240,821                            | 1,164                             | 11,245                                                        |
| Scio College.....                                                   | 30                             | 98                                 | .....                                    | None                               | 12,000                            | 22,500                                                        |
| Scotia Seminary.....                                                | None                           | 45                                 | .....                                    | .....                              | 11,000                            | 17,644                                                        |
| Seton Hall College.....                                             | (i) 350                        | (i) 30                             | .....                                    | .....                              | .....                             | .....                                                         |
| Shaw University.....                                                | 8-60                           | 40-56                              | 37                                       | 35,000                             | 20,000                            | 30,000                                                        |
| Shurtleff College.....                                              | 36                             | 100                                | 24                                       | 136,828                            | 7,683                             | 16,204                                                        |
| Simmons College.....                                                | 100                            | 200-325                            | 10-20                                    | 2,700,000                          | .....                             | .....                                                         |
| Simpson College.....                                                | 32                             | 93-140                             | 12-45                                    | 69,323                             | 18,545                            | 38,182                                                        |
| Smith College.....                                                  | 100                            | 300                                | .....                                    | 1,140,000                          | 211,000                           | 308,000                                                       |
| South Carolina College... 40                                        | 124                            | 50                                 | .....                                    | None                               | None                              | 35,454                                                        |
| Southern Bapt. Theo Sem.                                            | None                           | 105                                | 20                                       | 500,000                            | 1,125                             | 29,000                                                        |
| Southern University.....                                            | 50                             | 100-125                            | 21                                       | 40,000                             | .....                             | 17,918                                                        |
| S. W. Bapt. Univ. (Tenn.)                                           | 50-60                          | 90-100                             | 12-18                                    | .....                              | .....                             | .....                                                         |
| S. W. Presb. Univ. (Tenn.)                                          | 25                             | 120-180                            | 28-48                                    | 291,000                            | None                              | 17,000                                                        |
| S' thwestern Univ. (Tex.)                                           | 60                             | 200-350                            | .....                                    | .....                              | .....                             | \$523,000                                                     |

310 Universities and Colleges of the United States.—continued.

| COLLEGES—TABLE THREE.<br>For explanation of signs, see<br>page 312. | Tuition—<br>Cost per<br>Annum. | Living<br>Expenses,<br>Board, etc. | Other Ex-<br>penses—Fees,<br>Books, etc. | Productive<br>Funds—<br>Amount of. | Receipts<br>from<br>Benefactions. | Total Income,<br>Including Tuition or<br>Incidental Charges. |
|---------------------------------------------------------------------|--------------------------------|------------------------------------|------------------------------------------|------------------------------------|-----------------------------------|--------------------------------------------------------------|
| Southwest Kansas College                                            | \$32-38                        | \$100-125                          | \$10-25                                  | \$5,000                            | None.                             | \$9,200                                                      |
| Spring Hill College.....                                            | 60-100                         | 240                                | 90                                       | None.                              | None.                             | 40,000                                                       |
| State College of Kentucky                                           | 25                             | 72-150                             | 10                                       | 110,000                            | None.                             | 112,500                                                      |
| State Univ. of Iowa.....                                            | 25-75                          | 150-300                            | .....                                    | 235,120                            | \$5,099                           | 282,268                                                      |
| State Univ. of Kentucky..                                           | 16.50                          | 75                                 | 20                                       | .....                              | 2,000                             | 8,000                                                        |
| Stevens Institute Tech....                                          | (p)                            | 280-360                            | 50                                       | 640,000                            | 165,040                           | (c) 71,612                                                   |
| St. Anselm's College.....                                           | 50                             | 150                                | .....                                    | None.                              | None.                             | .....                                                        |
| St. Benedict's College.....                                         | 60                             | 140                                | .....                                    | .....                              | None.                             | .....                                                        |
| St. Francis Xavier College                                          | 80-100                         | .....                              | .....                                    | .....                              | .....                             | .....                                                        |
| St. John's College (D. C.)..                                        | 60-100                         | .....                              | 5-20                                     | .....                              | .....                             | 12,000                                                       |
| St. John's College (Md.)...                                         | 75                             | 160-170                            | 20-30                                    | 30,000                             | 60,000                            | 85,000                                                       |
| St. John's College (N. Y.)                                          | 100                            | 300                                | 25                                       | 23,250                             | 11,200                            | 230,000                                                      |
| St. John's Univ. (Minn.)...                                         | 50                             | 150                                | 20                                       | None.                              | .....                             | 38,000                                                       |
| St. Lawrence University....                                         | 50                             | 150-200                            | 18                                       | 400,000                            | 20,000                            | 25,000                                                       |
| St. Louis University.....                                           | 60                             | 160-240                            | 10-15                                    | 84,000                             | 2,500                             | 19,578                                                       |
| St. Mary's College (Kan.)                                           | (i)                            | 225                                | .....                                    | None.                              | None.                             | .....                                                        |
| St. Mary's College (Ky.)...                                         | 30                             | 140                                | 15                                       | None.                              | None.                             | \$51,400                                                     |
| St. Olaf College.....                                               | 15                             | 82                                 | .....                                    | .....                              | 22,000                            | 33,000                                                       |
| St. Stephen's College.....                                          | None.                          | 225                                | None.                                    | 109,953                            | 12,085                            | 28,922                                                       |
| St. Thomas Villanova Col.                                           | 50                             | 200                                | .....                                    | .....                              | .....                             | .....                                                        |
| St. Vincent's College.....                                          | 50                             | 200                                | .....                                    | .....                              | .....                             | .....                                                        |
| Swarthmore College.....                                             | 150                            | 250                                | 50                                       | 425,000                            | .....                             | .....                                                        |
| Syracuse University.....                                            | 108-135                        | 140-200                            | 10-50                                    | 1,650,000                          | 567,992                           | 779,311                                                      |
| Tabor College.....                                                  | 36                             | 145                                | 24                                       | 104,000                            | .....                             | .....                                                        |
| Talladega College.....                                              | 8.50                           | 65                                 | 6-12                                     | 137,500                            | 30,412                            | 34,812                                                       |
| Tarkio College.....                                                 | 30-42                          | 100-127                            | 5-20                                     | 100,232                            | 5,013                             | 21,032                                                       |
| Taylor University.....                                              | 36                             | 72                                 | 20                                       | 7,009                              | 8,000                             | 13,000                                                       |
| Teachers' Col. (N. Y. City)                                         | 150                            | 220-480                            | 20                                       | .....                              | .....                             | 300,000                                                      |
| Texas Christian Univ.....                                           | 50                             | 125                                | 12                                       | .....                              | 25,000                            | 33,000                                                       |
| Throop Poly. Inst.....                                              | 75                             | 220                                | 5-20                                     | 33,000                             | 23,026                            | (c) 31,000                                                   |
| Trinity College (Ct.).....                                          | 100                            | 250np.                             | 200                                      | 850,000                            | 27,000                            | 78,500                                                       |
| Trinity College (D. C.).....                                        | 100                            | 300                                | .....                                    | .....                              | .....                             | .....                                                        |
| Trinity College (N. C.)...                                          | 50                             | 90-145                             | 28                                       | 429,000                            | 130,400                           | 34,547                                                       |
| Trinity Univ. (Tex.).....                                           | 50                             | 110-125                            | 25-40                                    | 32,000                             | .....                             | 8,156                                                        |
| Tufts College.....                                                  | 100-125                        | 180-250                            | 25                                       | 1,900,000                          | 55,000                            | 150,000                                                      |
| Tulane University.....                                              | 85                             | 140                                | 30                                       | 1,230,000                          | .....                             | 129,000                                                      |
| Tuskegee Institute.....                                             | 50                             | 72                                 | 6                                        | .....                              | 129,561                           | 341,401                                                      |
| Union College (Ky.).....                                            | 36                             | 120                                | 6-10                                     | 4,500                              | 1,634                             | 4,055                                                        |
| Union College (Neb.).....                                           | 36                             | 90                                 | 10-25                                    | 3,066                              | .....                             | 25,285                                                       |
| Union College (N. Y.).....                                          | 75                             | 200-250                            | 40-75                                    | 533,956                            | 56,398                            | 62,840                                                       |
| Union Christian College....                                         | 33                             | 90-115                             | 10                                       | 78,000                             | 51,000                            | (c) 7,380                                                    |
| Union Theological Sem....                                           | None.                          | 100np.                             | 35                                       | .....                              | .....                             | .....                                                        |
| Univ. of Alabama.....                                               | (r)                            | 130-200                            | 25-50                                    | 300,000                            | None.                             | 48,000                                                       |
| Univ. of Arizona.....                                               | None.                          | 136-150                            | 6-30                                     | .....                              | None.                             | 57,774                                                       |
| Univ. of Arkansas.....                                              | (m) 30                         | 90-200                             | 70                                       | 130,000                            | None.                             | 71,000                                                       |
| Univ. of California.....                                            | †None.                         | 200-250                            | 25-50                                    | 3,035,027                          | .....                             | †483,263                                                     |
| Univ. of Chicago.....                                               | 120                            | 250np.                             | 25-50                                    | 9,165,126                          | 2,983,354                         | 3,650,539                                                    |
| Univ. of Cincinnati.....                                            | (m) 75                         | 120np.                             | 25-125                                   | 3,357,308                          | .....                             | 153,724                                                      |
| Univ. of Colorado.....                                              | (p)                            | 200-300                            | 25                                       | 100,000                            | .....                             | 130,000                                                      |
| Univ. of Denver.....                                                | 30                             | 90-200                             | 25                                       | 214,000                            | 48,086                            | 97,338                                                       |
| Univ. of Georgia.....                                               | (m) 50                         | 125np.                             | 40                                       | 386,500                            | 4,000                             | 221,462                                                      |
| Univ. of Idaho.....                                                 | None.                          | 153                                | 30                                       | (r)                                | None.                             | 53,000                                                       |
| Univ. of Illinois.....                                              | (o)                            | 175-200                            | 70-100                                   | 645,000                            | .....                             | 778,789                                                      |
| Univ. of Kansas.....                                                | None.                          | 150-200                            | (y)                                      | 140,000                            | .....                             | 142,000                                                      |
| Univ. of Maine.....                                                 | 30                             | 133-171                            | 52                                       | 1,044,901                          | 694                               | 105,680                                                      |
| Univ. of Michigan.....                                              | (s)                            | 100-165                            | .....                                    | 545,964                            | 25,000                            | 741,000                                                      |
| Univ. of Minnesota.....                                             | (r)                            | 175-250                            | 150-200                                  | 1,317,649                          | 55,000                            | 556,826                                                      |
| Univ. of Mississippi.....                                           | (l)                            | 100-150                            | 25-65                                    | 695,000                            | 2,000                             | 45,000                                                       |
| Univ. of Missouri.....                                              | None.                          | 120-200                            | 20-40                                    | 1,236,000                          | .....                             | 422,000                                                      |
| Univ. of Montana.....                                               | (m)                            | 190                                | 22                                       | (n)                                | .....                             | 37,565                                                       |
| Univ. of Nashville.....                                             | 25                             | 200                                | 35                                       | 100,000                            | None.                             | .....                                                        |
| Univ. of Nebraska.....                                              | †None.                         | 225-300                            | 50                                       | .....                              | .....                             | § 14,000                                                     |
| Univ. of New Mexico.....                                            | (m)                            | 180                                | .....                                    | .....                              | .....                             | 14,000                                                       |
| Univ. of North Carolina...                                          | 60                             | 90-200                             | 40                                       | 137,500                            | 2,000                             | 78,000                                                       |
| Univ. of North Dakota.....                                          | (n)                            | 120                                | 25                                       | 2,000,000                          | None.                             | 64,500                                                       |
| Univ. of Notre Dame.....                                            | 100                            | 200                                | 35                                       | None.                              | None.                             | .....                                                        |
| Univ. of Oklahoma.....                                              | None.                          | 175                                | .....                                    | .....                              | .....                             | 60,400                                                       |
| Univ. of Oregon.....                                                | None.                          | 150-350                            | 12-50                                    | 200,000                            | None.                             | 59,702                                                       |
| Univ. of the Pacific.....                                           | 20-50                          | 185-200                            | 25                                       | 16,000                             | .....                             | 18,000                                                       |
| Univ. of Pennsylvania.....                                          | 150-200                        | 185-300                            | 20-45                                    | 4,004,745                          | 936,857                           | 1,490,345                                                    |
| Univ. of Rochester.....                                             | 60                             | 144-190                            | 21                                       | 764,818                            | .....                             | 51,009                                                       |
| Univ. of the South.....                                             | 80-100                         | 130-200                            | 10-30                                    | 185,581                            | .....                             | 80,000                                                       |
| Univ. of South Dakota.....                                          | 12-48                          | 125-150                            | 25-100                                   | None.                              | None.                             | 4,000                                                        |
| Univ. of S. California.....                                         | 62-150                         | 150-300                            | 10-30                                    | 314,000                            | 134,000                           | (c) 32,300                                                   |
| Univ. of Tennessee.....                                             | 60                             | 120-185                            | 55-175                                   | 425,000                            | 1,500                             | 86,848                                                       |
| Univ. of Texas.....                                                 | None.                          | 90-180                             | 60-120                                   | 1,363,226                          | 5,000                             | 275,303                                                      |
| Univ. of Utah.....                                                  | 10                             | 125-200                            | 10-30                                    | 244,000                            | 24,000                            | 95,000                                                       |
| Univ. of Vermont.....                                               | 60                             | 150-200                            | 90-140                                   | 584,050                            | 10,000                            | 97,492                                                       |
| Univ. of Virginia.....                                              | (h)                            | 225                                | 40                                       | 378,850                            | 20,691                            | 154,845                                                      |
| Univ. of Washington.....                                            | (j)                            | 140                                | 50                                       | None.                              | None.                             | 78,000                                                       |
| Univ. of Wisconsin.....                                             | (m)                            | 150-200                            | 15-25                                    | 500,000                            | .....                             | 575,000                                                      |
| Univ. of Wooster.....                                               | 45-60                          | 140                                | .....                                    | 250,000                            | 17,800                            | 35,500                                                       |
| Univ. of Wyoming.....                                               | None.                          | 150-225                            | 25                                       | None.                              | None.                             | 75,000                                                       |
| Upper Iowa University...                                            | 38                             | 120-180                            | 12                                       | 75,000                             | 4,800                             | 16,800                                                       |

| COLLEGES—TABLE THREE.<br>For explanation of signs, see<br>page 312. | Tuition—<br>Cost per<br>Annum. | Living<br>Expenses,<br>Board, etc. | Other Ex-<br>penses—Fees,<br>Books, etc. | Productive<br>Funds—<br>Amount of. | Receipts<br>from<br>Benefactions. | Total Income,<br>Including Tuition or<br>Incidental Charges. |
|---------------------------------------------------------------------|--------------------------------|------------------------------------|------------------------------------------|------------------------------------|-----------------------------------|--------------------------------------------------------------|
| Urbana University.....                                              | \$36                           | \$175                              | \$15                                     | \$80,000                           | \$1,400                           | \$5,000                                                      |
| Ursinus College.....                                                | 100                            | 150                                | 25                                       | 185,000                            | 14,056                            | 32,267                                                       |
| U. S. Military Academy.....                                         | †                              | †                                  | †                                        | †                                  | †                                 | †                                                            |
| U. S. Naval Academy.....                                            | §                              | §                                  | §                                        | §                                  | §                                 | §                                                            |
| Utah Agri. College.....                                             | 5                              | 121                                | 12.50                                    | 101,670                            | None.                             | 136,127                                                      |
| Vanderbilt University.....                                          | 85                             | 100-200                            | 40-60                                    | 1,300,000                          | 15,000                            | 125,000                                                      |
| Vassar College.....                                                 | 115                            | 285                                | .....                                    | 97,4,026                           | .....                             | .....                                                        |
| Vincennes University.....                                           | 21-50                          | 150                                | (y)                                      | .....                              | .....                             | .....                                                        |
| Virginia Military Inst.....                                         | 75                             | 165                                | 125                                      | 20,000                             | None.                             | 55,509                                                       |
| Virginia Polytechnic Inst                                           | (m) 30                         | 105                                | 35                                       | 344,312                            | None.                             | 117,066                                                      |
| Wabash College.....                                                 | 24                             | 125 up.                            | 40 up.                                   | .....                              | .....                             | .....                                                        |
| Wake Forest College.....                                            | 60                             | 90-250                             | 15-40                                    | 279,203                            | .....                             | 29,000                                                       |
| Walden University.....                                              | 15-40                          | 80                                 | 10-20                                    | .....                              | 10,500                            | 38,640                                                       |
| Washburn College.....                                               | 40                             | 160-320                            | 10-30                                    | 75,000                             | 60,000                            | (c) 27,835                                                   |
| Washington Agri. College.                                           | (m)                            | 150                                | 10-50                                    | None.                              | None.                             | 70,000                                                       |
| Washington Col. (Md.).....                                          | 50                             | 105                                | 10                                       | 20,000                             | None.                             | 10,000                                                       |
| Washington Col. (Tenn.)                                             | 30                             | 65                                 | 10                                       | 5,000                              | 8,000                             | 10,000                                                       |
| Wash'n & Jefferson Col.....                                         | 96                             | 200                                | 125                                      | 750,000                            | 400,000                           | (c) 34,000                                                   |
| Washington & Lee Univ.                                              | 50                             | 80-180                             | 25-50                                    | 750,000                            | 130,000                           | (c) 48,000                                                   |
| Washington University...                                            | 150                            | 200-300                            | 15-25                                    | 4,767,000                          | 157,098                           | (c) 249,691                                                  |
| Waynesburg College.....                                             | 30                             | 175-200                            | 25                                       | 50,000                             | 1,760                             | 8,119                                                        |
| Wellesley College.....                                              | 175                            | 225                                | 20                                       | 633,351                            | 165,000                           | (c) 286,759                                                  |
| Wells College.....                                                  | 100                            | 300                                | 110                                      | 200,000                            | 11,315                            | 67,947                                                       |
| Wesleyan University.....                                            | 75                             | 120-300                            | 30-60                                    | 1,443,754                          | 58,350                            | 172,161                                                      |
| Western College.....                                                | 36                             | 115                                | 10                                       | .....                              | 38,000                            | 47,000                                                       |
| Western Maryland Col....                                            | 45                             | 180                                | 10                                       | .....                              | .....                             | .....                                                        |
| Western Reserve Univ.....                                           | 85                             | 150-250                            | 100-200                                  | 1,300,000                          | 191,000                           | 251,000                                                      |
| Western Univ. of Penna....                                          | 100                            | 200                                | 25                                       | .....                              | .....                             | .....                                                        |
| Westfield College.....                                              | 30                             | .....                              | .....                                    | .....                              | 450                               | 3,450                                                        |
| Westminster Col. (Mo.)....                                          | 50                             | 115-150                            | 25-75                                    | 216,000                            | 5,000                             | 15,500                                                       |
| Westminster Col. (Pa.)....                                          | 42                             | 130-150                            | 15                                       | 128,000                            | .....                             | .....                                                        |
| West Virginia University.                                           | (m)                            | 150-200                            | (y)                                      | 113,069                            | .....                             | 183,406                                                      |
| Wheaton College.....                                                | 39                             | 100-200                            | 10-20                                    | 62,605                             | 9,169                             | 22,500                                                       |
| Whitman College.....                                                | 50                             | 150                                | 20                                       | 243,000                            | 65,000                            | (c) 25,000                                                   |
| Wilberforce Univ. (a).....                                          | 25-29                          | 78-89                              | 12-18                                    | 28,000                             | 3,000                             | 48,000                                                       |
| Wiley University.....                                               | 10-20                          | 84-100                             | 20                                       | .....                              | 3,000                             | 10,000                                                       |
| Willamette University....                                           | 36-45                          | 70-108                             | 10                                       | 40,000                             | 15,000                            | 22,600                                                       |
| William & Mary College....                                          | 35                             | 108                                | 50                                       | 133,540                            | 26,000                            | 27,000                                                       |
| William Jewell College....                                          | 40                             | 100-150                            | 25                                       | 275,000                            | 75,000                            | (c) 21,000                                                   |
| Williams College.....                                               | 105                            | 157-367                            | 25                                       | 1,168,708                          | .....                             | 110,130                                                      |
| Wilmington Col. (Ohio)....                                          | 39                             | 100                                | 15                                       | 40,000                             | 2,000                             | 5,500                                                        |
| Wilson College (y).....                                             | 60                             | 190                                | 5-20                                     | 250,000                            | .....                             | .....                                                        |
| Wittenberg College.....                                             | 50                             | 114-133                            | 15                                       | 200,000                            | .....                             | .....                                                        |
| Wofford College.....                                                | 40                             | 125                                | 20                                       | 63,000                             | .....                             | § 16,000                                                     |
| Woman's Col. (Balt.) (y)...                                         | 125                            | 250                                | .....                                    | 187,000                            | 59,000                            | (c) 65,583                                                   |
| Worcester Poly. Inst. (y)...                                        | 150                            | 150-225                            | 30                                       | 615,000                            | 20,000                            | 73,000                                                       |
| Yale University.....                                                | 100-150                        | 300 up.                            | 20-100                                   | 5,000,000                          | 153,000                           | 80,000                                                       |
| Yankton College.....                                                | 33                             | 100                                | 5-10                                     | 114,590                            | 8,000                             | 19,000                                                       |
| York College.....                                                   | 27                             | 90                                 | 10                                       | .....                              | 6,000                             | 10,000                                                       |

TOTAL ENROLLMENT IN SCHOOLS AND COLLEGES.

(Compiled from the Report of the United States Bureau of Education.)

There were enrolled in the schools and colleges, public and private, during the year 1899-1900, 17,020,710 pupils, the same being an increase of 282,348 pupils over the previous year.

Of this number the enrollment in public institutions was 15,443,462.

Besides the enrollment in public and private institutions of all grades included in the above summary there were pupils enrolled in special institutions more or less educational in their character as follows:

ENROLLMENT IN SPECIAL SCHOOLS, 1899-1900.

|                                             |         |                                                       |         |
|---------------------------------------------|---------|-------------------------------------------------------|---------|
| City evening schools.....                   | 199,000 | Orphan asylums and other benevolent institutions..... | 15,000  |
| Business schools.....                       | 91,549  | Private kindergartens.....                            | 95,000  |
| Schools for defectives.....                 | 25,261  | Miscellaneous.....                                    | 50,000  |
| Reform schools.....                         | 23,901  |                                                       |         |
| Government Indian schools.....              | 21,568  |                                                       |         |
| Indian schools (Five Civilized Tribes)..... | 10,499  | Total.....                                            | 524,531 |
| Schools in Alaska.....                      | 1,753   |                                                       |         |

The item "miscellaneous" in the above table includes such institutions as schools of music, oratory, elocution, cookery, and the various special arts.

Adding the enrollment in these special schools to the enrollment in schools and colleges makes a total of 17,544,888.

**Reference Marks Used in Preceding College Tables.**

(College Colors were printed in the 1902 edition of THE WORLD ALMANAC.)

**TABLE ONE.**

\* All departments. † Co-education of the sexes.  
 ‡ Education of women only. § For the education of colored students. ¶ Teachers' College is now part of Columbia University. †† Medical Department at Mobile, Ala. ††† At Athens, Tenn., also.  
 (a) Co-education in Medical Department.  
 (b) Not yet organized for instruction. Is intended solely for post-graduate work.  
 (c) No restriction as to color.  
 (d) Certain courses are open to women in Columbia University, with use of library, who are students of Barnard or Teachers' College.  
 (e) Co-education in the literary departments.  
 (f) Confined strictly to post-graduate work. The national university of the church.  
 (g) Academic and Technical Departments at Fayetteville; Law and Medical Dep'ts at Little Rock; Normal School (for negroes), Pine Bluff, Ark.  
 (h) College of Arts only.  
 (i) Presbyterian in sympathy.  
 (j) For Indians and colored youth, both sexes.  
 (k) Also at Lancaster, Tex.  
 (l) Radcliffe College is the women's college affiliated to Harvard University.

(m) Located in Pittsburgh and Allegheny.  
 (n) Separate department for women in the H. Sophie Newcomb Memorial College.  
 (o) For both sexes, except that Adelbert College Annex is for women only.  
 (p) Dental and Law Schools at Chicago.  
 (q) Report at close of 1901.  
 (r) Schools Pharmacy and Medicine at Chicago.  
 (s) Medical Department at Galveston.  
 (t) President and two-thirds Trustees must be Baptists.  
 (u) School of Mines at Rolla, Mo.  
 (v) Women admitted to graduate school and Departments of Fine Arts and Music.  
 (w) Co-education in law, pedagogy, graduate, and commerce. The Undergraduate Schools are at University Heights, Bronx Borough, New York City; Law, Pedagogy, Graduate, and Commerce at Washington Square; Medicine at East Twenty-sixth Street and First Avenue.  
 (x) College of Liberal Arts at St. Paul, Minn.; College Physicians and Surgeons at Minneapolis.  
 (y) Medical Department located in Louisville.

**TABLE TWO.**

\* All departments. † Co-education of the sexes. ‡ Education of women only. § For the education of colored students.  
 (a) March 13, June 17, August 29, December 18.  
 (b) Confined strictly to post-graduate work. The national university of the church.  
 (c) No restriction as to color.  
 (e) Serena Clay, Lincoln, Ill.; C. L. Hatfield, Verona, Ore.; James Hudson, Chicago; A. J. Wallace, Decatur, Ill.; all class of '68.  
 (f) For Indians and colored youth.  
 (g) Co-education in medical school.  
 (i) Warren C. Eustis, Owatonna, Minn., and Henry M. Williamson, Portland, Ore.; both class of '73.  
 (j) J. T. Jenifer, T. H. Jackson, I. H. Welch; all class of '70.  
 (k) Rev. Wm. Lawton Brown, Wrentham, Mass.; Wm. H. Potter, Kingston, R. I.; Rev. Thos. L. Randolph, Alameda, Cal.; all class of '36.  
 (m) J. M. Cavaness, Chaunte, Kan.; O. K. Hall and Rev. J. C. Hall, Hutchinson, Kan.; all class of '66.  
 (n) J. W. Gillespie, Washington, D. C.; George Hester, Cleveland, O.; S. F. De Ford, Ottawa, O.; W. H. Dressler, Alliance, O.; all class of '58.

(p) J. D. Burrus, J. H. Burrus, A. (Lucas) Robinson, V. E. Walker, all of Nashville, Tenn.; except Mrs. Lucas, of Greenville, Miss.; all class of '75.  
 (q) Report at close of 1901.  
 (r) School of Medicine, April 14; Theology, May 12; Liberal Arts, May 20; Law, June 5.  
 (s) Rev. Wm. A. Mandell, North Cambridge, Mass., and Rev. Horace Winslow, Weatogue, Ct.; both class of '41.  
 (u) H. E. Hitchcock, Ithaca, N. Y.; Rev. W. E. Holyoke, Chicago; Rev. E. G. Smith, Princeton, Ill.; all class of '46.  
 (v) Miss Eva B. Williams, Blackstone, Va.; Mrs. Fritz Reichmann, Cleveland, O.; both class of '96.  
 (w) S. S. Early, Terre Haute, Ind.; O. P. Hood, Houghton, Mich.; Benj. McKeen, Chicago; all class of '85.  
 (x) Literary Department.  
 (y) Academic Department only.  
 (z) R. W. Baker, Fulton, Mo.; J. P. Broadwell, Shreveport, La.; Robt. McPheeters, Fulton, Mo.; all class of '56.

**TABLE THREE.**

\* Free to teachers.  
 † At U. S. Military Academy tuition is free. Cadets are paid \$540 per year each by the Government, out of which they pay their own expenses for board, clothing, etc.; living expenses average about \$212 per annum.  
 †† Except in professional departments.  
 ‡ At U. S. Naval Academy tuition is free. Cadets are paid \$500 per year each by the Government, out of which they pay their own expenses for board, clothing, etc.; living expenses average about \$24 per month. ‡ Education of women only.  
 ††† Except Law, Music, Art.  
 §§ Income from tuition, board, or incidental charges only.  
 (a) For colored students.  
 (b) Literary departments, \$8 to \$12; professional departments, \$15 to \$22.  
 (c) Exclusive of benefactions.  
 (d) Average—academic, \$75; engineering, \$63; law, \$100; medicine, \$88.  
 (e) Free the first year.  
 (f) \$70 in medical departments; others free.  
 (g) Free for Colorado students, except in law \$40 and medicine \$50, all others \$20 per year.  
 (h) For colored and Indian youth.  
 (i) Living expenses included in tuition charges.  
 (j) Free except in Law School.

(k) Medical, \$200.  
 (l) Law, \$50; no charge in other branches.  
 (m) Free to State residents.  
 (n) 46,080 acres of land that cannot be sold for less than \$10 per acre.  
 (o) In graduate school and undergraduate classes tuition is free. Preparatory and special students, \$15 a year; law, \$50 a year; pharmacy, \$75 a year; medical school, \$105 a year; dentistry, \$105.  
 (p) \$150 for students residing in New Jersey, \$225 for non-residents.  
 (q) Report at close of 1901.  
 (r) Endowment of 286,000 acres of land to be sold at not less than \$10 per acre.  
 (s) Residents of the State, \$30; non-residents, \$40.  
 (t) Free to clerical students.  
 (i) For college of Law.  
 (v) Law department, \$90; medicine, \$75-100; free in other departments, with incidental fee of \$5 a term.  
 (w) 2,000,000 acres of land, \$579,700 bonds.  
 (x) Collegiate department free; law department, \$75; medicine, \$100; pharmacy, \$50.  
 (y) Charges for books, fees, etc., included in living expenses.  
 (z) Free to citizens of United States.



## American College Cheers.

THIS collection of cheers has been made by THE WORLD ALMANAC, by correspondence with officials of the respective institutions, and revised to 1903. It is believed to be the largest collection ever published.

- Alabama Polytechnic Institute.*—"Je hah, Je hah, Je hah hah hah, Auburn, Auburn, rah rah rah. Auburn, Auburn is our cry, V-I-C-T-O-R-Y!"
- Albany (Ore.)*—"Rata-ter thrat, ter thrat, ter thrat, Terra-ter-lix, ter-lix, ter-lix, Kicka-ba-ba, Kicka-ba-ba, Albany! Albany! Rah! Rah! Rah!"
- Albion.*—"A-l'-b-l'-o-n', Bis Boom Bah, Albion, Rah! Rah! Rah!"
- Alfred University.*—"Rah! Rah! Rah! Zip, Rah, Boom! Alfred! Alfred! Give Her Room!"
- Allegheny.*—"Alleghé! Alleghé! Rah! Boom! Allegheny!"
- Alma.*—"One, two, three, Hip, hi, hoo, ray, ALMA, Rah Rah Rah! yah, yah!"
- Amherst.*—"Rah! Rah! Rah! Rah! Rah! Amherst!"
- Armour Institute Technology.*—"A. I. T. rah rah rah rah A. I. T. rah rah rah rah Hoo rah Hoo rah Armour Technology Rah Rah Rah!"
- Atlanta University.*—"Rah! Rah! Rah! Ah! See! A Atlanta University!"
- Augustana.*—"Rockerty! Ki-I Ki-I Rockerty! Ki-I Ki-I rah (rah 5 times) Augustana rah rah rah!"
- Baker University.*—"B. U.! Rah, Rah, Rah! (repeat) Hoorah! Baker! Baker! taker! Rah! Rah! Rah!"
- Baldwin University.*—"U rah rah! U rah rah tiger!"
- Bates.*—"B-A-T-E-S—Rah Rah Rah! Boom-a-laka, Boom-a-laka, Boom, Bates, Boom!" (repeat.)
- Beloit.*—"Oh-aye, yoh-yoh-yoh-Beloit! B-e-l-o-i-t. Rah-Rah-Rah!"
- Bellevue.*—"Ala rah! ala rah! ala rah rah rah! yôl yah! yôl yah! Bellevue! Bellevue! Rah! Rah! Rah!"
- Bethany (Kan.)*—"Ki-Hippi-Ki-I-Ki-Hippi-Ki-I-Bethany-is Hi-Hi-Hi!"
- Boston University.*—"Boston, Boston, B-E-B-Boston, 'Varsity, 'Varsity, Rah, Rah! Rah!"
- Bowdoin.*—"B-o-w-d-o-i-n, Rah, Rah, Rah!"
- Bridham Young.*—"Rah! B Y, Rah! B Y, Rah! R Y Re, B, Y. C.!"
- Brown University.*—"Rah! Rah!—Rah!—Rah!—Rah!—Rah!—Brown Brown Brown—Ki Yi Ki Yi Ki Yi—Hicki Hicki Hoorah!" (three times).
- Buchtel.*—"Hoo-Re, Wah-Hoo, Wah-Hoo Hallaballoo, Hallaballoo, 'Rah, 'Rah, 'Rah, Buchtel, Buchtel, Buchtel!"
- Bucknell University.*—"Yah! Yah! Yoo! Bucknell! B. U.! Wah! Hoo! Hoo! Wah! Bah!"
- Case School Applied Sciences.*—"Hoo! Rah! Ki! Rah! S-C-I-E-N-C-E! Hoi! Hoi! Rah! Rah! Case!"
- Central Univ. of Ky.*—"Razzle dazzle, razzle dazzle! Sis, boom! Ah! Central University, Rah! Rah! Rah!"
- Christian University.*—"Boom-araka, boom-araka, boom-araka-ree; Rip-izipi, rip-izipi, rip-izipi-zee, Who are we? Christian University!"
- Claffin University.*—"Rah! Rah! Rah! Rah! Claffin University Rah! Rah! Hoorah! Hoorah! Claffin University, Rah! Rah!"
- Coe.*—"Zip, Boom, Gee, C-O-E-Rah, Rah, Rah-Coe!"
- Colby University.*—"C-O-L-B-Y, Rah! Rah! Rah!"
- Colgate University.*—"Hip hoorah, rah-rah, rah-rah; Hip hoorah, rah-rah, rah-rah, Colgate, Colgate, Rah-Rah-Rah; Colgate!"
- College of the City of New York.*—"Rah, 'Rah, 'Rah, C. C. N. Y. '03!"
- Colorado.*—"Pike's Peak or Bust! Pike's Peak or Bust! Colorado College! Yell we must!"
- Columbia University.*—"Ray 'Ray 'Ray C-o-l-u-m-b-i-a!"
- Columbian University.*—"Whang! Bang! Sis! Boom! Ah! Columbian! Columbian! Rah! Rah! Rah!"
- Cornell College.*—"Zipp, Ziss, Boom, Caw-w, Caw-w-nell; C. C. Tiger-la, Zipp Zipp Hoorah!"
- Cornell University.*—"Cornell! I Yell Yell Yell! Cornell!"
- Cotner University.*—"Cotner Cotner Cotner the Cotner University—Don't you see!"
- Creighton.*—"C. U." "C. U." Rah Rah Creighton Creighton, Omaha!"
- Cumberland University.*—"Allegoro-garo-garan! Hi-yip, Ki-yip! Cumberland, Cumberland!"
- Dartmouth.*—"Wah hoo wah! wah hoo wah! da-di-di, Dartmouth! wah hoo wah!"
- Delaware.*—"D-E-L-Delaware, Ware-Siss-Boom-Tiger-Rah! Rah! Rah!"
- Denison University.*—"Heike! Heike! Rah, rah, rah, hoorah, hoorah, Denison! Denison!"
- De Pauw University.*—"Zip, Rah, Who! D-P-U! Rip, Saw! Boom! Bah! Bully for old De Pauw!"
- Des Moines.*—"Three times three, D. M. C.! Rah, rah, rah! Rah, rah, rah! Rah, rah, rah! Des Moines!"
- Dickinson.*—"Hip-rah-bus-bis—Dickinsonien—Sis—Tiger!"
- Drake University.*—"White and Blue, White and Blue, What's the matter with old D. U. Blue and White, Blue and White, Drake University—she's all right!"
- Drury.*—"U-lu-la, U-lu-la, Scarlet, Gray: Zip, Boom, Vive la re, Rah, Rah, Yah, Rah, Rah, Rah, Yo; Drury, Drury, Southwest Mo.!"
- Earnham.*—"Ki yah, rah, rah, ri, ro, rem; E-A-R-I-H-A-M; thee! thou! rah!"
- Elmira.*—"Rah, Rah, rah, rah, Elmira Elmira College, Boom rah!"
- Fairmont.*—"Ki yi yi, Sis Boom Bah Fairmount, Fairmount Rah! Rah! Rah!"
- Fisk University.*—"Clickety! Clackety! Sis! Boom! Bah! Fisk University! Rah! Rah! Rah!"
- Franklin and Marshall.*—"Hullaballoo, bala! (twice) Way-up, Way-up! F. and M. Nevonia!"
- Georgetown (D. C.)*—"Hoya! Hoya! Saxa! Hoya! Hoya! Georgetown Hoya! Horah Doray Hai I Hickey, Hickey, Kai, Kai, Moky, Moky, Hay I, Toe mei!"
- Grant University.*—"Boom-a-lacka, Ching-a-lacka, Bow, wow, wow, Ching-a-lacka, Ching-a-lacka, Chow, chow, chow, Boom-a-lacka, Boom-a-lacka, Gold and Blue, G. U., G. U., 'ip, rah, zoo!"
- Greensboro (Female) College.*—"Rah! Rah! Rah! Hip poo pee! We are the Girls of G. F. C.!"
- Guilford.*—"Boom la yo! Boom la yo! Guilford, Guilford, Ho! Ho! Ho!"
- Gustavus Adolphus.*—"Hip, Hah, Rip, Rah Thez-Zah! Z-i-p! Boom G. A. R.!"
- Hamilton.*—"Rah! Rah! Hamilton! Road! Road! Road!"
- Hamline University.*—"Boom get a rat trap! Bigger than a cat trap! Boom get a rat trap! Bigger than a cat trap! Boom! Cannibal! Cannibal! Zip! Boom! Bah! Hamline! Hamline! Rah! Rah! Rah!"
- Harvard University.*—"Rah rah rah! rah rah rah! rah rah rah—Harvard!"
- Haverford.*—"Yo-Yo-Yo! Yo! yo! yo! Swish-whack! Scarlet and Black! Thee-Thou! Haverford!! Haverford!! Haverford!!"
- Heidelberg University.*—"Kill-kilik! Rah, rah! Zit, zit! Ha! Ha! Yah! Hoo! Bam! Zoo! Heidelberg!"
- Hillsdale.*—"Rha-hoo-rah Zip boom bah Hipizoo rhu zoo wah-hoo-wah Hillsdale!"
- Hobart.*—"Hip, Ho-bart! Hip, Ho-bart! Hip, Ho! Hip, Ho! Hip, Ho-bart!"
- Howard University.*—"Rah, rah, rah! Howard, Howard! Rah, Rah, Re!"
- Illinois.*—"Rah hoo rah, Boom a la ka, kick-a-rick-a-rol, Old Illinois, Boom zip boom, Tiger-zah!"
- Illinois Wesleyan University.*—"Wes-ley-an! Hoo-rah! Hoo-rah! (twice) Hoo-rah! Hoo-rah! W.-U.-Rah! Bully for Wesley-an!"
- Indiana University.*—"Indiana Rah! Indiana Rah! Rah! Gloriana Indiana Rah!"

- Iowa State College.*—“A-M-E-S! Rah! Rah! Rah! Rah! A-M-E-S! Rab! Rab! Rah! Rah! Hoo Rah! Hoo Ray! State College! I-O-A!”
- Iowa Wesleyan University.*—“Rah, rah, rah! Hip, hi, hoo! I.-W.-U.!”
- Jacob Tome Institute.*—“Tome! Tome! Tome! Ra-h (nine times) Tome, Tome, Tome!”
- John B. Stetson.*—“Boom-a-rocket, cheese-a-rocket Sis boom ah! Stetson, Stetson, Rah! Rah! Rah!”
- Johns Hopkins University.*—“Hullabaloo, Kanuck, Kanuck! Hullabaloo, Kanuck, Kanuck! Hoorah! Hoorah! H. H. U.!”
- Kenans Wesleyan University.*—“K. W. U. Hoorah, Hoorah, Wesleyan, Wesleyan, Rah, Rah, Rah!”
- Kenyon.*—“Hika, Hika, Hika, K-e-n-y-o-n. Kenyon, Kenyon!”
- Knox.*—“Zip rah! Boom rah! Knoxia! Knox! Knox! KNOX!”
- Lawrence University.*—“L-A-W-R-E-N-C-E! rah, rah, boom, rah, rah!”
- Lehigh University.*—“Hoo-rah-rah! Hoo-rah-rah! Ray, ray, ray, Lehigh, Lehigh!”
- Leland Stanford, Jr., University.*—“Rah-Rah-Rah (twice) Rah! Rah—Stanford!”
- Lenox.*—“Tis no lie, ’tis no bluff! Lenox College pretty hot stuff!”
- Lincoln University (Ill.).*—“Ki-yi-Moc-Kohn, Ra-ha—Lin-cohn!”
- Livingstone.*—“Rah-rah-re, Who are we? Don’t you see, Liv-ing-stone-stone-stone!”
- Lombard University.*—“Ra, re, ri, ro! Ring, ching, rang! Lombard! Lombard! Zip, boom, baug!”
- Manhattan.*—“Rah! Rah! Rah! (three times) Manhattan!”
- Marietta.*—“Rah! Rah! Rah! Rah! Rah! Ma-ri-et-ta. Rah! Rah! Rah!”
- Maryville.*—“Howee, how! Chilhowee! Maryville, Maryville, Tennessee! Hoo-rah-Hoo-rah Maryville Maryville Rah Rah Rah!”
- Massachusetts Agricultural.*—“Mass! Mass! Mass! chusetts! Rah (four times) Massachusetts!”
- Mass. Inst. Tech.*—“M. I. T. rah, rah, rah! M. I. T. rah, rah, rah! M. I. T. rah, rah, rah! Technology!”
- Mercer Univ.*—“Razzle! Dazzle! Hobble! Gobble! Sis Boom! Bah! Mercer! Mercer! Rah! Rah! Rah!”
- Miami University.*—“Rah—Rah—Rah—M-I-A-M-I—Mi-am-I, Miami!”
- Michigan Agricultural.*—“Rah! Rah! Rah! Uz! Uz! Uz! M. A. C. Tiger!”
- Midland.*—“Rah! Rah! Rah! Mid! Land! Ah! Zip! Kan! Boomerang! Rah! Rah! Rah! R-a-y!”
- Milton.*—“Sweet Marie, Sweet Mara! Hocus pocus, rickus rackus, Sis-boom ah! Judex Radix Flippety Flop Milton College, we’re on top!”
- Mississippi A. & M.*—“Hullabaloo, zip, bah! Hollabaloo, rip, rah! Hollaboom, sollyboom, lee, rah, zis! Lee, rah, ris! Lee, rah, ziss! A. & M. Miss.!”
- Missouri Valley.*—“Wah-hoo-wah! Wah-hoo-wee! Hoo-rah! Hi-rah! M. V. C.!”
- Moumouth.*—“Ho rah Ho roo Depa la Depa loo Rah si ki yi, Hot, Cold, wet or dry, get there Eli, Mou-mouth!”
- Mt. Holyoke.*—“H-o-l-y-o-k-e-k, Hol-yoke, Hol-yoke are we!” (The cheer is sung by the girls.)
- Mt. St. Mary’s.*—“Rah! Rah! Rah! Siss! Boom! Ah! Mt. St. Mary’s! Ha! Ha! Ha!”
- Mt. Union.*—“Karo, Kero, Kiro, Kee! Rah, Rah, Rah, for M. U. C.! Alikezenion. Alikezenion! Rah, R ah, Rah, for old Mt. Union!”
- Nebraska Wesleyan University.*—“Boom rah boom rah aw, We We Wesleyan! Ne Ne Nebraska O—man!”
- New York Univ.*—“Rah! Rah! N. Y. U., Siss! Boom! Ah! New York! New York! New York!”
- Niagara University.*—“Rah, Rah, Rah, Ray, Ray, Ray N-I-A-G-A-R-A!”
- Northwestern College (Ill.).*—“Rah! Rah! Hoo-Rah! Rah! Rah! Hoo-Rah! Who Rah? You Rah. North-Western, Rah! Rah! Rah!”
- Northwestern University (Ill.).*—“Rah! Rah! Rah! U. Northwestern (Rah! five times).”
- Oberlin.*—“Hi! O-I-I, O-I-I! O! Hi! Hi! Hi! O! Hi, O-ber-lin!”
- Ohio State University.*—“Wahoo, Wahoo. Rip, Zip, Bazoo! I yell, I yell, for O. S. U.!”
- Ohio Wesleyan University.*—“O-we-wi-wow! A-la-ka-zi-zow! Ra-zee-zi-zo! Viva! viva! O. W. U.!”
- Ohio University.*—“O. U. O. U.!”
- Oklahoma University.*—“Hi! Ruckery! Hoop-te-doo! Boomer! Sooner! Okla. U.!”
- Oregon.*—“Zip! Boom! Bee! Zip! Boom! Hoorah, Hoorah, Hoorah, Hoorah, Ottawa! O. A. C.!”
- Ottawa University.*—“Ottawa, Ottawa! Hoorah, Hoorah, Ottawa! Versity! Rah, Rah, Rah!”
- Ottelien University.*—“Whoop, Hip, Whoop, Whoop! O. U. O. U. Hi-O-mine, Ot-ter-bein; Whoop, Hip, Whoop!”
- Park.*—“P-A-R-K! Rah, rah, rah! Sis, boom, ah! Booma-lacka, booma-lacka! Boom! Park! Boom!”
- Parsons.*—“Hi yi! Hi yi! Hi, yi! Hippycanuri! Ki yi! Parsons!”
- Pennsylvania College.*—“Brackey Corax, Corix, Roree, Brackey Corax, Corix, Coree, Heigh Oh! Umpty Ah! Hulla Belloo, Bellee, Bellah, Gettysburg, Gettysburg, Gettysburg! Rah, Rah-Rah!”
- Pennsylvania Military.*—“Hurrah! Hurrah! Hurrah! P. M. C. C. C., Attention! Halt!”
- Pennsylvania State.*—“P. S. C. Yo He Hip Rah Ra Boom Rah!”
- Polytechnic Institute (Brooklyn).*—“Rah! Rah! Rah! Poly!” (three times.)
- Princeton University.*—“Hooray! Hooray! Hooray! Tiger! Sis! Boom! ah! Princeton!”
- Purdue.*—“Purdue! Purdue! Rah-rah! Rah-rah! (twice) Hoo-rah! Hoo-rah! Bullly for old Purdue!”
- Randolph-Macon (Woman’s).*—“Rah! Ran! rah, ree, ree, ree vive le R-M-W-C Who are we, (repeat) Girls of the R-M. W. C.!”
- Randolph-Macon College.*—“Rip, rah, rah! rip, rah, rah! Randolph-Macon Virginia! Callero! Callero! Yah-Yah-Yah!”
- Rensselaer Polytechnic Institute.*—“Rah, rah, rah! Rah, rah, rah! Rensselaer!”
- Rollins.*—“Rah! Rah! Rah! Rollins!”
- Rose P. I.*—“R-P! R-P! Rah-Rah! Rah-Rah! (Hoorah! 3 times) Rose Polytechnic! Rah! Rah! Rah!”
- Rutgers.*—“Rah! rah! rah! bow-wow-wow! Rutgers!”
- Seton Hall.*—“S-a-watha Ha-watha Ga-watha Rah Seton Hall College Rah! Rah! Rah!”
- Shaw University.*—“Hic Haec Hoe Sis, Boom, Bah Shaw University Rah. Rah. Rah!”
- Simpson.*—“Hip! hau! tra! boom! suae! bizzum! yah! zoom! Hella-ba-loo-ba-lonia-Rah! Zoo! Simpsonia!”
- State University of Iowa.*—“Haw, Hawk; Hi, Hi, Hi; Hawkway, Hawkeye; S. U. I.!”
- Stevens Institute of Technology.*—“Boom—rah! Boom—rah! Boom-rah-Stevens!”
- St. Francis Xavier.*—“Rah—rah—rah! Rah—rah—rah! X-A-V-I-E-R! Xavier!”
- St. John’s University (Minn.).*—“Razzle, dazzle, siss bum, boo-Wallica sooka, sooka soo-Who! Who! Who!”
- St. John’s (N. Y.).*—“Rah! Rah! Rah! F-O-R-D-H-A-M! Fordham! and Rah-Rah-Rah—F-J-R-D-ham-ham-ham, Fordham!”
- St. Lawrence University.*—“Rah, rah, rah, Rah, rah, rah, Rah, rah, rah, Laurentia!”
- St. Louis University.*—“St Lou-ee St Lou-ee S.T.L.U. Rah, rah, rah, Orange, White and Blue!”
- St. Mary’s Kan. J.*—“Hoop-la, Hoop-la, Who can guess? S-I, M-A-R-Y-S!”
- Swarthmore.*—“Rah Rah! Rah Rah! Rah Rah! Rah Rah! Swarthmore!”
- Syracuse University.*—“Hip, Hoo, Rah! Hip, Hoo, Rah! Syracuse! Syracuse! Rah-rah-rah!”

- Tabor*.—"Boom-a-lack-a, boom-a-lack-a, Bow-wow-wow, Ching-a-lack-a, ching-a-lack-a, chow-chow-chow, Boom-a-lack-a, Ching-a-lack-a, Who are we, Who's from Tabor, We, we, we!!!!"  
*Tallahatchee*.—"Ra ra ra, Ra ra ra, Talladega, Alabama, R-r-r-r-a!"  
*Tarkio*.—"Rip, bang! hip ho! get there, rain or snow! Set fire! Tarkio!!!"  
*Texas Christian Univ*.—"Boom-a-lack-a! Boom-a-lack-a, Boom-a-lack-a! Varsity! Varsity! T. C. U.!"  
*Trinity (Hartford)*.—"Rah! Rah! Rah! Trin-i-ty, Boom Rah! Boom Rah Trin-i-ty!"  
*Trinity (N. C.)*.—"Rah, rah, rah, hip-poo-pee-phiz-boom-tiger-hipporah-hipporah Trinity!"  
*Tufts*.—"Rah rah rah, rah rah Tufts! T-u-f-t-s Rah rah rah!" (twice.)  
*Tulane University*.—"Rah! Rah! Zip! Boom! Ah! Rah! Rah! Tulane!"  
*University of Alabama*.—"Rah! Rah! Sis boom ah! Rah! Rah! Alabama!"  
*University of Arkansas*.—"Rah (nine times) Arkansas!"  
*University of California*.—"Ha! Ha! Ha! Cal-i-for-ni-a! U. C. Berkeley! Zip! Boom! ah!"  
*University of Chicago*.—"Chicago, Chicago, Chicago, go! Go it Chica-go it Chica-go it Chica-go!"  
*Univ. of Cincinnati*.—"Heila, Heila, Heilagan! Heila, Heila, Ha! Cincinnati Varsity, Rah! Rah! Rah!"  
*University of Colorado*.—"C'o-l'o-r'a-d'o Col'o-ra'do U.!"  
*University of Denver*.—"U. U. of D, Den-ver, Ver-si-ty! Kai Gar Wa-hoo Zip boom—D. U.!"  
*Univ. of Georgia*.—"Ga Ga, Rah Rah, Ga, Ga, Rah, Rah Hoorah hoo rah varsity rah rah rah!"  
*University of Idaho*.—"Rah! Rah! Rah! (twice) Idaho! Id a ho! Boom! Bay! Bah!"  
*University of Illinois*.—"Rah-hoo-rah, Zip boom ah! Hip-zoo! rah-zoo! Jimmy, blow your bazoo! Ip-zidyki, U. of I. Illinois!!!"  
*University of Kansas*.—"Rock-Chalk! Jay-Hawk! K. U.!"  
*University of Maine*.—"Rah, rah, rah, Rah, rah, rah, Rah, rah, rah, Maine, Maine, Maine!"  
*Univ. of Michigan*.—"U. of M. Hurrah! Hurrah! Hoo-ráh! Hoo-ráh! Michigan! Michigan! rah! rah! rah!"  
*Univ. of Minnesota*.—"Rah, rah, rah, Ski-U-mah—hoo-rah! hoo-rah! Varsity—Varsity! Minne-so-ta!"  
*University of Mississippi*.—"Rah! Rah! Rah! Sis boom ah! Mississippi, Mississippi, Rah, rah, rah!"  
*University of Missouri*.—"Rah Rah Rah Missouri M. S. U. Univer-shee Hoorah, Hrah yes, sree!"  
*University of Nashville*.—"Rickety ix, Ski ix, Ski ix, Rah Rah Rah! Rickety ix, Ski ix, Ski ix, Rah Ha Rah, Nashville!"  
*University of North Carolina*.—"Yackety yack Hooray hooray! (twice, Carolina Varsity Boom Rah, Boom Rah, Car-o-li-na!"  
*Univ. of North Dakota*.—"Odz-dzo-dzi! Ri-ri-ri! Hy-ah! Hy-ah! North Dakota!" and Sioux war cry.  
*Univ. of Notre Dame du Lac*.—"U. N. D. rah, rah U. N. D. rah rah hoorah, hoorah, U. N. D. rah rah!"  
*University of Oregon*.—"Rah Rah Rah! Rah! Rah! Oregon!"  
*University of Pennsylvania*.—"Hoo-rah! Hoo-rah! Hoo-rah! Penn-syl-va-ni-a!"  
*University of Rochester*.—"Hoi, Hoi, Hoi, Rah, Rah, Rochester!"  
*University of Southern California*.—"Rackety! Hackety Wah! Who wah! (repeat) zip! Boom! Bah! (repeat) U! S! C! Rah! Rah! Rah!"  
*University of South Dakota*.—"Da-ko-tá, Da-ko-tá, of Da-ko-tá!"  
*University of Tennessee*.—"U. of T. Rah! rah! Rah! rah! (twice) Hur-rah! Hur-rah! Tennessee! Tennessee! Rah! rah! rah!"  
*Univ. of Texas*.—"Hullabaloo! Hooray, Hooray! (twice) Hooray! Hooray! Varsity! Varsity! U. T. A.!"  
*University of the Pacific*.—"Hi! Ho! He! Oh! U. P. Pa-a-c-i-f-i-c University! (three times.)"  
*University of the South*.—"Rah! Rah! Re! Vár-Si-Teé, Hey, hip! Hey, hip! Sé-Wá-Née! Se-wánee, Rah! Se-Wá-Nee, Rah! Se-wánee, TIGER, S-s-s-s, Boom! Ah-h-h-h-h!"  
*University of Utah*.—"Rah Rah, Rah! (three times) Utah!"  
*University of Vermont*.—"Rah, rah, rah! Rah, rah, rah! Vermont, Vermont! Rah, rah!"  
*University of Virginia*.—"Wah! hoo! wah! Wah! hoo! wah! U-n-i-v. Virgini-a!"  
*Univ. of Wash.*.—"U. of W. Hlah, hlah! U. of W. Siah, siah! Skookum, -kookum, Wash-ing-ton!"  
*University of Wisconsin*.—"U-Rah-Rah-Wis-con-sin!" (repeated three times with a tiger.)  
*University of Wooster*.—"Boom-a-lac-a boom-a-lac-a! Boom Boom, bah! Wooster! Wooster! Rah! Rah! Rah!"  
*Univ. of Wyoming*.—"Rah Rah Rah! Zip boom Zee! Let 'ergo, let 'ergo Varsity!! y-y-Wy-o-ming!!!!"  
*U. S. Military Academy*.—"Rah! Rah! Ray! Rah! Rah! Bay! West Point! West Point! Army!"  
*U. S. Naval Academy*.—"Rah! Rah! Rah! Hi! Ho! Hal! U. S. N. A. Room Sis! Bah! Navy!"  
*Upper Iowa University*.—"Hawkeye! Hawkeye! U! I! U!"  
*Ursinus*.—"Rah Rah Rah! (twelve times) Ursinus!"  
*Vanderbilt Univ.*.—"Vanderbilt, Rah, Rah! (twice) Hoo Rah Hoo Rah Varsity Varsity Rah, Rah, Rah!"  
*Virginia Polytechnic Inst.*.—"Hokie, Hockie, Hockie, His Techs! Techs! V. P. I. Sola-Rex, Sola Ra Polytechs, Virginia Rae! Ri! V. P. I.!"  
*Wabash*.—"Hoorah! Hoorah! Hoorah! Smash! Hurray for the Scarlet of Old Wabash! Hip Skitty Bow-wow, Wah-hoo-wah! Wabash! Wabash! Rah! Rah! Rah!"  
*Wake Forest*.—"Rah! Rah! Rah! Whoop-la Ve 'Or et Noir" and W. F. C.!"  
*Washburn*.—"Rah! Rah! Rah, Rah, Rah! Washburn! Washburn! Rah, Rah, Rah!"  
*Washington Agri.*.—"Rah! Rah! Ree! Rah! Rah! Ree! Washington! Washington! W. A. C.!"  
*Wash. and Jefferson*.—"Wich-I-Koáx, Koáx, Koáx! Wich-I-Koax, Koax, Koax! W. and J. Boom!"  
*Washington and Lee University*.—"Rah! Rah! Rah! White and Blue Whoopla! Whoopla! W. L. U.!"  
*Westeyan Univ.*.—"Rah! Rah! Rah! Wes-ley-an-a! Rah! Rah! Rah! Rah!"  
*Western Reserve University*.—"R-e-s-e-r-v-e, Rah, Rah, Re-serve!" (three times.)  
*Western University of Pennsylvania*.—"Alleghenee! Genack! Genack! Hooray! Wup!"  
*Western Maryland*.—"Rah, rah, rah! Rah, rah, ree! Rah, rah, hullabaloo! W-M-C!"  
*West Virginia University*.—"Rah! Rah! Rhee! W. V. U. Sis Boo Mah, Tiger!"  
*Whitman*.—"Rah! Rah! Rah! (twice) Wheaton! Wheaton! Rah! Rah! Rah!"  
*Whitman*.—"Brecke-Ke-Kex, Koax, Koax (bis), ho-up, ho-up, paraballo, Whitman!"  
*Wilberforce University*.—"Rha! Rha! Rha!! Wilberforce! Wilberforce! Rha! Rha!! Rha!!"  
*Willamette University*.—"Rah, Rah, Rah, Zip, boom, bah, Old Willamette, Ha, ha, ha!"  
*William Jewell College*.—"Yah Yah, Wow, Wow, Wee; Yaka, Zu Zi Zee; Vivela, Vivela, W. J. C.!"  
*Wilson*.—"Conococheague, chi ha ha ha, Wilson, Wilson, Rah! Rah! Rah! W-I-L-s-o-n, Sis Boom ah!"  
*Wofford*.—"Bum-a-lack-a, Bum-a-lack-a, bow wow wow, Chick-a-lack-a-lack-a Choc Chow Chow Bum-a-lack-a Chica-lack-a who are we are the boys from W. C.!"  
*Worcester Polytechnic Institute*.—"Rah, Rah, Rah! Worcester Polyteck! Polly, Wolly, Olley, Molly, Worcester Polyteck!"  
*Yale University*.—"Rah, Rah, Rah! Rah, Rah, Rah! Rah, Rah, Rah! Yale!"  
*Yankee*.—"O! Y! Hah! Hah! Hah! Yankton! Yankton! Rah! Rah! Rah! Hah! Wah! Bish! Boom! Bah! Yankton! Yankton! I-Lank-ton-w h!"

\* The difference between the cheers of Harvard and Yale lies in the length of time it takes to give them. Harvard's cheer is long and deep; Yale's quick and sharp.

## University Extension.

THE American Society for the Extension of University Teaching was founded at Philadelphia in June, 1890, and incorporated in March, 1892. The present officers of the Society are: *President*—Charles A. Brinley. *Treasurer*—Frederick B. Miles. *Secretary*—John Nolen. The office is in Philadelphia, Pa. The aim of University Extension is:

First—To extend higher education to all classes of people.

Second—To extend education through the whole of adult life.

Third—To extend thorough methods of study to subjects of everyday interest.

The work of the Society is carried on through lecture courses in a large number of centres in Pennsylvania, New York, New Jersey, Maryland, Connecticut, and other States. The subjects treated are history, literature, music and art, ethics and philosophy, economics, political economy and sociology, and science.

From Philadelphia the movement has extended into many sections of the country, being established mainly, however, in connection with colleges and universities. The most important work, outside of that of the general Society in Philadelphia, is carried on under the auspices of the University of Chicago, the Regents of the University of the State of New York, Rutgers College, New Brunswick; the University of Wisconsin, and in California.

The various University Extension Societies all publish syllabi in connection with their courses. These contain suggestive outlines of lectures, lists of books, and other matter of interest, and are of value for guiding home reading and study. Sample syllabi and circulars descriptive of University Extension can be obtained by addressing John Nolen, Secretary, 111 South Fifteenth Street, Philadelphia, Pa.

## Chautauqua.

### AN INSTITUTION FOR POPULAR EDUCATION.

*Chancellor*—John H. Vincent. *First Vice-President*—Wilson M. Day. *Treasurer*—Warren F. Walworth. *Chairman of the Executive Board*—Joseph C. Neville. *Executive Secretary*—Kate C. Kimball. *General Director*—Scott Brown. *Secretary*—Ira M. Miller. *Director of Extension*—Frank A. Catteru. *Principal of Instruction*, Chicago—George E. Vincent. The headquarters are at Chautauqua, N. Y.

The *Chautauqua Assembly* was organized in 1874 as the result of a joint plan of Lewis Miller and John H. Vincent. It holds annual sessions during July and August at Chautauqua, N. Y. The plan includes courses of instruction in language, literature, science, and art, lecture courses, musicales, recitals, and concerts, and various forms of entertainment and recreation. The local assemblies, which convene in different places through the Summer throughout the United States, number 156.

The *Chautauqua Literary and Scientific Circle*, Kate F. Kimball, Chautauqua, N. Y., Executive Secretary, was organized at Chautauqua in 1878, with the aim of continuing the influence of the Assembly throughout the year in all parts of the country. Since that time more than two hundred and fifty thousand members have been enrolled. The Circle aims to promote habits of reading and study in history, literature, science, and art, in connection with the routine of daily life. The course seeks to give "the college outlook" on the world and life. The essentials of the plan are: A definite course covering four years, each year's course complete in itself; specified volumes approved by the counselors, allotment of time by the week and month, a monthly magazine with additional readings and notes, a membership book with review outlines, and other aid. Individual readers may have all the privileges, and local circles may be formed by three or four members. The time required is about one hour daily for nine months. Certificates are granted to all who complete the course. Seals are affixed to the certificates which are granted for collateral and advanced reading. Any one may become a member of the C. L. S. C. by sending an application, together with 50 cents (the annual fee), to Chautauqua Institute, Chautauqua, N. Y.

## National Educational Association.

*President*—Charles W. Elliot, of Harvard University. *First Vice-President*—W. M. Beardshear, Iowa. *Permanent Secretary*—Irvin Shepard, Winona, Minn. *Treasurer*—W. N. Davidson, Kansas. Business office of the Association at Winona, Minn. Depository of Association at 450 Pennsylvania Avenue, Washington, D. C. Object—To elevate the character and advance the interests of the profession of teaching, and to promote the cause of public education in the United States. Annual dues for active members and for associate members, \$2. Annual meetings of the General Association are held in July. There are about 2,800 active, and an average of 10,000 associate members. The Association has a permanent invested fund of about \$90,000.

## The United Chapters of Phi Beta Kappa.

THE National Council, Phi Beta Kappa, is composed of fifty-three different college chapters. At the triennial session at Saratoga Springs, N. Y., September 12, 1901, the following officers and Senators were elected: *President*—J. A. De Remer, Schenectady, N. Y. *Vice-President*—Prof. J. C. Van Benschoten, Middletown, Ct. *Secretary and Treasurer*—Rev. O. M. Voorhees, Three Bridges, N. J. *Senators*—Joseph H. Choate, New York City; J. A. De Remer, Schenectady, N. Y.; T. E. Hancock, Syracuse, N. Y.; Prof. Samuel Hart, D. D., Hartford, Ct.; Col. T. W. Higginson, Cambridge, Mass.; Seth Low, New York City; H. W. Mabie, New York City; Prof. F. A. March, Easton, Pa.; H. E. Scudder, Cambridge, Mass.; Prof. J. C. Van Benschoten, Middletown, Ct.; Prof. H. L. Chapman, Brunswick, Me.; Rev. E. E. Hale, Roxbury, Mass.; Col. William Lamb, Norfolk, Va.; Rev. E. B. Parsons, Williamstown, Mass.; President C. F. Thwing, Cleveland, O.; Prof. Adolph Werner, New York City; Prof. E. A. Grosvenor, Amherst, Mass.; President Ira Remsen, Baltimore, Md.; Rev. O. M. Voorhees, Three Bridges, N. J.; President B. I. Wheeler, Berkeley, Cal.

The original chapter was organized December 5, 1776, at Williamsburg, Va., in connection with William and Mary College, and the organization has had ever since a continuous existence. There are at present over 11,000 living members. Five presidents have been Phi Beta Kappa men: J. Q. Adams, Pierce, Garfield, Arthur, and Roosevelt. A badge of the Society was presented the President December, 1901, the one hundred and twenty-fifth anniversary of the organization.

Freemasonry.

MASONIC GRAND LODGES IN THE UNITED STATES AND BRITISH AMERICA.

| GRAND LODGES.   | No. Members, 1902. | Grand Secretaries.           | GRAND LODGES.  | No. Members, 1902. | Grand Secretaries.           |
|-----------------|--------------------|------------------------------|----------------|--------------------|------------------------------|
| Alabama.....    | 12,788             | G. A. Beauchamp, Montg'y Y.  | Nevada.....    | 885                | C. N. Noteware, Carson.      |
| Arizona.....    | 828                | G. J. Roskruege, Tucson.     | N. Brunswick   | 1,884              | J. Twining Hartt, St. John.  |
| Arkansas.....   | 11,3-6             | F. Hempstead, Little Rock.   | N. Hampshire   | 9,387              | F. D. Woodbury, Concord.     |
| Brit. Columb.   | 1,978              | W. J. Quinlan, Nelson.       | New Jersey..   | 18,100             | T. H. R. Redway, Trenton.    |
| California..... | 22,776             | G. Johnson, San Francisco.   | New Mexico..   | 971                | A. A. Keen, Albuquerque.     |
| Canada.....     | 26,939             | J. J. Mason, Hamilton.       | New York.....  | 106,235            | E. M. L. Ehlers, N. Y. City. |
| Colorado.....   | 8,895              | Wm. D. Todd, Denver.         | N. Carolina..  | 11,637             | John C. Drewry, Raleigh.     |
| Connecticut..   | 17,397             | John H. Barlow, Hartford.    | North Dakota   | 3,742              | F. J. Thompson, Fargo.       |
| Delaware.....   | 2,364              | F. Bartram, Wilmi'gton       | Nova Scotia..  | 3,574              | Thomas Mowbray, Halifax.     |
| Dist. of Colum  | 5,891              | Arvine W. Johnston, Wash.    | Ohio.....      | 48,349             | J. H. Bromwell, Cincin'ti.   |
| Florida.....    | 4,460              | W. P. Webster, Jacksonville. | Oklahoma...    | 2,512              | J. S. Hunt, Stillwater.      |
| Georgia.....    | 20,844             | W. A. Wollhin, Macon.        | Oregon.....    | 5,598              | Jas. F. Robinson, Eugene.    |
| Idaho.....      | 1,410              | Theop. W. Randall, Boise.    | Pennsylvania   | 54,890             | Wm. A. Sinn, Philadelphia.   |
| Illinois.....   | 59,723             | J. H. C. Dill, Bloomington.  | Pr. Ed. Island | 559                | N. MacKevie, Summerside      |
| Indiana.....    | 33,604             | C. W. Prather, Anderson.     | Quebec.....    | 3,668              | Will. H. Whyte, Montreal.    |
| Indian Ter...   | 4,024              | J. S. Murrow, Atoka.         | Rhode Island   | 5,471              | S. P. Williams, Providence.  |
| Iowa.....       | 30,324             | N. R. Parvin, Cedar Rapids.  | S. Carolina..  | 6,249              | C. Inglesby, Charleston.     |
| Kansas.....     | 21,622             | Albert K. Wilson, Topeka.    | South Dakota   | 4,905              | G. A. Pettigrew, Flandreau.  |
| Kentucky.....   | 20,627             | H. B. Grant, Louisville.     | Tennessee...   | 17,343             | John B. Garrett, Nashville.  |
| Louisiana.....  | 5,757              | R. Lambert, New Orleans.     | Texas.....     | 29,680             | John Watson, Houston.        |
| Maine.....      | 22,690             | Stephen Berry, Portland.     | Utah.....      | 907                | C. Diehl, Salt Lake City.    |
| Manitoba.....   | 3,238              | James A. Ovas, Winnipeg.     | Vermont.....   | 10,235             | W. G. Reynolds, Burl'gton.   |
| Maryland.....   | 8,283              | J. H. Medairy, Baltimore.    | Virginia.....  | 13,444             | G. W. Carrington, Richm'd.   |
| Massach'setts   | 40,019             | S. D. Nickerson, Boston.     | Washington..   | 5,795              | T. M. Reed, Olympia.         |
| Michigan.....   | 43,742             | J. S. Conover, Coldwater.    | W. Virginia..  | 7,421              | G. W. Atkinson, Wheeling.    |
| Minnesota....   | 16,886             | T. Montgomery, St. Paul.     | Wisconsin....  | 18,210             | Wm. W. Perry, Milwaukee.     |
| Mississippi...  | 9,856              | F. Speed, Vicksburg.         | Wyoming....    | 1,167              | W. L. Kuykendall, Saratoga   |
| Missouri.....   | 34,707             | J. D. Vincill, St. Louis.    | Total.....     | 901,968            |                              |
| Montana.....    | 3,325              | Cornelius Hedges, Helena.    |                |                    |                              |
| Nebraska.....   | 12,767             | Francis E. White, Omaha.     |                |                    |                              |

The returns of the Grand Lodges of the United States and British America for 1901-1902 were as follows: Whole number of members, 901,968; raised, 57,793; admissions and restorations, 23,675; withdrawals, 19,668; expulsions and suspensions, 5-42; suspensions for non-payment of dues, 14,293; deaths, 14,400. Gain in membership over preceding year, 24,206.

These Grand Lodges are in full affiliation with the English Grand Lodge, of which the Duke of Connaught is Grand Master, and the Grand Lodges of Ireland, Scotland, Cuba, Peru, South Australia, New South Wales, Victoria, and also with the Masons of Germany and Austria. They are not in affiliation and do not correspond with the Masons under the jurisdiction of the Grand Orient of France; they, however, affiliate with and recognize Masons under the jurisdiction of the Supreme Council. Freemasonry is under the ban of the Church in Spain, Italy, and other Catholic countries, and the membership is small and scattered.

ANCIENT ACCEPTED SCOTTISH RITE MASONS.

SUPREME COUNCIL OF SOVEREIGN GRAND INSPECTORS-GENERAL OF THE THIRTY-THIRD AND LAST DEGREE.

OFFICERS OF THE NORTHERN MASONIC JURISDICTION.

- M. P. Sovereign Grand Commander*..... Henry L. Palmer, Wis.
- P. Gr. Ll.-Com.*—Samuel C. Lawrence, Mass.
- Gr. Treasurer-Gen.*—Newton D. Arnold, R. I.
- Gr. Min. State*—John C. Smith, Ill.
- Gr. Secretary-Gen.*—James H. Coddling, Pa.

The address of the Grand Secretary-General is 133 Stewart Building, New York City.

OFFICERS OF THE SOUTHERN MASONIC JURISDICTION.

- M. P. Sovereign Grand Commander (acting)*..... James D. Richardson, Tenn.
- Secretary-General*..... Frederick Webber, D. C.

The addresses of both of these officers are No. 433 Third Street, N. W., Washington, D. C.

These grand bodies are in relations of amity with the Supreme Councils for France, England, Scotland, Ireland, Belgium, Brazil, the Argentine Republic, Uruguay, Paraguay, Peru, Portugal, Italy, Mexico, Colombia, Chile, Central America, Greece, Canada, Cuba, Switzerland, Egypt, Tunis, and Spain.

SUPREME COUNCIL OF SOVEREIGN GRAND INSPECTORS-GENERAL OF THE THIRTY-THIRD AND LAST DEGREE OF THE ANCIENT AND ACCEPTED SCOTTISH RITE, AS ORGANIZED BY

JOSEPH CERNEAU, THIRTY-THIRD DEGREE, IN THE YEAR 1807.

- M. P. Sovereign Grand Commander*..... Max Scheuer, N. Y.
- Grand Secretary-General*..... Judah Moses, N. Y.

The Sovereign Grand Consistory has had a continuous existence of ninety-five years, with its Grand Orient at New York, where, under the aegis of the Grand Orient of France, it was organized by M. J. Joseph Cerneau, thirty-third degree. The Supreme Council has fraternal relations with the Supreme Councils of Great Britain and Ireland, Canada, Italy, Egypt, Cuba, Argentina, Australia, New Zealand, Mexico, Belgium, Germany, and Switzerland, and other Grand Orients. It has jurisdiction over seventy subordinate Consistories of Sublime Princes of the Royal Secret, which are subdivided into Lodges of Perfection, Councils of Princes of Jerusalem, Chapters of Rose Croix, and Consistories, with a membership of many thousands. The two Consistories in the Borough of Manhattan are Cerneau, No. 1, with over a thousand Sublime Princes, and Giordano Bruno, No. 66, working in the Italian language. The official address of the Supreme Council is No. 320 Temple Court, Beekman Street, New York City.

## FREEMASONRY—Continued.

## ROYAL ARCH MASONS.

OFFICERS OF THE GENERAL GRAND CHAPTER, 1900-1903.

*General Grand High Priest*—James W. Taylor, Luthersville, Ga.  
*Dep. Gen. Grand High Priest*—Arthur G. Pollard, Lowell, Mass.  
*Gen. Grand King*—Joseph E. Dyas, Paris, Ill.  
*Gen. Grand Scribe*—Wm. C. Swain, Milwaukee, Wis.  
*Gen. Grand Treasurer*—John M. Carter, Baltimore, Md.  
*Gen. Grand Secretary*—Christopher G. Fox, Buffalo, Gen. Grand Captain of the Host—Nathan Kingsley, Austin, Minn.

*Gen. Grand Principal Sojourner*—Bernard G. Witt, Henderson, Ky.  
*Gen. Grand Royal Arch Captain*—George E. Corson, Washington, D. C.  
*Gen. Grand Master 3d Vail*—Frederick W. Craig, Des Moines, Iowa.  
*Gen. Grand Master 2d Vail*—William F. Kuhn, Kansas City, Mo.  
*Gen. Grand Master 1st Vail*—Bestor G. Brown, Topeka, Kan.

The office of the General Grand Secretary is at Buffalo, N. Y.

The number of grand chapters, each representing a State or Territory (except Pennsylvania and Virginia), is 44, and the number of enrolled subordinate chapters is 2,600, exclusive of 24 subordinate chapters in the Territories of the United States, the Sandwich Islands, Porto Rico, Chile, and the Chinese Empire, which are under the immediate jurisdiction of the General Grand Chapter.

The total membership of the enrolled subordinate chapters is 206,830. The degrees conferred in Chapters are Mark Master, Past Master, Most Excellent Master, and Royal Arch Mason. The next triennial meeting will be held October 6, 1903, at Little Rock, Ark.

## KNIGHTS TEMPLARS.

OFFICERS OF THE GRAND ENCAMPMENT OF THE UNITED STATES OF AMERICA.

*Grand Master*—Henry B. Stoddart, Tex.  
*Deputy Grand Master*—George H. Moulton, Ill.  
*Grand Generalissimo*—H. W. Rugg, R. I.  
*Grand Captain-General*—William B. Mellish, O.

*Grand Senior Warden*—Joseph A. Locke, O.  
*Grand Junior Warden*—Frank H. Thomas, D. C.  
*Grand Treasurer*—H. Wales Lluens, Ct.  
*Grand Recorder*—John A. Gerow, Detroit, Mich.

The office of the Grand Recorder is at Detroit, Mich.

The number of grand commanderies in the United States and Territories, each representing individual States and Territories (except that Massachusetts and Rhode Island are combined), is 43.

The number of commanderies under the jurisdiction of the Grand Encampment is 1,059; membership, 126,048. These are exclusive of subordinate commanderies in Delaware, Idaho, Nevada, New Mexico, Sandwich Islands, South Carolina, and Utah, with a membership of 1,412. Total membership, 127,460. The next triennial conclave (the twenty-ninth) will be held in 1904.

The orders conferred in a commandery of Knights Templar are Red Cross, Knight Templar, and Knight of Malta. A Mason to obtain these orders must be a Master Mason and Royal Arch Mason in good standing, and a member of both lodge and chapter.

## COLORED MASONIC BODIES.

There are thirty-one grand lodges in as many different States of the United States and one in Canada. The Prince Hall Grand Lodge, of Massachusetts, is the oldest lodge, having been organized in the year 1808. It was the outgrowth of African Lodge, No. 459, the warrant for which was granted to Prince Hall and fifteen other colored Masons September 24, 1784. The number of colored Masons in the United States and Canada is 39,253; Royal Arch, 14,000; Knights Templar, 12,000; Nobles of the Mystic Shrine, 1,326; Ancient Accepted Scottish Rite Masons, 5,712. The Grand Lodge of New York, organized in 1848, has jurisdiction over twenty-eight lodges, located in different parts of the State. The total membership is about 1,300. E. V. C. Eato, Grand Master, 663½ President Street, Brooklyn; Benj. Myers, Grand Secretary.

## SOVEREIGN SANCTUARY OF ANCIENT AND PRIMITIVE FREEMASONRY.

RITE OF MEMPHIS—IN AND FOR THE CONTINENT OF AMERICA.

*M. I. Grand Master-General*... H. G. Goodale, 960 | *V. I. Grand Chancellor-General*, J. S. Phillips, 950  
*V. I. Grand Administrator-General*, W. F. Ford, 950 | *V. I. Grand Secretary-General*, E. T. Stewart, 950

J. Adelphi Gottlieb, M. A., M. D., LL. D., Legate of the M. I. Grand Master-General and Sovereign Sanctuary to Foreign Countries. M. A. Gottlieb, 950, Deputy Grand Representative and Assistant Grand Examiner Mystic Temple. Office of Deputy Grand Secretary-General and Grand Examiner of the Mystic Temple, State of New York, 304 West One Hundred and Fourth Street, New York City.

The Sovereign Sanctuary is composed of Masons who have received the 95th degree of Patriarch Grand Conservator of the Rite; and has jurisdiction over the continent of America. It was formally instituted in the United States in the year 1856. The American body is in affiliation with the various Masonic powers of the world and has a regular exchange of Representatives with England, Ireland, New Zealand, Italy, Spain, Roumania, Egypt, etc. The Degrees of the Rite, which are ninety of instruction and seven official, are conferred in the subordinate bodies of the Rite thus: Fourth to 18th degree in a Chapter Rose Croix; 19th to 42d degree in a Senate of Hermetic Philosophers; 43d to 90th degree in a Council of Sublime Masters of the Great Work.

## Nobles of the Mystic Shrine.

The Ancient Arabic Order of the Nobles of the Mystic Shrine is not a regular Masonic body, but its membership is composed strictly of Masons who have reached the 32d degree, A. A. S. Rite (18th degree in England), or Knights Templars in good standing. There are 85 temples in the United States, and a total membership of about 70,000.

The following are the imperial officers for the United States for 1902-03: *Imperial Potentate*, Henry C. Akin, Omaha, Neb.; *Imperial Deputy Potentate*, George H. Green, Dallas, Tex.; *Imperial Chief Rabban*, George L. Brown, Buffalo, N. Y.; *Imperial Assistant Rabban*, Henry A. Collins, Toronto, Canada; *Imperial High Priest and Prophet*, Alvah P. Clayton, St. Joseph, Mo.; *Imperial Oriental Guide*, Frank C. Roundy, Chicago, Ill.; *Imperial Treasurer*, William S. Brown, Pittsburgh, Pa.; *Imperial Recorder*, Benjamin W. Rowell, 208 Masonic Temple, Boston, Mass.; *Imperial Ceremonial Master*, Edwin L. Alderman, Marion, Ia.; *Imperial Second Ceremonial Master*, George L. Street, Richmond, Va.; *Imperial Marshal*, Frederick A. Hines, Los Angeles, Cal.; *Imperial Captain of Guards*, Charles A. Tonsor, Brooklyn, N. Y.; *Imperial Outer Guard*, J. Frank Treat, Fargo, N. D.

**Odd Fellowship.**

**SOVEREIGN GRAND LODGE OF THE INDEPENDENT ORDER OF ODD FELLOWS.**

OFFICERS.

- Grand Sire*—John B. Goodwin, Atlanta, Ga.  
*Deputy Grand Sire*—R. E. Wright, Allentown, Pa.  
*Grand Secretary*—J. Frank Grant, Baltimore, Md.  
*Assistant Grand Secretary*—Elvin J. Curry, Baltimore, Md.  
*Grand Treasurer*—M. R. Muckle, Philadelphia, Pa.
- Grand Chaplain*—Rev. J. W. Venable, Hopkinsville, Ky.  
*Grand Marshal*—J. B. Cockrum, Indianapolis, Ind.  
*Grand Guardian*—Edwin L. Pillsbury, Charlestown, Mass.  
*Grand Messenger*—Louis F. Hart, Tacoma, Wash.

**GRAND LODGES AND MEMBERSHIP.**

(Reported to the Annual Communication in 1902.)

| JURISDICTION.        | No. of Members | JURISDICTION.       | No. of Members | JURISDICTION.  | No. of Members |
|----------------------|----------------|---------------------|----------------|----------------|----------------|
| Alabama              | 9,081          | Maine               | 21,151         | Oklahoma       | 5,267          |
| Arizona              | 861            | Maritoba            | 3,804          | Ontario        | 25,640         |
| Arkansas             | 6,424          | Maritime Provinces. | 5,690          | Oregon         | 8,334          |
| British Columbia     | 3,366          | Maryland            | 7,741          | Pennsylvania   | 112,947        |
| California           | 32,521         | Massachusetts       | 52,777         | Quebec         | 3,001          |
| Colorado             | 10,321         | Michigan            | 32,832         | Rhode Island   | 6,170          |
| Connecticut          | 17,681         | Minnesota           | 15,981         | South Carolina | 1,812          |
| Delaware             | 2,524          | Mississippi         | 2,360          | South Dakota   | 4,594          |
| District of Columbia | 1,679          | Missouri            | 37,765         | Tennessee      | 12,875         |
| Florida              | 1,173          | Montana             | 3,991          | Texas          | 15,948         |
| Georgia              | 11,015         | Nebraska            | 12,776         | Utah           | 1,703          |
| Idaho                | 3,123          | Nevada              | 1,264          | Vermont        | 5,702          |
| Illinois             | 60,088         | New Hampshire       | 13,446         | Virginia       | 13,042         |
| Indiana              | 56,415         | New Jersey          | 25,165         | Washington     | 9,830          |
| Indian Territory     | 4,014          | New Mexico          | 981            | West Virginia  | 11,197         |
| Iowa                 | 46,770         | New York            | 85,824         | Wisconsin      | 16,206         |
| Kansas               | 27,080         | North Carolina      | 7,781          | Wyoming        | 1,673          |
| Kentucky             | 11,753         | North Dakota        | 2,801          |                |                |
| Louisiana            | 1,792          | Ohio                | 68,171         | Total          | 905,973        |

The membership of the Independent Order of Odd Fellows, which includes the Grand Lodges of Australasia, Germany, Denmark, Sweden, Switzerland, and the Netherlands, is 1,002,272, female members not included. The American organization is not in affiliation with an English order entitled the Manchester Unity of Odd Fellows, who number 900,668.

The Encampment branch of the Independent Order of Odd Fellows numbers 145,138 members; Rebekah lodges, sisters, 233,826; brothers, 141,158; Chevaliers of the Patriarchs Militant, 16,504.

The next meeting of the Sovereign Grand Lodge will be at Baltimore, Md., September 21-25, 1903. The total relief paid by the Independent Order of Odd Fellows, year ending December 31, 1901, was \$4,106,173.88; brothers relieved, 122,276; widowed families relieved, 5,659; paid for relief of brothers, \$3,090,271.07; for widowed families, \$147,291.16; education of orphans, \$86,518.84; burying the dead, \$781,792.81.

**GRAND UNITED ORDER OF ODD FELLOWS OF AMERICA.**

OFFICERS.

- Grand Master*—E. H. Morris, Chicago, Ill.  
*Deputy Grand Master*—L. L. Lee, Atlanta, Ga.  
*Grand Treasurer*—J. E. Reed, Cleveland, Ohio.  
*Grand Secretary*—C. H. Brooks, Philadelphia, Pa.
- Grand Directors*—George E. Temple, St. Louis, Mo.; L. N. Porter, Little Rock, Ark.; F. A. Leavens, Mobile, Ala.; N. A. Anderson, Natchez, Miss.

This organization is composed of colored Odd Fellows. The following is the statistical report for August 31, 1900: Lodges enrolled, 2,592; households, 1,242; P. G. M. Councils, 181; Patriarchies, 84; D. G. Lodges, 36; juvenile societies, 131 (2,200 members); district households, 17. Total, 4,283.

Members in the lodges, according to last report, 117,500; households, 36,150; P. G. M. Councils, 4,000; Patriarchies, 2,500. Whole number of members, 162,350.

Paid to sick during year, \$198,423.82; paid to widows and orphans, \$40,360.29; paid for funerals, \$96,400. Amount invested and value of property, \$2,150,500.

**Independent Order of Good Templars.**

**THE INTERNATIONAL SUPREME LODGE.**

- E. W. G. Templar*—Jos. Malins, Birmingham, Eng.  
*E. W. G. Counselor*—J. Bergman, Stockholm.  
*E. W. G. V. Templar*—Mrs. M. C. McDonald, Edinburgh, Scotland.  
*E. W. G. S. J. Templars*—Miss Jessie Forsyth, Boston, Mass.  
*E. W. G. Secretary*—B. F. Parker, Milwaukee, Wis.  
*E. W. G. Treasurer*—Herman Blume, Hamburg, Germany.  
*P. R. W. G. Templar*—Dr. D. H. Mann, Brooklyn, N. Y.  
*E. W. G. Chaplain*—Rev. S. J. Chowryappah, Madras, India.
- E. W. G. Marshal*—Gustave Thomassen, Bergen, Norway.  
*E. W. G. D. Marshal*—Mrs. M. Gray, Belfast, Ireland.  
*E. W. G. A. Secretary*—H. Schmidt, Kimberley, South Africa.  
*E. W. G. Guard*—H. Neilson, Rey Kjavik, Iceland.  
*E. W. G. Sentinel*—Robinson Cooke, Perth, West Australia.  
*E. W. G. Messenger*—Miss M. Fisher, Tacoma, Wash.

The last report of the E. W. G. Secretary returned the number of grand lodges in the world as 100, and the membership as 360,068. The membership of the juvenile branch was 172,538. The Good Templars, which is a beneficial order, based on total abstinence, are organized in nearly every State of the Union, England, Ireland, Scotland, Wales, Germany, Denmark, Sweden and Norway, Canada, West Indies, East, West, and South Africa, Australia, New Zealand, British India, Iceland, and other countries. All persons becoming members of the Order are required to subscribe to the following pledge: "That they will never make, buy, sell, use, furnish, nor cause to be furnished to others, as a beverage, any spirituous or malt liquors, wine, or cider, and will discountenance the manufacture and sale thereof in all proper ways." The International Supreme Lodge will hold its next meeting at Belfast, Ireland, August 1, 1905.

## Order of the Sons of Temperance. NATIONAL DIVISION OF NORTH AMERICA.

*M. W. Patriarch*—William H. Williams, Swampscott, Mass.  
*M. W. Associate*—William B. Burgoyne, St. Catharines, Ont.  
*M. W. Scribe*—B. R. Jewell, South Hampton, N. H.  
*M. W. Treasurer*—Marvin M. Eavenson, Philadelphia, Pa.

*M. W. Chaplain*—Rev. S. Foster Grady, Trenton, N. J.  
*M. W. Conductor*—William R. Geldert, Truro, Nova Scotia.  
*M. W. Sentinel*—Wm. D. McCollum, Auburn, Ohio.  
*M. W. Supl. Y. P. Work*—F. M. Bradley, Washington, D. C.

The Order of the Sons of Temperance was organized in the City of New York September 29, 1842. It is composed of subordinate, Grand, and National Divisions. It has five National Divisions—one for North America, one for Great Britain and Ireland, two for Australia, and one for New Zealand. In the course of its existence it has had nearly four million members on its rolls. Its present membership in North America is 34,067, of whom 12,950 are in the United States. Its fundamental principle is total abstinence from all intoxicating liquors. Its next convention will be held at New Haven, Ct., August 11, 1903.

## The Royal Arcanum.

### SUPREME COUNCIL.

*Supreme Regent*—J. A. Langfitt, Pittsburgh, Pa.  
*Supreme Vice-Regent*—A. S. Robinson, St. Louis, Mo.  
*Supreme Orator*—Howard C. Wiggins, Rome, N. Y.  
*Sitting Past Supreme Regent*—W. Holt Apgar, Trenton, N. J.  
*Supreme Secretary*—W. O. Robson, Boston, Mass.

*Supreme Treasurer*—E. A. Skinner, New York.  
*Supreme Auditor*—A. T. Turner, Massachusetts.  
*Supreme Chaplain*—U. W. Tompkins, N. Y. City.  
*Supreme Warden*—Isaac W. Cailfield, N. Y. City.  
*Supreme Sentry*—E. H. Leisenring, Pennsylvania.  
*Legal Adviser*—John Haskell Butler, Boston, Mass.

The membership of the Order October 31, 1902, was 249,644; the number of grand councils, 27, and subordinate councils, 2,004. The Supreme Council was organized at Boston June 23, 1877, and incorporated under the laws of Massachusetts. Number of deaths to October 31, 1902, 25,714. Benefits paid to October 12, 1902, \$73,817,678.69. Emergency fund, October 31, 1902, \$1,813,141.30.

## Knights of Pythias.

### SUPREME LODGE.

*Supreme Chancellor*—Tracy R. Bangs, N. Dak.  
*Supreme Vice-Chancellor*—Chas. E. Shively, Ind.  
*Supreme Prelate*—George E. Church, California.  
*Supreme Keeper of Records and Seal*—R. L. C. White, Nashville, Tenn.  
*Supreme Master of Eschequer*—Thomas B. Matthews, North Carolina.

*Supreme Master at Arms*—L. H. Farnsworth, Utah  
*Supreme Inner Guard*—Cyrus W. Hall, W. Va.  
*Supreme Outer Guard*—J. W. Thompson, D. C.  
*President Board of Control, Endowment Rank*—C. F. S. Neal, Illinois.  
*Major-General Uniform Rank*—James R. Carnahan, Indiana.

### MEMBERSHIP, JANUARY 1, 1902.

|                  |        |                  |        |                  |        |                   |        |                         |         |
|------------------|--------|------------------|--------|------------------|--------|-------------------|--------|-------------------------|---------|
| Alabama.....     | 8,221  | Illinois.....    | 46,628 | Michigan.....    | 13,921 | N. Dakota.....    | 2,220  | Vermont.....            | 1,645   |
| Arizona.....     | 1,155  | Indiana.....     | 44,743 | Minnesota.....   | 8,443  | Ohio.....         | 62,350 | Virginia.....           | 5,102   |
| Arkansas.....    | 5,222  | Kansas.....      | 2,335  | Mississippi..... | 6,282  | Oklahoma.....     | 2,046  | Washington.....         | 4,859   |
| B. Columbia..... | 1,718  | Kentucky.....    | 27,570 | Missouri.....    | 21,561 | Ontario.....      | 1,328  | W. Virginia.....        | 9,457   |
| California.....  | 13,035 | Louisiana.....   | 12,174 | Montana.....     | 2,995  | Oregon.....       | 4,570  | Wisconsin.....          | 8,578   |
| Colorado.....    | 6,958  | Maine.....       | 6,785  | Nebraska.....    | 6,823  | Pennsylv'nia..... | 42,895 | Wyoming.....            | 924     |
| Connecticut..... | 6,409  | Manitoba.....    | 6,435  | Nevada.....      | 936    | Rhode Island..... | 2,770  | Subordinate Lodges..... | 745     |
| Delaware.....    | 988    | Mar. Prov's..... | 13,956 | New Hamp.....    | 5,656  | S. Carolina.....  | 6,045  | Total.....              | 540,138 |
| Dis. of Col..... | 1,419  | Maryland.....    | 433    | New Jersey.....  | 13,554 | S. Dakota.....    | 2,207  |                         |         |
| Florida.....     | 3,996  | Maryland.....    | 1,747  | New Mexico.....  | 1,123  | Tennessee.....    | 9,486  |                         |         |
| Georgia.....     | 7,752  | Maryland.....    | 7,479  | New York.....    | 20,361 | Texas.....        | 18,368 |                         |         |
| Idaho.....       | 1,621  | Massach'tts..... | 17,883 | N. Carolina..... | 5,036  | Utah.....         | 1,207  |                         |         |

Membership of the Endowment Rank (Life Insurance Branch), 59,211, representing an endowment of \$102,419,500. The office of the Supreme Keeper of Records and seal is at Nashville, Tenn. The next convention of the Supreme Lodge will be held at Louisville, Ky., August 16, 1904.

## Membership of Fraternal Organizations.

ACCORDING to the last reports of the supreme bodies of these organizations to THE WORLD ALMANAC, the membership of the principal fraternal organizations in the United States and Canada is as follows:

|                                              |           |                                            |           |
|----------------------------------------------|-----------|--------------------------------------------|-----------|
| Odd Fellows.....                             | 1,083,473 | Knights of Honor.....                      | 54,029    |
| Freemasons.....                              | 941,221   | Improved Order of Heptasophs.....          | 52,825    |
| Ancient Order of Foresters.....              | 928,035   | Order of United American Mechanics.....    | 44,730    |
| Modern Woodmen of America.....               | 701,655   | Brith Abraham Order.....                   | 40,056    |
| Knights of Pythias.....                      | 540,138   | Catholic Benevolent Legion.....            | 38,286    |
| Ancient Order of United Workmen.....         | 430,000   | Sons of Temperance.....                    | 34,067    |
| Woodmen of the World.....                    | 317,000   | Knights of Columbus.....                   | 32,790    |
| Knights of the Maccabees.....                | 294,000   | New England Order of Protection.....       | 31,564    |
| Improved Order of Red Men.....               | 259,401   | Independent Order of B'nai B'rith.....     | 30,000    |
| Royal Arcanum.....                           | 249,644   | Knights of Malta.....                      | 27,000    |
| Foresters of America.....                    | 210,000   | Catholic Knights of America.....           | 24,000    |
| Independent Order of Foresters.....          | 200,000   | United Order of Pilgrim Fathers.....       | 22,345    |
| Ancient Order of Hibernians of America.....  | 139,453   | United Ancient Order of Druids.....        | 19,435    |
| Benevolent and Protective Order of Elks..... | 130,000   | Star of Bethlehem Order.....               | 18,650    |
| Junior Order of United Amer. Mechanics.....  | 112,000   | Mystic Circle.....                         | 15,908    |
| Knights of the Modern Maccabees.....         | 102,068   | Independent Order Free Sons of Israel..... | 15,000    |
| Ladies' Catholic Benevolent Association..... | 77,425    | Irish Catholic Benevolent Union.....       | 14,000    |
| Knights of the Golden Eagle.....             | 72,597    | American Legion of Honor.....              | 6,356     |
| National Union.....                          | 63,757    | Smaller organizations not reported.....    | 34,722    |
| Knights and Ladies of Honor.....             | 63,000    |                                            |           |
| Tribes of Ben Hur.....                       | 54,836    |                                            |           |
|                                              |           | Total.....                                 | 7,546,636 |



## Statistics of Principal Fraternal Organizations.

**American Legion of Honor.**—Founded 1878; grand councils, 3; sub-councils, 266; members, 6,386; benefits disbursed since organization, \$42,192,500; benefits disbursed last fiscal year, \$628,156; Supreme Commander, Wm. N. Davenport, Boston; Supreme Secretary, Adam Warnock, Boston; Supreme Treasurer, George W. Kendrick, Jr., Philadelphia.

**Ben Hur, Tribe of.**—Founded 1894; Supreme Temple, Crawfordsville, Ind.; subordinate courts, 1,000; members, 54,836; benefits disbursed since organization, \$1,347,167; benefits disbursed last fiscal year, \$401,306; upreme Chief, D. W. Gerard, Crawfordsville, Ind.; Supreme Scribe, F. L. Snyder, Crawfordsville, Ind.; Supreme Keeper of Tribute, S. E. Voris, Crawfordsville, Ind.

**B'nai B'rith, Independent Order of.**—Founded 1843; grand lodges, 10; subordinate lodges, 470; members, 30,000; benefits disbursed last fiscal year, \$450,000; President, Leo N. Levi, 27 Pine Street, New York City; Vice-President and Treasurer, Jacob Furth, Cleveland, O.; Secretary, Solomon Sulzberger, 7 Beekman Street, New York.

**Brith Abraham Order.**—Founded 1859; grand lodge, 1; sub-lodges, 267; members, 40,056; benefits disbursed since organization, \$1,631,187; benefits disbursed last fiscal year, \$153,500; Grand Master, Samuel Dorf, New York City; First Deputy Grand Master, Joseph C. Black, Cleveland, O.; Secretary, Leonard Leisersohn, New York City; Treasurer, Samuel Wolf, Brooklyn, N. Y.

**Catholic Benevolent Legion.**—Founded 1881; State councils, 7; subordinate councils, 525; members, 38,286; benefits disbursed since organization, \$14,184,698; benefits disbursed last fiscal year, \$1,520,323; President, R. B. Tippet, Baltimore, Md.; Secretary, J. D. Carroll, Brooklyn Borough, New York City; Treasurer, James Rowe, Newark, N. J.

**Catholic Knights of America.**—Founded 1877; State councils, 43; subordinate councils, 605; members, 24,000; benefits disbursed since organization, \$11,517,418; benefits disbursed last fiscal year, \$723,309; Supreme President, P. J. O'Connor, Savannah, Ga.; Supreme Vice-President, Wm. Blakeslee, Hallettsville, Tex.; Supreme Secretary, Joseph C. Carroll, St. Louis, Mo.; Supreme Treasurer, Chas. E. Hannauer, St. Louis, Mo.

**Druids, United Ancient Order of.**—Founded 1781 (in England), 1839 (in America); number of grand groves, 17; sub-groves, 445; total number of members (in America), 19,435; benefits disbursed in America since 1847, \$4,994,162 (to May 1, 1902); benefits disbursed last fiscal year, \$266,351; Supreme Arch, C. R. Panter, New Orleans, La.; Supreme Secretary, H. Freudenthal, Albany, N. Y.; Supreme Treasurer, Louis Krauss, La Fayette, Ind.

**Elks, Benevolent and Protective Order of.**—Founded 1868; grand lodge, 1; sub-lodges, 820; members in the United States, 130,000; benefits disbursed since organization, \$1,250,000; benefits disbursed last fiscal year, \$150,000; Grand Exalted Ruler, G. P. Cronk, Omaha, Neb.; Secretary, G. A. Reynolds, Saginaw, Mich.; Treasurer, S. H. Nuds, Cleveland, O.

**Foresters, Ancient Order of.**—Founded 1745; established in America 1836. The American branch is composed of 3 high courts and 412 subordinate courts, and has 38,910 members. Total membership throughout the world 928,035, as stated by the Foresters' Directory December 31, 1901. The surplus funds of the society amounted to \$35,864,165, and its assets aggregated over \$76,000,000. Benefits disbursed since 1836, \$115,500,000; benefits disbursed last fiscal year, \$5,000,000. Officers of the American branch are as follows: High Chief Ranger, E. A. Hayes, Buffalo, N. Y.; High Sub-Chief Ranger, Harry Prout, Troy, N. Y.; High Court Treasurer, William A. Hunter, Manhattan Borough, New York; High Court Secretary, Robert A. Sibbald, Park Ridge, N. J.

**Foresters of America.**—Is a distinct organization, not in affiliation with the above. Its present jurisdiction is limited to the United States. Founded 1864, reorganized 1889; grand courts, 20; sub-courts, 1,670; members, 210,000; benefits disbursed since organization, \$9,641,476; benefits disbursed last fiscal year, \$1,120,769; Supreme Chief Ranger, T. F. Donahue, Providence, R. I.; Supreme Sub-Chief Ranger, W. A. Hogan, Lowell, Mass.; Supreme Treasurer, H. W. Mace, Philadelphia, Pa.; Supreme Secretary, E. M. McMurtry, Brooklyn Borough, New York City; Supreme Recording Secretary, W. Duge, Brooklyn Borough, New York City.

**Foresters, Independent Order of.**—Founded 1874; supreme court, 1; subordinate courts, 5,000; members, 200,000; benefits disbursed since organization, \$12,000,000; benefits disbursed last fiscal year, \$1,730,920; Supreme Chief Ranger, Oronhyatekha, M. D., Toronto, Ontario; Vice-Chief Ranger, J. D. Clark, Dayton, O.; Secretary, John A. Gillivray, Toronto; Treasurer, Harry A. Collins, Toronto.

**Free Sons of Israel, Independent Order of.**—Founded 1849; grand lodges, 3; subordinate lodges, 103; members, 15,000; benefits disbursed since organization, \$7,165,000; benefits disbursed last fiscal year, \$220,000; Grand Master, M. S. Stern, 2013 Fifth Avenue, New York City; Deputy Grand Master, S. Hoffheimer, New York City; Secretary, I. H. Goldsmith, New York City; Treasurer, Louis Frankenthaler, New York City.

**Good Fellows, Royal Society of.**—Founded 1882; grand assemblies, 4; subordinate assemblies, 212; members, 6,500; benefits disbursed since organization, \$4,725,916; benefits disbursed last fiscal year, \$308,375; Premier, J. H. McGregor, Montague, Me.; Vice-Premier, W. H. Apgar, Trenton, N. J.; Secretary, A. J. Bates, Boston; Treasurer, James G. Whitehouse, Providence, R. I.

**Heptasophs, Improved Order.**—Founded 1878; conclaves, 722; members, 52,825; benefits disbursed since organization, \$6,975,019; benefits disbursed last fiscal year, \$944,615; Supreme Archon, M. G. Cohen, Pittsburgh, Pa.; Supreme Provost, C. G. Boland, Scranton, Pa.; Supreme Secretary, Samuel H. Tattersall, Baltimore, Md.; Supreme Treasurer, C. H. Ramsay, Boston.

**Hibernians of America, Ancient Order of.**—Founded 1836; one National Board; subordinate divisions, 2,002; members, 139,453; benefits disbursed last fiscal year, \$429,000; National President, J. T. Keating, Chicago, Ill.; National Vice-President, J. E. Dolan, Syracuse, N. Y.; National Secretary, James P. Bree, New Haven, Ct.; National Treasurer, M. J. O'Brien, Richmond, Ind.

**Home Circle.**—Founded 1879; grand councils, 2; sub-councils, 217; members, 5,600; benefits disbursed since organization, \$2,424,126; benefits disbursed last fiscal year, \$118,235; Supreme Leader, J. Varnum Abbott, Dedham, Mass.; Secretary, Julius M. Swain, Boston, Mass.; Treasurer, John Haskell Butler, Boston, Mass.

## STATISTICS OF PRINCIPAL FRATERNAL ORGANIZATIONS—Continued.

**Irish Catholic Benevolent Union.**—Founded 1869; subordinate societies, 149; members, 14,000; benefits disbursed since organization, \$2,124,208; benefits disbursed last fiscal year, \$45,371.71; President, Daniel Duffy, St. Clair, Pa.; First Vice-President, Dennis E. McCallum, Providence, R. I.; Treasurer, Thomas J. Foley, Gloucester, N. J.; Secretary, John E. Davis, Philadelphia. (Report of 1901-1902.)

**Knights of Columbus.**—Founded 1882; members, 32,790; benefits disbursed last fiscal year, \$234,000; President, Edward L. Hearn; Secretary, Daniel Colwell, New Haven, Ct.

**Knights and Ladies of Honor.**—Founded 1877; grand lodges, 16; sub-lodges, 1,160; members, 63,000; benefits disbursed since organization, \$19,000,000; benefits disbursed last fiscal year, \$1,173,000; Supreme Protector, L. E. Lockard, Toledo, O.; Secretary, C. W. Harvey, Indianapolis, Ind.; Treasurer, George A. Byrd, Indianapolis, Ind.

**Knights of Honor.**—Founded 1873; grand lodges, 36; subordinate lodges, 1,918; members, 54,029; benefits disbursed since organization, \$78,094,864; benefits disbursed last fiscal year, \$3,074,649; Supreme Dictator, D. S. Biggs, Boston, Mass.; Supreme Vice-Dictator, J. C. Sheppard, Edgefield, S. C.; Supreme Reporter, Noah M. Givan, Harrisonville, Mo.; Supreme Treasurer, Joseph W. Branch, St. Louis, Mo.

**Knights of Malta, Ancient and Illustrious Order.**—Founded in Jerusalem, 1048; in America, 1889; grand commanderies, 5; sub-commanderies, 233; members, 27,000; benefits disbursed last fiscal year, \$40,502; Supreme Commander, Geo. S. Jones, Boston; Supreme Recorder, Frank Gray, Philadelphia, Pa.; Supreme Treasurer, W. J. Rugh, Pittsburgh, Pa.

**Knights of St. John and Malta.**—Founded 1883; grand encampment, 1; subordinate encampments, 68; members, 3,237; benefits disbursed since organization, \$551,135; benefits disbursed last fiscal year, \$65,014; Grand Commander, Charles Hayward, Wilmington, Del.; Lieutenant-Grand Commander, Ed. P. Campbell, Brooklyn, N. Y.; Grand Chancellor, Francis Houghtaling, New York; Grand Almoner, Arthur H. Titus, New York City.

**Knights of the Golden Eagle.**—Founded 1873; grand castles, 15; sub-castles, 800; members, 72,597; benefits disbursed last fiscal year, \$231,794; Supreme Chief, Jenkin Hill, Reading, Pa.; Master of Records, A. C. Lyttle, Philadelphia, Pa.; Keeper of the Exchequer, William Culbertson, Philadelphia, Pa.

**Knights of the Maccabees.**—Founded 1883; grand tents, 6; subordinate tents and hives, 4,300; members, 294,000; benefits disbursed since organization, \$14,159,246; benefits disbursed last fiscal year, \$2,178,124; Supreme Commander, D. P. Markey; Supreme Lieutenant-Commander, S. W. Trusler, Camlachie, Ont.; Supreme Record Keeper, G. J. Siegle; Supreme Finance Keeper, L. E. Sisler. All officers are located at Port Huron, Mich., except Lieutenant-Commander.

**Knights of the Modern Maccabees** (original order).—Founded in 1881; subordinate tents, 975 members, 102,868; total benefits paid to September 1, 1902, \$6,706,688.33; benefits disbursed last fiscal year, \$941,578.45; Great Commander, N. S. Boynton, Port Huron, Mich.; Great Lieutenant-Commander, Charles H. Thomas, Hastings, Mich.; Great Record Keeper, A. M. Slay, Port Huron, Mich.; Great Finance Keeper, Robert J. Whaley, Flint, Mich.

**Ladies' Catholic Benevolent Association.**—Founded 1889; subordinate branches, 780; members, 77,425; benefits disbursed since organization, \$2,224,459; benefits disbursed last fiscal year, \$408,500; Supreme President, Mrs. E. B. McGowan, Buffalo, N. Y.; Supreme Recorder, Mrs. J. A. Royer, Erie, Pa.; Supreme Treasurer, Mrs. Felice M. Girardot, Detroit, Mich.

**Mystic Circle, The Fraternal.**—Founded 1884; grand rulings, 8; subordinate rulings, 452; members, 15,908; benefits disbursed since organization, \$1,962,009; benefits disbursed last fiscal year, \$219,961; Supreme Mystic Ruler, F. H. Duckwitz, Philadelphia, Pa.; Recorder, J. D. Myers, Philadelphia, Pa.; Treasurer, A. H. Swartz, Philadelphia, Pa.

**National Provident Union.**—Founded 1883; sub-councils, 54; members, 3,117; benefits disbursed since organization, \$1,962,876; benefits disbursed last fiscal year, \$100,892; President, William Herries, Brooklyn, N. Y.; Vice-President, Austin F. Knowles, Elizabeth, N. J.; Secretary, Frank E. Currier, Brooklyn, N. Y.; Treasurer, A. C. Jacobson, Brooklyn, N. Y.

**National Union.**—Founded 1881; sub-councils, 850; members, 63,757; benefits disbursed since organization, \$15,825,968; benefits disbursed last fiscal year, \$1,674,750; President, M. G. Jeffris, Janesville, Wis.; Vice-President, Wm. Briggs, Washington, D. C.; Secretary, J. W. Myers, Toledo, O.; Treasurer, Charles O. Everts, Cleveland, O.

**New England Order of Protection.**—Founded 1887; grand lodges, 6; sub-lodges, 335; members, 31,854; benefits disbursed since organization, \$3,213,000; benefits disbursed last fiscal year, \$485,000; Supreme Warden, James H. Flint, Boston, Mass.; Supreme Secretary, D. M. Frye, Somerville, Mass.; Supreme Treasurer, John P. Sanborn, Newport, R. I.

**Pilgrim Fathers, United Order of.**—Founded 1879; supreme colony, 1; subordinate colonies, 217; members, 22,345; benefits disbursed since organization, \$4,564,080; benefits disbursed last fiscal year, \$440,150; Supreme Governor, H. S. Treadwell, South Boston, Mass.; Supreme Secretary, Nathan Crary, Lawrence, Mass.; Supreme Treasurer, A. V. Bugbee, Lawrence, Mass.

**Rechabites, Independent Order of.**—Founded 1835 in England, 1842 (in America); number of tents in America, 3; sub-tents, 34; members in America, 2,500; in world, 275,000; benefits disbursed last fiscal year in America, \$3,500; in world, \$795,000; High Chief Ruler, John Abbott, Jr., Lonaconing, Md.; High Deputy Ruler, H. E. Wagus, Midland, Md.; High Secretary, James H. Dony, Washington, D. C.; High Treasurer, William B. Kelly, Washington, D. C.

**Red Men, Improved Order of.**—Founded 1763 and 1834; great councils, 53; tribes, 3,429; members, 289,401; benefits disbursed since organization, \$17,946,007; benefits disbursed last fiscal year, \$585,292; Great Inchoonee, Thos. G. Harrison, Indianapolis, Ind.; Great Senior Sagamore, Thos. H. Watts, Montgomery, Ala.; Great Junior Sagamore, John W. Cherry, Norfolk, Va.; Great Chief of Records, Wilson Brooks, Chicago, Ill.; Great Keeper of Wampum, Wm. Provin, Westfield, Mass.

**Royal Templars of Temperance.**—Founded 1870; grand councils, 9; select councils, 541; members, 23,641; benefits disbursed since organization, \$7,932,750; benefits disbursed last fiscal year, \$337,750; Supreme Councilor, Frank D. Muse, Buffalo, N. Y.; Supreme Vice-Councilor,

STATISTICS OF PRINCIPAL FRATERNAL ORGANIZATIONS—Continued.

Chas. A. Stedman, Cleveland, O.; Supreme Treasurer, Merchants' Bank, Buffalo, N. Y.; Supreme Secretary, E. B. Rew, Buffalo, N. Y. (Report at close of 1901.)

**Scottish Clans, Order of.**—Founded 1878; grand clans, 2; subordinate clans, 110; members, 6,885; benefits disbursed since organization, \$750,000; benefits disbursed last fiscal year, \$61,600; Royal Chief, W. H. Steen, Braidwood, Ill.; Royal Secretary, Peter Kerr, Boston, Mass.; Royal Treasurer, John Hill, St. Louis, Mo.

**Star of Bethlehem, Order of the.**—Permanently established in America 1869; Eminent Grand Commandery of N. A. reorganized and incorporated in 1884; subordinate lodges, 278; members, 18,600; insurance auxiliary, The Eastern Star Benevolent Fund, 2,900 members; H. C. Judson, Detroit, Mich.; Scribe, T. C. Crowe, Detroit, Mich.

**United American Mechanics, Order of.**—Founded 1845; State councils, 17; sub-councils, 676; members, 44,730; National Councilor, G. M. White, 840 East One Hundred and Thirty-seventh Street, New York City; National Secretary, John Server, Philadelphia, Pa.; National Treasurer, Joseph H. Shinn, Camden, N. J.

**United American Mechanics, Junior Order of.**—Founded 1853; State councils, 33; sub-councils, 1,314; members, 112,000; benefits disbursed since organization, \$4,288,920; benefits disbursed last fiscal year, \$393,392; National Councilor, Geo. B. Bowers, Altoona, Pa.; Vice-Councilor, J. L. Cooper, Fort Worth, Tex.; Secretary, E. S. Deemer, Philadelphia, Pa.; Treasurer, J. A. Sohl, Baltimore, Md.

**United Workmen, Ancient Order of.**—Founded 1868; grand lodges, 40; sub-lodges, 5,462; members, 430,000; benefits disbursed since organization, \$120,000,000; benefits disbursed last fiscal year, \$9,473,274; Master Workman, Webb McNall, Gaylord, Kan.; Recorder, M. W. Sackett, Meadville, Pa.; Receiver, John J. Acker, Albany, N. Y.

**Woodmen of America, Fraternity of Modern.**—Founded 1883; head camp, 1; local camps, 10,785; members, 701,655; benefits disbursed since organization, \$27,508,384; benefits disbursed last fiscal year, \$5,270,000; Head Consul, W. A. Northcott, Greenville, Ill.; Head Clerk, C. W. Hawes, Rock Island, Ill.; Head Banker, R. R. Smith, Brookfield, Mo.

**Woodmen of the World.**—Founded 1891; head camps, 8; local camps, 4,108; members, 317,000; benefits disbursed since organization, \$11,570,000; benefits disbursed last fiscal year, \$2,680,000; Sovereign Commander, Joseph Cullen Root, Omaha, Neb.; Sovereign Adviser, F. A. Falkenburg, Denver, Col.; Clerk, John T. Yates, Omaha, Neb.; Banker, Morris Sheppard, Texarkana, Tex.

State Flowers.

THE following are "State Flowers," as adopted in most instances by the vote of the public school scholars of the respective States:

|                 |                            |                             |               |
|-----------------|----------------------------|-----------------------------|---------------|
| Alabama.....    | Golden Rod                 | Mississippi.....            | Magnolia      |
| Arizona.....    | Sesuoia Cactus             | Missouri.....               | Golden Rod    |
| Arkansas.....   | *Apple Blossom             | Montana.....                | Bitter Root   |
| California..... | *California Poppy          | Nebraska.....               | *Golden Rod   |
| Colorado.....   | Purple and White Columbine | New Jersey, State tree..... | Sugar Maple   |
| Delaware.....   | Peach Blossom              | New York.....               | .....Rose     |
| Georgia.....    | Cherokee Rose              | North Dakota.....           | Golden Rod    |
| Idaho.....      | Syringia                   | Oklahoma Territory.....     | Mistletoe     |
| Illinois.....   | .....Rose                  | Oregon.....                 | Oregon Grape  |
| Iowa.....       | Wild Rose                  | Rhode Island.....           | Violet        |
| Kansas.....     | Sunflower                  | Texas.....                  | *Blue Bonnet  |
| Louisiana.....  | *Magnolia                  | Utah.....                   | Sego Lily     |
| Michigan.....   | Apple Blossom              | Vermont.....                | *Red Clover   |
| Minnesota.....  | Moccasin                   | Washington.....             | †Rhododendron |

In other States the scholars or State Legislatures have not yet taken action. In Kansas the Sunflower is usually known as the State flower.

\*Adopted by State Legislature, not by public school scholars. †Adopted by the women's clubs of the State.

Christian Science.

THE Christian Scientists reported in May, 1900, that there were 377 churches of the faith in the United States and 90,000 adherents. It is claimed that since that date additional churches have been built and the number of adherents has largely increased. There are flourishing churches in London, England; Paris, France; Dresden, Berlin, and Hanover, Germany, and in Canada, Brazil, and Scotland. The mother church is located in Boston, Mass., and those all over the country are its branches. Their services are uniform, consisting of two meetings on Sunday and one on Wednesday evening. No sermons are preached by a personal pastor, but a sermon made up of selections from the Bible and "Science and Health," with key to the Scriptures, is read by two readers, called the first and second readers.

Mrs. Laura Lathrop, C. S. D., of New York, has made the following statement of the claims made in behalf of Christian Science: This church is emphatically a healing church, and many cases of restoration to health have been testified to during the past few years, brought about by attendance on one of these meetings. Christian Science is demonstrable Christianity. Through the spiritual understanding of the teachings of Christ Jesus, its followers are enabled to obey His command to "heal the sick" and do the works He and His disciples did. The omnipotence, omnipresence, and omniscience of God are proved to be true. Christian Science is not mind-cure, as that is popularly understood, because it recognizes but one mind, God. It is not faith-cure, because it does not perform its wonderful works through blind faith in a personal god, but through the understanding of man's relation to God. It is not mesmerism or hypnotism, because it denies absolutely the power of the human mind and human will, and claims no will but God's. Through recognizing the one mind and the man as the reflection of that mind, it forever establishes the brotherhood of man. It is the perfect salvation from sin, disease, and death Christ Jesus came to bring. In "Rudimental Divine Science," Mrs. Eddy defines Christian Science "as the law of God, the law of good, interpreting and demonstrating the principle and rule of eternal harmony."

**Theosophy.****THE UNIVERSAL BROTHERHOOD.**

THE Universal Brotherhood for the benefit of the people of the earth and all creatures was founded by Katherine A. Tingley, January 13, 1898, at New York City. This organization is the outgrowth and expansion of the Theosophical Society founded by H. P. Blavatsky, W. Q. Judge, and others at New York in 1875 and reorganized under William Q. Judge at its annual convention at Boston, Mass., in 1895. The constitution of the Universal Brotherhood was adopted by the Theosophical Society in America at its annual convention held in Chicago February 18, 1898, by which act the Theosophical Society in America became the Literary Department of the Universal Brotherhood.

The Universal Brotherhood, or the Brotherhood of Humanity, declares that brotherhood is a fact in nature. The principal purpose of the organization is to teach brotherhood, demonstrate that it is a fact in nature, and make it a living power in the life of humanity. Its subsidiary purpose is to study ancient and modern religion, science, philosophy, and art, to investigate the laws of nature and the divine powers in man. It declares in its constitution that every member has a right to believe or disbelieve in any religious system or philosophy, each being required to show that tolerance for the opinions of others which he expects for his own.

There are over 150 lodges of the Universal Brotherhood in the United States and Canada, also lodges in England, Ireland, Sweden, Holland, France, Germany, Greece, India, Australia, and New Zealand. The central office of the organization is at Point Loma, San Diego, Cal.

The officers are: Katherine A. Tingley, *Leader and Official Head*; Frank M. Pierce, *Secretary General*; E. Aug. Neresheimer, *Treasurer*.

**THE THEOSOPHICAL SOCIETY IN AMERICA.**

The Theosophical Society in America is the Literary Department of the Universal Brotherhood. Its principal purpose is to publish and disseminate literature relating to Theosophy, brotherhood, ancient and modern religions, philosophies, sciences, and arts. Its subsidiary purpose is to establish and build up a great library in which shall be gathered ancient and modern literature of value to the great cause of universal brotherhood.

The headquarters of the Theosophical Society in America are at Point Loma, San Diego, Cal. *President*, E. Aug. Neresheimer.

**The Salvation Army.**

This is a body of men and women organized in the form of a military force, its object being the evangelization of the unchurched masses. It has its International Headquarters at 101 Queen Victoria Street, London, E. C., England, and the headquarters for the United States at 120 West Fourteenth Street, New York City. Its officers are: General, chief-of-staff, commissioner, or commander, colonel, brigadier, major, staff captain, adjutant, ensign, captain, and lieutenant.

The Salvation Army, known originally as the Christian Mission, was created at Mile End, London, July 5, 1865, by the Rev. William Booth, a minister of the "Methodist New Connection." The present name was adopted in 1878. At first treated with a good deal of derision and occasionally with violence from the classes among which it worked, its earnestness and remarkable achievements have gradually won the respect and encouragement of many of the most prominent divines and laymen of the evangelical denominations.

William Booth is the general and commander-in-chief of the forces throughout the world. His headquarters are at London. He was born in Nottingham, England, April 10, 1829, and became an evangelist at fifteen years of age. He entered the ministry in 1852. He is the author of a number of books, the most celebrated being "In Darkest England and the Way Out." The United States commanders are Commander and Consul Booth-Tucker.

The army numbers, according to the last reports, 1,338 corps and 4,306 officers in Great Britain; 831 corps and 1,527 officers in Australia, and 735 corps and 2,709 officers in the United States. The organization extends to nearly all the countries of the world. The number of periodicals printed or published is 55, with a combined weekly circulation of over a million. The annual rental roll is over \$1,000,000. The amount of property owned by this organization now exceeds \$4,000,000, and the annual income is more than \$5,000,000. The organization also has in the United States cavalry brigades, out-riders' circuits, maternity homes, labor bureaus, women's shelters, and an inquiry department, which looks up missing friends and relatives.

**The Volunteers of America.**

THE Volunteers of America is a philanthropic and religious organization, inaugurated in March, 1896, by Commander and Mrs. Ballington Booth in response to numerous requests on the part of American citizens. It is organized in military style, having as its model the United States Army, but in conjunction with military discipline and methods of work it possesses a thoroughly democratic form of government, having as its ideal the Constitution of the United States of America.

The Volunteers have four branches of philanthropic work:

1. The Sociological Branch, or that which embraces the homes that are provided for destitute men and workmen. The homes or hotels for workmen are furnished and rooms are let for \$1 per week. There are four of these homes in Chicago, one in Joliet, one in Kansas City, one in Brooklyn, and one in Philadelphia.

2. The Home of Mercy Branch. These homes are open to any young woman who comes there and asks for admission, and no questions are asked. Over 2,000 beds have been provided for young women in the homes in Newark, N. J., and Boston, Mass.

3. The Volunteer Tenement Work among the deserving poor.

4. The Philanthropic Branch is the work among the poor children.

The Volunteers have an unparalleled work in their Volunteer Prison League. Mrs. Ballington Booth's most recent report sets forth that the organization has now Leagues formed in 13 State prisons, embracing 7,500 prisoners who are living reformed and subordinate lives within the prison precincts. A correspondence for the moral elevation and benefit of their families is carried on with some 19,000 men. There are two large homes known as Hope Halls, one leased in Chicago, accommodating 40 men, another owned by the Volunteers in Flushing, which, with the new wing, is expected to accommodate 50 men, surrounded by 10 acres of ground, one leased in Chicago, expected to accommodate 50 men, surrounded by 10 acres of ground, over 70 per cent of these men have given satisfaction in the places of occupation and trust in which they have been placed. The headquarters of the Volunteers are at No. 38 Cooper Square, nearly opposite the Cooper Institute, New York.

## Religious Statistics.

NUMBERS IN THE WORLD ACCORDING TO CREED.

The following estimates, by M. Fournier de Flaix, are the latest that have been made by a competent authority. (See Quarterly of the American Statistical Association for March, 1892.)

| CREEDS.                                      | No. of Followers. | CREEDS.           | No. of Followers. |
|----------------------------------------------|-------------------|-------------------|-------------------|
| 1 Christianity.....                          | 477,080,158       | 5 Buddhism.....   | 147,900,000       |
| 2 Worship of Ancestors and Confucianism..... | 250,000,000       | 6 Taoism.....     | 43,000,000        |
| 3 Hindooism.....                             | 190,000,000       | 7 Shintoism.....  | 14,000,000        |
| 4 Mohammedanism.....                         | 176,834,372       | 8 Judaism.....    | 7,186,000         |
|                                              |                   | 9 Polytheism..... | 117,681,669       |

### CHRISTIANITY.

| CHURCHES.                  | Total Followers. | CHURCHES.            | Total Followers. |
|----------------------------|------------------|----------------------|------------------|
| Catholic Church.....       | 230,866,533      | Armenian Church..... | 1,690,000        |
| Protestant Churches.....   | 143,237,625      | Nestorians.....      | 80,000           |
| Orthodox Greek Church..... | 98,016,000       | Jacobites.....       | 70,000           |
| Church of Abyssinia.....   | 3,000,000        | Total.....           | 477,080,158      |
| Coptic Church.....         | 120,000          |                      |                  |

### DISTRIBUTION OF SEMITIC ARYAN RACES.

| GEOGRAPHICAL DIVISIONS. | CHRISTIANITY.    |                      |                    | Mohammedanism. | Judaism.  |
|-------------------------|------------------|----------------------|--------------------|----------------|-----------|
|                         | Catholic Church. | Protestant Churches. | Orthodox Churches. |                |           |
| Europe.....             | 160,165,000      | 80,812,000           | 89,196,000         | 6,629,000      | 6,456,000 |
| America.....            | 58,393,882       | 57,294,014           | .....              | .....          | *130,000  |
| Oceania.....            | 6,574,481        | 2,724,781            | .....              | 24,699,787     | .....     |
| Africa.....             | 2,655,920        | 1,744,080            | .....              | 36,000,000     | 400,000   |
| Asia.....               | 3,007,250        | 662,750              | 8,820,000          | 109,535,585    | 200,000   |
| Total Followers.....    | 230,866,533      | 143,237,625          | 98,016,000         | 176,834,372    | 7,186,000 |

### RELIGIOUS DIVISIONS OF EUROPE.

| COUNTRIES.           | Catholic Church. | Protestant Churches. | Orthodox Churches. | Jews.     | Mohammedans. | Unclassified |
|----------------------|------------------|----------------------|--------------------|-----------|--------------|--------------|
| Russia.....          | 9,600,000        | 3,400,000            | 73,310,000         | 3,400,000 | 3,000,000    | 290,000      |
| Germany.....         | 17,100,000       | 29,478,000           | .....              | 590,000   | .....        | 32,000       |
| Austria-Hungary..... | 31,100,000       | 3,900,000            | 3,100,000          | 1,700,000 | .....        | 100,000      |
| France.....          | 35,387,000       | 580,000              | .....              | 49,000    | .....        | 84,000       |
| United Kingdom.....  | 29,850,000       | 30,100,000           | .....              | 100,000   | .....        | 500,000      |
| Italy.....           | 16,850,000       | 29,000               | .....              | 38,000    | .....        | 50,000       |
| Spain.....           | 5,880,000        | 15,000               | .....              | 3,000     | .....        | .....        |
| Belgium.....         | 100,000          | 15,000               | 4,800,000          | 400,000   | 30,000       | 2,000        |
| Romania.....         | 320,000          | 11,000               | 1,700,000          | 60,000    | 2,708,000    | 55,000       |
| Ottoman Empire.....  | 1,545,000        | 2,756,000            | .....              | 83,000    | .....        | 70,000       |
| Netherlands.....     | 4,300,000        | .....                | .....              | .....     | .....        | 16,000       |
| Portugal.....        | 1,000            | 4,698,000            | .....              | 2,000     | .....        | 1,000        |
| Sweden.....          | 1,172,000        | 1,710,000            | .....              | 8,000     | .....        | 1,000        |
| Switzerland.....     | 3,000            | 2,089,000            | .....              | 4,000     | .....        | 10,000       |
| Denmark.....         | 10,000           | 10,000               | 1,930,000          | 5,000     | 45,000       | 4,000        |
| Greece.....          | 6,000            | 1,000                | 1,973,000          | 5,000     | 15,000       | .....        |
| Servia.....          | 29,000           | .....                | 1,393,000          | .....     | 571,000      | .....        |
| Bulgaria.....        | 1,000            | 1,958,000            | .....              | .....     | .....        | 1,000        |
| Norway.....          | 30,000           | .....                | 700,000            | 4,000     | 240,000      | 2,000        |
| Roumelia.....        | 5,000            | .....                | 290,000            | .....     | .....        | 1,000        |
| Montenegro.....      | 200,000          | .....                | .....              | .....     | .....        | .....        |
| Luxembourg.....      | 160,000          | .....                | .....              | .....     | .....        | .....        |
| Malta.....           | 16,000           | .....                | .....              | .....     | .....        | .....        |
| Gibraltar.....       | .....            | .....                | .....              | .....     | .....        | .....        |
| Total Followers..... | 160,165,000      | 80,812,000           | 89,196,000         | 6,456,000 | 6,629,000    | 1,219,000    |

The distinction between followers and actual communicants should be observed.

### ENGLISH-SPEAKING RELIGIOUS COMMUNITIES OF THE WORLD.

|                                    |            |                                |             |
|------------------------------------|------------|--------------------------------|-------------|
| Episcopalians.....                 | 29,200,000 | Lutherans, etc.....            | 2,800,000   |
| Methodists of all descriptions.... | 18,650,000 | Unitarians.....                | 2,600,000   |
| Roman Catholics.....               | 15,500,000 | Minor religious sects.....     | 5,500,000   |
| Presbyterians of all descriptions  | 12,250,000 | Of no particular religion..... | 17,000,000  |
| Baptists of all descriptions.....  | 9,230,000  |                                |             |
| Congregationalists.....            | 6,150,000  | English-speaking population... | 124,130,000 |
| Free Thinkers.....                 | 5,250,000  |                                |             |

A very large number—more than 18,000,000—of Hindoos, Mohammedans, Buddhists, and others in the East also speak and read English.

The estimates in the last table are from Whitaker's (London) Almanack, 1895.

The "Encyclopedia Britannica," last edition, makes a rough estimate of numbers of Protestants in the world speaking all civilized languages, and places the Lutherans at the head, with over 42,000,000 members mostly in Germany and Scandinavia), and the Anglican Church second, with about 20,000,000 members. \* United States census of 1890. The American Jewish Year Book for 1900 estimated the number of Jews in the United States at 1,058,135 and in the world at 11,723,947 in 1900.

## Religious Denominations in the United States.

Statistics of Ministers, Churches, and Communicants or Members, prepared by Dr. H. K. Carroll for *The Christian Advocate*, and published in 1902.

| DENOMINATIONS.                                       | Ministers.    | Churches.     | Communi-<br>cants. | DENOMINATIONS.                           | Ministers.   | Churches.     | Communi-<br>cants. |
|------------------------------------------------------|---------------|---------------|--------------------|------------------------------------------|--------------|---------------|--------------------|
| <b>ADVENTISTS:</b>                                   |               |               |                    | <b>EVANGELICAL BODIES:</b>               |              |               |                    |
| Evangelical.....                                     | 34            | 30            | 1,147              | Evangelical Association.....             | 94*          | 1,736         | 104,057            |
| Advent Christians.....                               | 912           | 610           | 26,500             | United Evangelical Church.....           | 478          | 985           | 60,993             |
| Seventh-Day.....                                     | 386           | 1,494         | 54,539             | <b>Total Evangelical.....</b>            | <b>1,426</b> | <b>2,721</b>  | <b>165,080</b>     |
| Church of God.....                                   | 19            | 29            | 647                | <b>FRIENDS:</b>                          |              |               |                    |
| Life and Advent Union.....                           | 60            | 2*            | 3,800              | Orthodox.....                            | 1,279        | 830           | 91,545             |
| Church of God in Jesus Christ.....                   | 94            | 95            | 2,372              | "Hicksite".....                          | 115          | 201           | 21,992             |
| <b>Total Adventists.....</b>                         | <b>1,505</b>  | <b>2,256</b>  | <b>88,705</b>      | "Wilburite".....                         | 38           | 53            | 4,468              |
| <b>BAPTISTS:</b>                                     |               |               |                    | Primitive.....                           | 11           | 9             | 232                |
| Regular, North.....                                  | 7,587         | 9,205         | 1,005,613          | <b>Total Friends.....</b>                | <b>1,443</b> | <b>1,093</b>  | <b>118,237</b>     |
| Regular, South.....                                  | 12,599        | 19,799        | 1,674,108          | <b>FRIENDS OF THE TEMPLE:</b>            |              |               |                    |
| Regular, Colored.....                                | 9,916         | 15,195        | 1,590,802          | German Evangelical Protestant.....       | 4            | 4             | 340                |
| Six Principle.....                                   | 8             | 12            | 828                | German Evangelical Synod.....            | 922          | 1,153         | 203,281            |
| Seventh-Day.....                                     | 122           | 116           | 10,104             | <b>Jews:</b>                             |              |               |                    |
| Freewill.....                                        | 1,436         | 1,522         | 86,535             | Orthodox.....                            | 135          | 340           | 62,000             |
| Original Freewill.....                               | 120           | 167           | 12,000             | Reformed.....                            | 166          | 230           | 81,000             |
| General.....                                         | 484           | 423           | 24,775             | <b>Total Jews.....</b>                   | <b>301</b>   | <b>570</b>    | <b>143,000</b>     |
| Separate.....                                        | 113           | 103           | 6,349              | <b>LATTER-DAY SAINTS:</b>                |              |               |                    |
| United.....                                          | 23            | 204           | 13,209             | Utah Branch.....                         | 700          | 796           | 300,000            |
| Baptist Church of Christ.....                        | 80            | 132           | 8,254              | Reorganized Branch.....                  | 2,200        | 600           | 43,824             |
| Primitive.....                                       | 2,130         | 3,850         | 126,000            | <b>Total Mormons.....</b>                | <b>2,900</b> | <b>1,396</b>  | <b>343,824</b>     |
| Old Two Seed in the Spirit Predis-<br>tionarian..... | 300           | 473           | 12,851             | <b>LUTHERANS:</b>                        |              |               |                    |
| <b>Total Baptists.....</b>                           | <b>34,870</b> | <b>51,001</b> | <b>4,581,558</b>   | (General Bodies:)                        |              |               |                    |
| <b>BRETHREN (RIVER):</b>                             |               |               |                    | General Synod.....                       | 1,219        | 1,595         | 204,098            |
| Brethren in Christ.....                              | 152           | 78            | 4,000              | United Synod, South.....                 | 208          | 384           | 37,318             |
| Old Order, or Yorker.....                            | 7             | 8             | 214                | General Council.....                     | 1,245        | 1,860         | 346,563            |
| United Zion's Children.....                          | 20            | 25            | 525                | Synodical Conference.....                | 2,185        | 2,785         | 566,375            |
| <b>Total River Brethren.....</b>                     | <b>179</b>    | <b>111</b>    | <b>4,739</b>       | United Norwegian<br>(Independent Synods) | 356          | 1,168         | 134,300            |
| <b>BRETHREN (PLYMOUTH):</b>                          |               |               |                    | Ohio.....                                | 400          | 662           | 37,514             |
| Brethren (I.).....                                   | 109           | 299           | 2,289              | Buffalo.....                             | 25           | 40            | 5,230              |
| Brethren (II.).....                                  | 88            | 88            | 2,419              | Hauge's.....                             | 104          | 248           | 18,558             |
| Brethren (III.).....                                 | 86            | 86            | 1,335              | Eielsen's.....                           | 6            | 52            | 3,000              |
| Brethren (IV.).....                                  | 31            | 31            | 713                | Texas.....                               | 11           | 15            | 1,987              |
| <b>Total Plymouth Brethren.....</b>                  | <b>314</b>    | <b>314</b>    | <b>6,661</b>       | Iowa.....                                | 425          | 700           | 95,801             |
| <b>CATHOLICS:</b>                                    |               |               |                    | Norwegian.....                           | 311          | 841           | 74,072             |
| Roman Catholics.....                                 | 12,113        | 12,312        | 9,158,741          | Michigan, etc.....                       | 30           | 50            | 5,375              |
| Polish Catholic.....                                 | 22            | 24            | 25,000             | Danish in America.....                   | 48           | 122           | 14,200             |
| Russian Orthodox.....                                | 40            | 31            | 40,000             | Icelandic.....                           | 8            | 32            | 3,682              |
| Greek Orthodox.....                                  | 5             | 5             | 5,000              | Augsburg.....                            | 22           | 32            | 4,089              |
| Armenian.....                                        | 15            | 21            | 8,500              | Immanus.....                             | 45           | 50            | 6,118              |
| Old Catholic.....                                    | 3             | 5             | 425                | Suomal, Finnish.....                     | 11           | 53            | 15,614             |
| Reformed Catholic.....                               | 6             | 6             | 1,500              | Norwegian Free.....                      | 68           | 400           | 37,074             |
| <b>Total Catholics.....</b>                          | <b>12,204</b> | <b>12,450</b> | <b>9,239,166</b>   | Danish United.....                       | 88           | 151           | 9,281              |
| <b>CATHOLIC APOSTOLIC.....</b>                       | <b>95</b>     | <b>10</b>     | <b>1,491</b>       | Independent Congregations.....           | 85           | 200           | 25,000             |
| <b>CHINESE TEMPLES.....</b>                          | <b>47</b>     | <b>47</b>     | <b>1,277</b>       | <b>Total Lutherans.....</b>              | <b>6,900</b> | <b>11,491</b> | <b>1,696,268</b>   |
| <b>CHRISTADELPHIANS.....</b>                         | <b>63</b>     | <b>63</b>     | <b>1,277</b>       | <b>WALDENSTRONIANS, SWEDISH</b>          |              |               |                    |
| <b>CHRISTIANS:</b>                                   |               |               |                    | EVANGELICAL MISSION COVENANT.....        | 268          | 281           | 31,000             |
| Christian Connection†.....                           | 984           | 1,200         | 84,838             | <b>MENNONITES:</b>                       |              |               |                    |
| Christians, South†.....                              | 167           | 317           | 24,440             | Mennonite.....                           | 418          | 288           | 22,443             |
| <b>Total Christians.....</b>                         | <b>1,151</b>  | <b>1,517</b>  | <b>109,278</b>     | Bruderhof.....                           | 9            | 5             | 352                |
| <b>CHRISTIAN CATHOLIC (DOWIE)†.....</b>              | <b>55</b>     | <b>50</b>     | <b>40,000</b>      | Amish.....                               | 265          | 120           | 13,051             |
| <b>CHRISTIAN MISSIONARY ASS'N.....</b>               | <b>10</b>     | <b>13</b>     | <b>754</b>         | Old Amish.....                           | 75           | 25            | 2,438              |
| <b>CHRISTIAN SCIENTISTS.....</b>                     | <b>940</b>    | <b>470</b>    | <b>48,930</b>      | Apostolic.....                           | 2            | 2             | 209                |
| <b>CHURCH OF GOD (WINNEBEGNER-<br/>IAN).....</b>     | <b>460</b>    | <b>580</b>    | <b>38,000</b>      | Reformed.....                            | 43           | 34            | 1,680              |
| <b>CHURCH OF THE NEW JERUSALEM.....</b>              | <b>149</b>    | <b>157</b>    | <b>7,892</b>       | General Conference.....                  | 128          | 76            | 10,395             |
| <b>COMMUNISTIC SOCIETIES:</b>                        |               |               |                    | Church of God in Christ.....             | 18           | 18            | 471                |
| Shakers.....                                         | 15            | 15            | 1,650              | Old (Wisler).....                        | 17           | 15            | 610                |
| Amans.....                                           | 7             | 1             | 1,800              | Bundes Conference.....                   | 20           | 16            | 2,950              |
| Harmony.....                                         | 1             | 1             | 250                | Defenceless.....                         | 20           | 11            | 1,176              |
| Separatists.....                                     | 1             | 1             | 200                | Brethren in Christ.....                  | 76           | 59            | 2,953              |
| Altruists.....                                       | 1             | 1             | 25                 | <b>Total Mennonites.....</b>             | <b>1,112</b> | <b>673</b>    | <b>58,728</b>      |
| Church Triumphant (Koreshan Ec-<br>clesia).....      | 5             | 5             | 205                | <b>METHODISTS:</b>                       |              |               |                    |
| Christian Commonwealth.....                          | 1             | 1             | 80                 | Methodist Episcopal.....                 | 16,771       | 26,424        | 2,762,691          |
| <b>Total Communists.....</b>                         | <b>31</b>     | <b>31</b>     | <b>4,010</b>       | Union American M. E.....                 | 175          | 200           | 16,200             |
| <b>CONGREGATIONALISTS*.....</b>                      | <b>5,776</b>  | <b>5,680</b>  | <b>634,835</b>     | African Methodist Episcopal.....         | 6,179        | 5,715         | 698,354            |
| <b>DISCIPLES OF CHRIST.....</b>                      | <b>6,385</b>  | <b>10,659</b> | <b>1,179,541</b>   | African Methodist Episcopal Zion.....    | 63           | 73            | 2,608              |
| <b>DUNKARDS:</b>                                     |               |               |                    | Methodist Protestant.....                | 1,847        | 2,451         | 184,097            |
| Conservatives.....                                   | 2,625         | 870           | 98,000             | Wesleyan Methodist.....                  | 699          | 506           | 16,496             |
| Old Order.....                                       | 140           | 80            | 4,000              | Methodist Episcopal, South*.....         | 6,166        | 14,479        | 1,477,180          |
| Progressive.....                                     | 231           | 145           | 13,000             | Congregational Methodist.....            | 345          | 350           | 21,000             |
| Seventh-Day (German).....                            | 5             | 6             | 194                | Congregational Meth. (Colored).....      | 5            | 5             | 319                |
| <b>Total Dunkards.....</b>                           | <b>3,001</b>  | <b>1,101</b>  | <b>115,194</b>     | New Congregational Methodist.....        | 192          | 366           | 4,000              |
|                                                      |               |               |                    | Zion Union Apostolic.....                | 30           | 32            | 2,346              |
|                                                      |               |               |                    | Colored Methodist Episcopal.....         | 2,061        | 1,433         | 204,972            |
|                                                      |               |               |                    | Primitive.....                           | 63           | 100           | 6,834              |

RELIGIOUS DENOMINATIONS IN THE UNITED STATES—Continued.

| DENOMINATIONS.                         | Ministers.    | Churches.     | Communi-<br>cants. | DENOMINATIONS.                          | Ministers.     | Churches.      | Communi-<br>cants. |
|----------------------------------------|---------------|---------------|--------------------|-----------------------------------------|----------------|----------------|--------------------|
| <b>METHODISTS—Continued:</b>           |               |               |                    | <b>REFORMED:</b>                        |                |                |                    |
| Free Methodist.....                    | 1,003         | 1,034         | 27,487             | Reformed (Dutch).....                   | 691            | 630            | 108,734            |
| Independent Methodist.....             | 8             | 15            | 2,569              | Reformed (German).....                  | 1,107          | 688            | 248,929            |
| Evangelist Missionary.....             | 48            | 13            | 2,010              | Christian Reformed.....                 | 101            | 146            | 18,877             |
| <b>Total Methodists.....</b>           | <b>38,935</b> | <b>56,101</b> | <b>5,966,500</b>   | <b>Total Reformed.....</b>              | <b>1,902</b>   | <b>2,464</b>   | <b>376,540</b>     |
| <b>MORAVIANS.....</b>                  | <b>117</b>    | <b>111</b>    | <b>15,225</b>      | <b>SALVATION ARMY.....</b>              | <b>2,510</b>   | <b>615</b>     | <b>22,534</b>      |
| <b>PRESBYTERIANS:</b>                  |               |               |                    | <b>SCHWENKELDIANS.....</b>              | <b>3</b>       | <b>4</b>       | <b>306</b>         |
| Northern.....                          | 7,239         | 7,510         | 999,815            | <b>SOCIAL BRETHREN.....</b>             | <b>17</b>      | <b>20</b>      | <b>913</b>         |
| Cumberland.....                        | 1,580         | 2,963         | 182,449            | <b>SOCIETY FOR ETHICAL CULTURE.....</b> | <b>....</b>    | <b>5</b>       | <b>1,300</b>       |
| Cumberland (Colored).....              | 450           | 400           | 39,000             | <b>SPIRITUALISTS.....</b>               | <b>....</b>    | <b>334</b>     | <b>45,030</b>      |
| Welsh Calvinistic.....                 | 88            | 162           | 11,683             | <b>THEOSOPHICAL SOCIETY.....</b>        | <b>....</b>    | <b>....</b>    | <b>3,000</b>       |
| United.....                            | 933           | 905           | 116,302            | <b>UNITED BRETHREN:</b>                 |                |                |                    |
| Southern.....                          | 1,455         | 2,991         | 227,991            | United Brethren.....                    | 1,908          | 4,187          | 240,007            |
| Associate.....                         | 12            | 31            | 1,053              | United Brethren (Old Constitution)      | 600            | 840            | 27,000             |
| Associate Reformed, South.....         | 104           | 131           | 11,344             | <b>Total United Brethren.....</b>       | <b>2,508</b>   | <b>5,027</b>   | <b>267,007</b>     |
| Reformed (Synod).....                  | 125           | 112           | 9,733              | <b>UNITARIANS.....</b>                  | <b>544</b>     | <b>453</b>     | <b>71,000</b>      |
| Reformed (General Synod).....          | 32            | 37            | 5,000              | <b>UNIVERSALISTS.....</b>               | <b>746</b>     | <b>772</b>     | <b>52,873</b>      |
| Reformed (Covenantal).....             | 1             | 1             | 37                 | <b>INDEPENDENT CONGREGATIONS.....</b>   | <b>54</b>      | <b>156</b>     | <b>14,126</b>      |
| Reformed in the U. S. & Canada.....    | ....          | 1             | 608                | <b>Grand Total.....</b>                 | <b>146,401</b> | <b>194,107</b> | <b>28,090,663</b>  |
| <b>Total Presbyterians.....</b>        | <b>12,049</b> | <b>15,241</b> | <b>1,605,015</b>   |                                         |                |                |                    |
| <b>PROTESTANT EPISCOPAL:</b>           |               |               |                    |                                         |                |                |                    |
| Protestant Episcopal.....              | 4,927         | 6,639         | 741,697            |                                         |                |                |                    |
| Reformed Episcopal.....                | 100           | 78            | 9,283              |                                         |                |                |                    |
| <b>Total Protestant Episcopal.....</b> | <b>5,027</b>  | <b>6,717</b>  | <b>750,979</b>     |                                         |                |                |                    |

The aggregate of about 28,000,000 represents actual church membership, and includes all Catholics, but not all persons affiliated by family ties to Protestant bodies. The larger of the Protestant bodies may claim twice the number of their communicants as nominal adherents.—EDITOR OF THE ALMANAC.

A special census of religious bodies is being taken and will be published in 1903 by the United States Census Office.

Sunday-School Statistics of All Countries.

The following statistics of Sunday-schools were reported at the World's Third Sunday-School Convention, held in London July 11 to 16, 1898, and are the latest extant:

| COUNTRIES.             | Sunday Schools. | Teachers. | Scholars. | COUNTRIES.                      | Sunday Schools. | Teachers.        | Scholars.         |
|------------------------|-----------------|-----------|-----------|---------------------------------|-----------------|------------------|-------------------|
| <b>EUROPE:</b>         |                 |           |           | <b>ASIA:</b>                    |                 |                  |                   |
| England and Wales..... | 43,632          | 613,036   | 6,843,072 | India, including Ceylon.....    | 5,578           | 13,937           | 247,472           |
| Scotland.....          | 6,338           | 63,939    | 713,360   | Persia.....                     | 107             | 440              | 4,876             |
| Ireland.....           | 3,620           | 27,360    | 319,316   | Siam.....                       | 16              | 64               | 809               |
| Belgium.....           | 83              | 403       | 4,616     | China.....                      | 105             | 1,053            | 5,264             |
| Austria.....           | 208             | 533       | 7,340     | Japan.....                      | 150             | 390              | 7,019             |
| Denmark.....           | 819             | 4,275     | 71,371    | Central Turkey.....             | 516             | 2,450            | 25,833            |
| Finland.....           | 7,611           | 19,928    | 165,140   | <b>AFRICA:</b>                  | <b>4,246</b>    | <b>8,455</b>     | <b>161,394</b>    |
| France.....            | 1,475           | 3,876     | 61,200    | <b>NORTH AMERICA:</b>           |                 |                  |                   |
| Germany.....           | 7,131           | 39,872    | 814,175   | United States.....              | 132,697         | 1,394,630        | 10,893,523        |
| Greece.....            | 4               | 7         | 180       | Canada.....                     | 8,986           | 75,064           | 582,070           |
| Italy.....             | 336             | 1,482     | 15,787    | Newfoundland and Labrador.....  | 375             | 2,363            | 23,856            |
| Netherlands.....       | 1,900           | 4,962     | 168,110   | West Indies.....                | 2,306           | 10,769           | 111,335           |
| Norway.....            | 749             | 3,311     | 65,311    | Central America and Mexico..... | 550             | 1,300            | 15,000            |
| Portugal.....          | 18              | 70        | 1,419     | <b>SOUTH AMERICA:</b>           | <b>350</b>      | <b>3,000</b>     | <b>150,000</b>    |
| Russia.....            | 83              | 785       | 15,679    | <b>OCEANIA:</b>                 |                 |                  |                   |
| Spain.....             | 48              | 220       | 4,275     | Australasia.....                | 7,458           | 54,670           | 595,031           |
| Sweden.....            | 5,360           | 18,144    | 252,247   | Fiji Islands.....               | 1,474           | 2,700            | 42,909            |
| Switzerland.....       | 1,762           | 7,490     | 122,567   | Hawaiian Islands.....           | 330             | 1,413            | 15,840            |
| European Turkey.....   | 30              | 170       | 1,420     | Other Islands.....              | 210             | 800              | 10,000            |
|                        |                 |           |           | <b>THE WORLD.....</b>           | <b>246,658</b>  | <b>2,378,921</b> | <b>22,540,392</b> |

The total number of teachers and scholars in the world, according to this report, was 24,919,313.

The table does not include the schools of the Roman Catholic and Non-Evangelical Protestant churches. The number of scholars in Roman Catholic Sunday-schools in the United States is estimated at 900,000 by clerics.

The next World's Sunday-School Convention will be held in 1903.

Statistics of Missions.

"THE Centennial Survey of Foreign Missions," by Rev. James S. Dennis, D.D., reports the following statistics of the World's evangelical foreign missions at the close of the last century: Societies engaged in foreign missions, 558; income \$20,079,698; missionaries, 18,682; native workers, 79,396; stations occupied, 30,536; churches, 14,364; communicants, 1,650,729; Christian community, 4,528,564. There are 94 universities and colleges, with 35,539 pupils; theological and training schools, 375, with 11,968 pupils; industrial schools, 179, with 9,074 pupils; elementary schools, 18,742, with 904,442 pupils, showing a total of 20,458 schools and 1,651,466 scholars. The mission presses and publishing houses number 159, and there are 379 magazines and papers, with a circulation of over 250,000 copies. The medical record shows 711 physicians, 379 hospitals, 783 dispensaries, and 2,347,780 patients; the reformatory work shows 247 orphanages, 100 leper homes, 30 schools for the blind and for deaf mutes, 156 refuges for the victims of vice, opium, the insane, etc.; 118 societies for social reform, etc.

# 328 Roman Catholic Hierarchy of the United States.

## APOSTOLIC DELEGATION.

Most Rev. Diomede Falconio, Archbishop of Larissa, Apostolic Delegate, Washington, D. C.  
Very Rev. Francis Marchetti, Auditor, Washington, D. C. | Very Rev. F. Z. Rooker, Secretary, Washington, D. C.

## ARCHBISHOPS.

|                             |                               |       |
|-----------------------------|-------------------------------|-------|
| Baltimore, Maryland.....    | James Gibbons, Cardinal. Cons | 1868  |
| Boston, Massachusetts.....  | John J. Williams.....         | 1866  |
| Chicago, Illinois.....      | Vacant.....                   | ..... |
| Cincinnati, Ohio.....       | William H. Elder.....         | 1857  |
| Dubuque, Iowa.....          | John J. Keane.....            | 1878  |
| Milwaukee, Wisconsin.....   | Frederick Katzer.....         | 1856  |
| New Orleans, Louisiana..... | P. L. Chapelle.....           | 1897  |
| New York, New York.....     | John M. Farley.....           | 1895  |

|                                 |                         |            |
|---------------------------------|-------------------------|------------|
| Portland, Oregon.....           | Alexander Christie..... | Cons. 1888 |
| Philadelphia, Pennsylvania..... | Patrick J. Ryan.....    | 1872       |
| St. Louis, Missouri.....        | John J. Kain.....       | 1875       |
| St. Paul, Minnesota.....        | John Ireland.....       | 1875       |
| San Francisco, California.....  | Patrick W. Horan.....   | 1883       |
| San Francisco (Coadjutor).....  | George Montgomerie..... | 1894       |
| Santa Fe, New Mexico.....       | Peter Bourgade.....     | 1887       |

## BISHOPS.

|                                 |                                   |            |
|---------------------------------|-----------------------------------|------------|
| Albany, New York.....           | Thos. M. Burke.....               | Cons. 1894 |
| Alton, Illinois.....            | James Ryan.....                   | 1888       |
| Altoona, Pennsylvania.....      | Eugene A. Garvey.....             | 1898       |
| Bellefonte, Pa.....             | J. Janssen.....                   | 1888       |
| Boise, Idaho.....               | A. J. Glorieux.....               | 1885       |
| Boston, Massachusetts.....      | John Brady (Auxiliary).....       | 1891       |
| Brooklyn, New York.....         | C. E. McDonnell.....              | 1892       |
| Buffalo, New York.....          | James Edward Quigley.....         | 1897       |
| Burlington, Vermont.....        | J. S. Michaud.....                | 1893       |
| Charleston, South Carolina..... | H. P. Northrop.....               | 1882       |
| Cheyenne, Wyoming.....          | John J. Keane.....                | 1892       |
| Chicago, Illinois.....          | A. J. McGavick (Auxiliary).....   | 1901       |
| Chicago, Illinois.....          | Peter J. Muldoon (Auxiliary)..... | 1900       |
| Cleveland, Ohio.....            | I. F. Horstmann.....              | 1899       |
| Columbus, Ohio.....             | Henry Moeller.....                | 1892       |
| Concordia, Kansas.....          | J. F. Cunningham.....             | 1898       |
| Covington, Kentucky.....        | C. P. Maes.....                   | 1885       |
| Dallas, Texas.....              | Edward J. Dunne.....              | 1893       |
| Davenport, Iowa.....            | H. Cosgrove.....                  | 1884       |
| Denver, Colorado.....           | N. C. Matz.....                   | 1896       |
| Detroit, Michigan.....          | John S. Foley.....                | 1888       |
| Duluth, Minnesota.....          | James McGoldrick.....             | 1889       |
| Erie, Pennsylvania.....         | John F. Fitzmaurice.....          | 1897       |
| Fargo, North Dakota.....        | John Shanley.....                 | 1889       |
| Fort Wayne, Indiana.....        | Herman Aldering.....              | 1900       |
| Galveston, Texas.....           | N. A. Gallagher.....              | 1882       |
| Grand Rapids, Michigan.....     | H. J. Richter.....                | 1883       |
| Green Bay, Wisconsin.....       | Sebastian Messmer.....            | 1892       |
| Guthrie, Oklahoma.....          | Theodore Meerschardt.....         | 1891       |
| Harrisburg, Pennsylvania.....   | John W. Shanahan.....             | 1899       |
| Hartford, Connecticut.....      | M. Tierney.....                   | 1894       |
| Helena, Montana.....            | J. B. Brondel.....                | 1879       |
| Indianapolis, Indiana.....      | S. F. Chastain.....               | 1891       |
| Indianapolis, Indiana.....      | J. F. Donaghy (Auxiliary).....    | 1900       |
| Kansas City, Missouri.....      | John J. Hogan.....                | 1868       |
| Kansas City, Missouri.....      | J. J. Glennon (Coadjutor).....    | 1896       |
| La Crosse, Wisconsin.....       | James Schwabach.....              | 1893       |
| Laredo, Texas.....              | P. Verdagier.....                 | 1890       |
| Lead City, South Dakota.....    | J. N. Staribia.....               | 1902       |
| Leavenworth, Kansas.....        | L. M. Fink.....                   | 1871       |
| Lincoln, Nebraska.....          | Thomas Bonaccini.....             | 1887       |

|                                 |                                    |            |
|---------------------------------|------------------------------------|------------|
| Little Rock, Arkansas.....      | Edward Fitzgerald.....             | Cons. 1867 |
| Los Angeles, California.....    | Vacant.....                        | .....      |
| Louisville, Kentucky.....       | William G. McCloskey.....          | 1888       |
| Manchester, New Hampshire.....  | D. M. Bradley.....                 | 1884       |
| Marquette, Michigan.....        | Frederick Eis.....                 | 1899       |
| Mobile, Alabama.....            | Edward P. Allen.....               | 1897       |
| Nashville, Tennessee.....       | Thomas S. Byrne.....               | 1894       |
| Natchez, Mississippi.....       | Thomas Heslin.....                 | 1889       |
| Natchitoches, Louisiana.....    | Anthony Durier.....                | 1887       |
| Nesqueally, Washington.....     | Edward J. O'Dea.....               | 1896       |
| Newark, New Jersey.....         | John J. O'Connor.....              | 1901       |
| Ogdensburg, New York.....       | Henry Gabriels.....                | 1892       |
| Omaha, Nebraska.....            | Richard Scannell.....              | 1887       |
| Peoria, Illinois.....           | J. L. Spalding.....                | 1877       |
| Peoria, Illinois.....           | Peter J. O'Reilly (Auxiliary)..... | 1900       |
| Philadelphia, Pennsylvania..... | E. F. Prendergast (Auxiliary)..... | 1897       |
| Pittsburgh, Pennsylvania.....   | R. Phelan.....                     | 1885       |
| Portland, Maine.....            | William H. O'Connell.....          | 1901       |
| Providence, Rhode Island.....   | M. Harkins.....                    | 1887       |
| Richmond, Virginia.....         | A. Van de Vyver.....               | 1889       |
| Rochester, New York.....        | B. J. McQuaid.....                 | 1898       |
| St. Augustine, Florida.....     | William J. Kenny.....              | 1902       |
| St. Cloud, Minnesota.....       | James Trobec.....                  | 1893       |
| St. Joseph, Missouri.....       | M. F. Burke.....                   | 1887       |
| Sacramento, California.....     | Thomas Grace.....                  | 1898       |
| Salt Lake City, Utah.....       | Lawrence Scanlan.....              | 1887       |
| San Antonio, Texas.....         | J. A. Forrest.....                 | 1895       |
| Savannah, Georgia.....          | Benj. J. Keiley.....               | 1900       |
| Scranton, Pennsylvania.....     | M. J. Hoban.....                   | 1896       |
| Sioux City, Iowa.....           | Phillip J. Garrigan.....           | 1902       |
| Sioux Falls, South Dakota.....  | Thomas O'Gorman.....               | 1896       |
| Springfield, Massachusetts..... | Thomas D. Beaven.....              | 1899       |
| Syracuse, New York.....         | P. A. Linden.....                  | 1887       |
| Trenton, New Jersey.....        | James A. McFau.....                | 1894       |
| Tucson, Arizona.....            | Henry Granjon.....                 | 1900       |
| Vancouver Island.....           | Bertrand Orth.....                 | 1900       |
| Wheeling, West Virginia.....    | P. J. Donahue.....                 | 1894       |
| Wichita, Kansas.....            | J. J. Hennessy.....                | 1888       |
| Wilmington, Delaware.....       | John J. Monaghan.....              | 1897       |
| Wilmington, North Carolina..... | Leo Haid.....                      | 1886       |
| Winona, Minnesota.....          | Joseph B. Cotter.....              | 1889       |

## College of Cardinals.

### CARDINAL BISHOPS.

| Name.               | Office or Dignity.   | Nation. | Age.    | Cr'd. |
|---------------------|----------------------|---------|---------|-------|
| Agliardi, A.....    | Bp. Albano.....      | Italian | 71..... | 1896  |
| Mocenni, Mario..... | Bp. Sabina.....      | Italian | 80..... | 1893  |
| Faccioli, L. M..... | Vice-Chancellor..... | Italian | 70..... | 1877  |

### CARDINAL

|                                |                                    |          |         |      |
|--------------------------------|------------------------------------|----------|---------|------|
| Bacillieri, B.....             | Bp. Verona.....                    | Italian  | 61..... | 1901 |
| Boschi, G.....                 | Abp. Ferrara.....                  | Italian  | 65..... | 1901 |
| Capaceolator, A.....           | Abp. Capua.....                    | Italian  | 79..... | 1884 |
| Cardelino del Drago, G. B..... | Bp. Catania.....                   | Italian  | 75..... | 1899 |
| Casanas, S.....                | Bp. Urgel.....                     | Spanish  | 69..... | 1895 |
| Cassares, A. M.....            | Abp. Valladolid.....               | Spanish  | 69..... | 1885 |
| Cassetta, F. di Paolo.....     | .....                              | Italian  | 62..... | 1899 |
| Celestino, P. G. M.....        | Abp. Palermo.....                  | Italian  | 82..... | 1884 |
| Ciascia, Agostino.....         | .....                              | Italian  | 68..... | 1899 |
| Clouet, Pierre H.....          | Abp. Lyons.....                    | French   | 74..... | 1897 |
| Cretoni, S.....                | .....                              | Italian  | 70..... | 1896 |
| Di Pietro, Angelo.....         | Prof. Bps. & Reg'rs. Italian.....  | .....    | 75..... | 1893 |
| Ferrari, A. A.....             | Abp. Milan.....                    | Italian  | 83..... | 1894 |
| Ferrata, D.....                | Prof. Cong. Indul. Italian.....    | .....    | 86..... | 1896 |
| Franciscani, di B. J.....      | Abp. Catania.....                  | Italian  | 57..... | 1899 |
| Gennari, C.....                | Assessor Holy Office. Italian..... | .....    | 64..... | 1901 |
| Gibbons, James.....            | Abp. Baltimore.....                | American | 69..... | 1886 |
| Goossens, P. L.....            | Abp. Mechlin.....                  | Belgian  | 76..... | 1889 |
| Gotti, G. M.....               | Prof. Propaganda. Italian.....     | .....    | 69..... | 1895 |
| Gruschka, A. J.....            | Abp. Vienna.....                   | Austrian | 82..... | 1891 |
| Herrera, J.....                | Abp. Compostella.....              | Spanish  | 68..... | 1897 |
| Kopp, George.....              | Abp. Breslau.....                  | German   | 86..... | 1893 |
| Laboure, G. M. J.....          | Abp. Rennes.....                   | French   | 82..... | 1897 |
| Langenieux, B. M.....          | Abp. Rheims.....                   | French   | 79..... | 1886 |
| Lecot, Victor L.....           | Abp. Bordeaux.....                 | French   | 72..... | 1893 |

### CARDINAL

|                        |                          |         |         |      |
|------------------------|--------------------------|---------|---------|------|
| Cavagnis, F.....       | .....                    | Italian | 62..... | 1891 |
| Della Volpe, F. S..... | .....                    | Italian | 59..... | 1889 |
| Macchi, L.....         | Secretary of Briefs..... | .....   | 71..... | 1889 |
| Pierotti, R.....       | .....                    | Italian | 67..... | 1896 |

### BISHOPS.

| Name.              | Office or Dignity.           | Nation. | Age.    | Cr'd. |
|--------------------|------------------------------|---------|---------|-------|
| Oreglia, D. S..... | Dean Sac. Coll. Italian..... | .....   | 75..... | 1872  |
| Vannutelli, S..... | Bp. Frascati.....            | Italian | 69..... | 1889  |
| Vannutelli, V..... | Bp. Palestrina.....          | Italian | 66..... | 1889  |

### PRIESTS.

|                         |                           |           |         |      |
|-------------------------|---------------------------|-----------|---------|------|
| Logue, Michael.....     | Abp. Armagh.....          | Irish     | 63..... | 1883 |
| Manara, A.....          | Bp. Ancona.....           | Italian   | 68..... | 1887 |
| Marini, G.....          | Abp. Ephesus.....         | Italian   | 55..... | 1901 |
| Mathieu, Fr. D.....     | Abp. Toulouse.....        | French    | 64..... | 1899 |
| Moran, P. F.....        | Abp. Sydney.....          | Irish     | 73..... | 1885 |
| Nets, J. S.....         | Patriarch Lisbon.....     | Port      | 61..... | 1884 |
| Perraud, Adolphe.....   | Abp. Autun.....           | French    | 75..... | 1893 |
| Portanova, Gennaro..... | Abp. Reggio Calabria..... | Italian   | 58..... | 1899 |
| Prisco, G.....          | Abp. Naples.....          | Italian   | 67..... | 1896 |
| Puzyna, K. G.....       | Bp. Krakow.....           | Austrian  | 61..... | 1901 |
| Rampolla, M.....        | Secretary of State.....   | Italian   | 60..... | 1887 |
| Respighi, Pietro.....   | Vicar-General.....        | Italian   | 60..... | 1899 |
| Riboldi, A.....         | Abp. Ravenna.....         | Italian   | 64..... | 1901 |
| Richard, F. M.....      | Abp. Paris.....           | French    | 84..... | 1889 |
| Richelmy, Agostino..... | Abp. Turin.....           | Italian   | 53..... | 1899 |
| Sancha, C. M.....       | Abp. Toledo.....          | Spanish   | 65..... | 1894 |
| Sarto, Giuseppe.....    | Patriarch Venice.....     | Italian   | 68..... | 1884 |
| Satolli, Francis.....   | Abp. Lst. Ballica.....    | Italian   | 64..... | 1895 |
| Schlanck, L.....        | Bp. Grosswardein.....     | Hungarian | 79..... | 1893 |
| Shrbenky, L.....        | Abp. Prague.....          | Bohemian  | 40..... | 1901 |
| Spampa, D.....          | Abp. Bologna.....         | Italian   | 52..... | 1894 |
| Vannutelli, V.....      | Prof. Cong. Council.....  | .....     | 67..... | 1889 |
| Vassini, Claus.....     | Abp. Graz.....            | Hungarian | 71..... | 1889 |
| Vanghan, Herbert.....   | Abp. Westminster.....     | English   | 71..... | 1893 |
| Zabarella, A. S.....    | .....                     | Italian   | 63..... | 1901 |

### CARDINAL

|                         |                           |         |         |      |
|-------------------------|---------------------------|---------|---------|------|
| Segna, F.....           | Pf. Vatican Archives..... | Italian | 67..... | 1864 |
| Steinhuber, A.....      | Prof. Cong. Index.....    | German  | 75..... | 1883 |
| Trippel, J.....         | .....                     | Italian | 67..... | 1891 |
| Vives y Tuto, G. C..... | .....                     | Spanish | 49..... | 1899 |



Bishops.

BISHOPS OF THE PROTESTANT EPISCOPAL CHURCH IN THE UNITED STATES.

| <i>Diocese.</i>                                             | <i>Cons.</i> | <i>Diocese.</i>                                                 | <i>Cons.</i> |
|-------------------------------------------------------------|--------------|-----------------------------------------------------------------|--------------|
| Alabama—Charles Minnegerode Beckwith, elect.....            | 1897         | New York—Charles Tyler Olmsted, Coadjutor, Utica.....           | 1902         |
| Alaska—Peter Trimble Rowe (missionary), Sitka.....          | 1895         | “ Western: William D. Walker, Buffalo.....                      | 1883         |
| Arizona and New Mexico—J. M. Kendrick (miss.), Phoenix..... | 1889         | “ Albany: William Crosswell Doane.....                          | 1869         |
| Arkansas—William M. Brown, Little Rock.....                 | 1897         | “ Long Island: Frederick Burgess, Garden City.....              | 1902         |
| California—William Ford Nichols, San Francisco.....         | 1890         | North Carolina—Joseph Blount Cheshire, Raleigh.....             | 1893         |
| “ Sacramento: W. H. Moreland (missionary).....              | 1879         | “ E. Carolina: Alfred A. Watson, Wilmington.....                | 1884         |
| “ Los Angeles: Joseph H. Johnson, Pasadena.....             | 1896         | “ Asheville: J. M. Horner (missionary).....                     | 1898         |
| Colorado—Charles Sanford Olmsted.....                       | 1902         | Ohio—William Andrew Leonard, Cleveland.....                     | 1889         |
| Connecticut—Chamcey B. Brewster, Hartford.....              | 1897         | “ Southern: Boyd Vincent, Coadjutor, Cincinnati.....            | 1889         |
| Dakota, N.—Cameron Mann (missionary), Fargo.....            | 1901         | Oklahoma and Indian Ter.—F. K. Brooke (miss.), Guthrie.....     | 1893         |
| S.—Wm. Hobart Harr (missionary), Sioux Falls.....           | 1873         | Oregon—Benjamin Wistar Morris, Portland.....                    | 1868         |
| Delaware—Leighton Coleman, Wilmington.....                  | 1883         | Pennsylvania—Ozi William Whitaker, Philadelphia.....            | 1869         |
| District of Columbia—Washington: H. V. Satterlee.....       | 1896         | “ A. Mackay Smith, Coadjutor, Philadelphia.....                 | 1902         |
| Florida—Edwin Gardner Weed, Jacksonville.....               | 1886         | “ Pittsburgh: Cortland Whitehead.....                           | 1882         |
| “ Southern: William Crane Gray (miss.), Orlando.....        | 1892         | “ Central: Ethelbert Talbot, South Bethlehem.....               | 1887         |
| Georgia—C. Kinloch Nelson, Atlanta.....                     | 1892         | Rhode Island—Thomas Mark Clark, Providence.....                 | 1854         |
| I Idaho—Boise: James B. Funsten (missionary).....           | 1899         | “ W. N. McVicker, Coadjutor, Providence.....                    | 1897         |
| Illinois—Chicago: William Edward McLaren.....               | 1875         | South Carolina—Ellison Capers, Columbia.....                    | 1893         |
| “ Charles Palmerston Anderson, Coadjutor.....               | 1900         | Tennessee—Thomas F. Gailor, Memphis.....                        | 1893         |
| “ Quincy: Frederick William Taylor.....                     | 1901         | Texas—George Herbert Kinsolving, Austin.....                    | 1892         |
| “ Springfield: George Franklin Seymour.....                 | 1878         | “ Dallas: Alex. C. Garrett.....                                 | 1874         |
| Indiana—Indianapolis: Joseph M. Francis.....                | 1889         | “ Western: James S. Johnston (miss.), San Antonio.....          | 1888         |
| “ Michigan City: John H. White.....                         | 1895         | Utah—Salt Lake: Abiel Leonard (miss.), Salt Lake City.....      | 1888         |
| Iowa—Theodore N. Morrison, Davenport.....                   | 1879         | Vermont—Arthur C. A. Hall, Burlington.....                      | 1894         |
| Kansas—Frank R. Millspaugh, Topeka.....                     | 1895         | Virginia—Robert A. Gibson, Richmond.....                        | 1897         |
| “ Salina: Sheldon Munson Griswold, elect.....               | .....        | “ Southern: Alfred M. Randolph, Norfolk.....                    | 1883         |
| Kentucky—Thomas Underwood Dudley, Louisville.....           | 1875         | West Virginia—George William Peterkin, Parkersburg.....         | 1878         |
| “ Lexington: Lewis W. Burton.....                           | 1896         | “ W. L. Gravatt, Coadjutor, Charlestown.....                    | 1899         |
| Louisiana—Davis Sessums, New Orleans.....                   | 1891         | Wisconsin—Milwaukee: Isaac L. Nicholson.....                    | 1891         |
| Maine—Robert Codman, Portland.....                          | 1900         | “ Fond du Lac: Charles C. Grafter.....                          | 1889         |
| Maryland—William Pare, Baltimore.....                       | 1885         | “ Reginald H. Weller, Jr., Coadjutor.....                       | 1900         |
| “ Anston: William Forbes Adams.....                         | 1889         | Washington—Olympia: Fred W. Keator, Tacoma (miss.).....         | 1902         |
| Massachusetts—William Lawrence, Cambridge.....              | 1893         | “ Spokane: Lemuel H. Wells (missionary).....                    | 1892         |
| “ Western: Alex. H. Vinton, Springfield.....                | 1902         | Wyoming—Laramie: Anson R. Graves (miss.), Kearney, Neb.....     | 1890         |
| Michigan—Thomas Frederick Davies, Detroit.....              | 1889         | Africa—Cape Palmast: S. D. Ferguson (miss.), Monrovia, Lib..... | 1885         |
| “ Marquette: Gershon M. Williams.....                       | 1896         | China—Shanghai: Frederick R. Graves (missionary).....           | 1893         |
| “ Western: George D. Gillespie, Grand Rapids.....           | 1875         | “ Hankow: James A. Ingle (missionary).....                      | 1902         |
| Minnesota—Samuel C. Edsall, Minneapolis.....                | 1899         | Japan—Tokio: John McKim (missionary).....                       | 1893         |
| “ Duluth: James D. Morrison (missionary).....               | 1897         | “ Kyoto: S. C. Partridge (missionary).....                      | 1900         |
| Mississippi—Vacant.....                                     | .....        | Hawaiian Islands—Honolulu: Henry B. Hestrick (miss.).....       | 1902         |
| Missouri—Daniel Sylvester Tuttle, St. Louis.....            | 1867         | Philippine Islands—Charles H. Brent, Manila (miss.).....        | 1901         |
| “ West: Edward Robert Atwill, Kansas City.....              | 1881         | Porto Rico (with Cuba)—James H. Van Buren.....                  | 1902         |
| Montana—Leigh R. Brewer (missionary), Helena.....           | 1880         | Charles C. Penick, late Bishop of Cape Palmas, Africa.....      | .....        |
| Nebraska—George Worthington, Omaha.....                     | 1885         | Retired, Fairmont, W. Va.....                                   | 1877         |
| “ A. L. Williams, Coadjutor, Omaha.....                     | 1899         | S. J. J. Schereschewsky, late Bishop of Shanghai, China.....    | .....        |
| New Hampshire—William Woodruff Niles, Concord.....          | 1870         | Retired, Tokio, Japan.....                                      | 1877         |
| New Jersey—John Scarborough, Trenton.....                   | 1875         | Thomas Augustus Jaggard, late Bishop of Southern Ohio.....      | .....        |
| “ Newark: Thomas A. Starkey.....                            | 1880         | Retired, Cincinnati.....                                        | 1875         |
| New York—Henry Codman Potter, New York City.....            | 1883         | Channing Moore Williams, late Bishop of China and Japan.....    | .....        |
| “ Central: Frederick D. Huntington, Syracuse.....           | 1869         | Retired, Kyoto, Japan.....                                      | 1866         |

BISHOPS OF THE METHODIST EPISCOPAL CHURCH.

| <i>Residence.</i>       | <i>Elected.</i>          | <i>Residence.</i> | <i>Elected.</i>          |                                     |      |
|-------------------------|--------------------------|-------------------|--------------------------|-------------------------------------|------|
| Thomas Bowman.....      | East Orange, N. J.....   | 1872              | James N. FitzGerald..... | St. Louis, Mo.....                  | 1888 |
| Randolph S. Foster..... | Roxbury, Mass.....       | 1872              | Isaac W. Joyce.....      | Minneapolis, Minn.....              | 1888 |
| Stephen M. Merrill..... | Chicago, Ill.....        | 1872              | Daniel A. Goodsell.....  | Chattanooga, Tenn.....              | 1888 |
| Edward G. Andrews.....  | New York City.....       | 1872              | James M. Thoburn.....    | Miss. Bis. S. Asia (N.Y. City)..... | 1888 |
| Henry W. Warren.....    | Denver, Col.....         | 1880              | Charles C. McCabe.....   | Omaha, Neb.....                     | 1896 |
| Cyrus D. Foss.....      | Philadelphia, Pa.....    | 1880              | Earl Cranston.....       | Portland, Ore.....                  | 1896 |
| John F. Hurst.....      | Washington, D. C.....    | 1880              | Joseph C. Hartzell.....  | Miss. Bis. Africa (Madeira).....    | 1896 |
| John M. Walden.....     | Cincinnati, Ohio.....    | 1884              | David H. Moore.....      | Shanghai, China.....                | 1900 |
| W. W. Duncan.....       | Auburn, Mass.....        | 1884              | John W. Hamilton.....    | San Francisco, Cal.....             | 1900 |
| Charles H. Fowler.....  | Buffalo, N. Y.....       | 1884              | Frank W. Warne.....      | Miss. Bis. S. Asia (Calcutta).....  | 1900 |
| John H. Vincent.....    | Zurich, Switzerland..... | 1888              |                          |                                     |      |

BISHOPS OF THE METHODIST EPISCOPAL CHURCH, SOUTH.

| <i>Residence.</i>      | <i>Elected.</i>       | <i>Residence.</i> | <i>Elected.</i>       |                      |      |
|------------------------|-----------------------|-------------------|-----------------------|----------------------|------|
| John C. Keener.....    | New Orleans, La.....  | 1870              | J. S. Key.....        | Sherman, Tex.....    | 1886 |
| Alpheus W. Wilson..... | Baltimore, Md.....    | 1882              | O. P. Fitzgerald..... | Nashville, Tenn..... | 1890 |
| J. C. Granberry.....   | Ashland, Va.....      | 1882              | W. A. Candler.....    | Atlanta, Ga.....     | 1898 |
| R. K. Hargrove.....    | Nashville, Tenn.....  | 1882              | H. C. Morrison.....   | Louisville, Ky.....  | 1898 |
| W. W. Duncan.....      | Sparksburg, S. C..... | 1886              | E. E. Hoss.....       | Nashville, Tenn..... | 1902 |
| E. R. Hendrix.....     | Kansas City, Mo.....  | 1886              | A. Coke Smith.....    | Charlotte, N. C..... | 1902 |
| C. B. Galloway.....    | Jackson, Miss.....    | 1886              |                       |                      |      |

BISHOPS OF THE REFORMED EPISCOPAL CHURCH.

| <i>Residence.</i>          | <i>Residence.</i>     |
|----------------------------|-----------------------|
| Charles Edward Cheney..... | Chicago, Ill.....     |
| Edward Cridge.....         | Victoria, B. C.....   |
| Samuel Follows.....        | Chicago, Ill.....     |
| P. F. Stevens.....         | Orangeburg, S. C..... |
| Edward Wilson.....         | Metuchen, N. J.....   |
| William T. Sabine.....     | New York City.....    |

BISHOPS OF THE OLD CATHOLIC CHURCH IN THE UNITED STATES.

|                                                                                   |                  |                           |               |
|-----------------------------------------------------------------------------------|------------------|---------------------------|---------------|
| J. R. Villate, Archbishop.....                                                    | Montreal, Canada | A. Kozlowski, Bishop..... | Chicago, Ill. |
| S. Kaminski, Buffalo, N. Y., is Bishop of the Polish Catholic Independent Church. |                  |                           |               |

The next triennial general convention of the Protestant Episcopal Church will be held in Boston in October, 1904.  
The next quadrennial general conference of the Methodist Episcopal Church will be held May 4, 1904, the place to be determined by the book committee.

The next general conference of the Methodist Episcopal Church, South, will be held in May, 1906, at a place not yet determined.  
The sixteenth general council of the Reformed Episcopal Church will be held in June, 1903.

## Presbyterian Assemblies.

### OFFICERS OF THE LAST GENERAL ASSEMBLY OF THE PRESBYTERIAN CHURCH IN THE UNITED STATES OF AMERICA.

*Moderator*—Rev. Henry Van Dyke, D. D., LL. D., Princeton, N. J. | *Stated Clerk*—Rev. W. H. Roberts, D. D., LL. D., 1319 Walnut Street, Philadelphia, Pa.

#### TRUSTEES.

*President*—Samuel C. Perkins, LL. D., Philadelphia. | *Corresponding Secretary*—Rev. Edward B. Hodge, D. D., 1319 Walnut Street, Philadelphia, Pa.

#### AGENCIES OF THE CHURCH.

The following may be addressed at 156 Fifth Avenue, New York City, viz.: The Board of Home Missions, the Board of Foreign Missions, and the Board of Church Erection.

The following are located at 1319 Walnut Street, Philadelphia, Pa., viz.: The Trustees of the General Assembly, the Board of Education, the Board of Publication and Sabbath-School Work, and the Board of Ministerial Relief.

The Board of Missions for Freedmen is located at 516 Market Street, Pittsburgh, Pa., and the Board of Aid for Colleges and Academies at 115 Monroe Street, Chicago, Ill.

The Church magazine, *The Assembly Herald*, has its office at 156 Fifth Avenue, New York City.

### OFFICERS OF THE LAST GENERAL ASSEMBLY OF THE PRESBYTERIAN CHURCH IN THE UNITED STATES.\*

*Moderator*—Rev. W. T. Hall, D. D., Columbia, S. C. | *Permanent Clerk*—Robert P. Farris, D. D., St. Louis, Mo.

*Stated Clerk*—Rev. W. A. Alexander, D. D., 501 College St., Clarksville, Tenn. | *President*—E. Nye Hutchinson, Charlotte, N. C. | *Secretary and Treasurer*—John R. Pharr, Charlotte, N. C.

#### SECRETARIES.

*Foreign Missions*—S. H. Chester, D. D., Nashville, Tenn. | *Education*—Rev. J. H. Lumpkin, D. D., Memphis, Tenn.

*Home Missions*—S. L. Morris, D. D., Atlanta, Ga. | *Colored Evangelization*—Rev. D. C. Lilly, Tuscaloosa, Ala.

*Publication*—J. K. Hazen, D. D., Richmond, Va. | \* Commonly known as the Southern Presbyterian Church.

## Alliance of the Reformed Churches

### THROUGHOUT THE WORLD HOLDING THE PRESBYTERIAN SYSTEM.

This organization represents ten Reformed and Presbyterian Churches in the United States, with a constituency of 6,500,000; the Presbyterian Church in Canada, with a constituency of 600,000, and more than 80 different denominations on the five continents other than North America, with a constituency of at least 25,000,000 persons. The American Secretary is the Rev. W. H. Roberts, D. D., LL. D., Philadelphia, Pa. The following are the organizations in the United States and Canada which are members of the Alliance:

#### PRESBYTERIAN CHURCH IN THE UNITED STATES OF AMERICA, COMMONLY KNOWN AS THE PRESBYTERIAN CHURCH NORTH.

*Stated Clerk*—Rev. W. H. Roberts, D. D., LL. D., 1319 Walnut Street, Philadelphia, Pa.  
Next meeting of General Assembly, Los Angeles, Cal., May 21, 1903. (Communicants, 1,045,338.)

#### PRESBYTERIAN CHURCH IN THE UNITED STATES, COMMONLY KNOWN AS THE PRESBYTERIAN CHURCH SOUTH.

*Stated Clerk*—Rev. W. A. Alexander, D. D., 501 College Street, Clarksville, Tenn.  
Next meeting of General Assembly, Lexington, Va., May 21, 1903. (Communicants, 229,642.)

#### UNITED PRESBYTERIAN CHURCH OF NORTH AMERICA.

*Stated Clerk*—Rev. William J. Reid, D. D., 244 Oakland Avenue, Pittsburgh, Pa.  
Next meeting of the General Assembly, Tarkio, Mo., May 27, 1903. (Communicants, 132,476.)

#### CUMBERLAND PRESBYTERIAN CHURCH.

*Stated Clerk*—Rev. J. M. Hubbert, Lebanon, Tenn.  
Next meeting of General Assembly, Nashville, Tenn., May 21, 1903. (Communicants, 184,493.)

#### REFORMED (DUTCH) CHURCH IN AMERICA.

*Stated Clerk*—Rev. W. H. De Hart, Raritan, N. J.  
Next meeting of General Synod, Asbury Park, N. J., June 3, 1903. (Communicants, 112,898.)

#### REFORMED (GERMAN) CHURCH IN THE UNITED STATES.

*Stated Clerk*—Rev. J. P. Stein, Reading, Pa.  
Next meeting of the General Synod, Allentown, Pa., May 16, 1905. (Communicants, 255,408.)

#### REFORMED PRESBYTERIAN CHURCH, GENERAL SYNOD.

*Stated Clerk*—Rev. James Y. Boice, D. D., 2213 Spring Garden Street, Philadelphia, Pa.  
Next meeting of the General Synod, South Ryegate, Vt., May 20, 1903. (Communicants, 4,500.)

#### ASSOCIATE REFORMED SYNOD OF THE SOUTH.

*Stated Clerk*—Rev. James Boyce, Due West, S. C.  
Next meeting of the Synod, November, 1903. (Communicants, 11,703.)

#### SYNOD OF THE REFORMED PRESBYTERIAN CHURCH.

*Stated Clerk*—Rev. S. G. Shaw, Ph. D., 45 Antrim Street, Cambridge, Mass.  
Next meeting of the Synod, Hopkinton, Ia., May 27, 1903. (Communicants, 9,722.)

#### WELSH PRESBYTERIAN CHURCH.

*Stated Clerk*—Rev. D. Edwards, Lake Crystal, Minn.  
Next meeting of General Assembly, Venedocia, O., September, 1904. (Communicants, 13,500.)

#### THE PRESBYTERIAN CHURCH IN CANADA.

*Stated Clerk*—Rev. Robert Campbell, D. D., Montreal, Canada  
Next meeting of General Assembly, Vancouver, B. C., June 9, 1903. (Communicants, 219,570.)

#### PRESBYTERIAN CHURCH OF MEXICO, GENERAL SYNOD.

*Stated Clerk*—Rev. William Wallace, Saltillo, Mexico.  
Next meeting of the Synod, July, 1903. (Communicants, 6,000.)

## American Unitarian Association.

THIS Association was organized in Boston, Mass., May 25, 1825, and incorporated in 1847. Its objects, as defined in the report of the Committee on Organization, are as follows:

1. To collect and diffuse information respecting the state of Unitarian Christianity in our country.
2. To produce union, sympathy, and cooperation among liberal Christians.
3. To publish and distribute books and tracts, inculcating correct views of religion, in such form and at such price as shall afford all an opportunity of being acquainted with Christian truth.
4. To supply missionaries, especially in such parts of our country as are destitute of a stated ministry.
5. To adopt whatever other measures may hereafter seem expedient—such as contributions in behalf of clergymen with insufficient salaries, or in aid of building churches.

### OFFICERS.

*President*—Rev. Samuel A. Eliot, D. D., Boston, Mass.

*Vice-Presidents*—Joseph W. Symonds, LL. D., Portland, Me.; Samuel Hoar, Concord, Mass.; Judge Willard Bartlett, New York, N. Y.; George E. Adams, Chicago, Ill.; Horace

Davis, LL. D., San Francisco, Cal.; Thomas J. Morris, Baltimore, Md.

*Secretary*—Rev. Charles E. St. John, Boston, Mass.

*Assistant Secretary*—George W. Fox, Boston, Mass.

*Treasurer*—Francis H. Lincoln, Boston, Mass.

The annual meeting is held in Boston on Tuesday and Wednesday of the third week in May.

## Universalist General Convention.

THE Universalist General Convention has jurisdiction over the ecclesiastical organizations of the Universalist Church in the United States and Canadian provinces. It meets biennially, the next meeting being ordered for October, 1903. The Convention is composed of the presidents, vice-presidents, and secretaries of the State conventions, and of clerical and lay delegates from the State conventions. All laws relating to fellowship, ordination, and discipline originate in the General Convention, and it is the final court of appeal in all cases of dispute or difficulty between State conventions. It has funds to the amount of over \$350,000, the income of which, with the contributions of its constituency, is used for missionary and educational objects. The officers of the Convention are: *President*, W. D. Washburn, Minneapolis, Minn.; *Vice-President*, Hosea M. Knowlton, New Bedford, Mass.; *Secretary*, Rev. G. L. Demarest, D. D., Manchester, N. H.; *Treasurer*, Frank W. Wise, Boston, Mass.

The Young People's Christian Union of the Universalist Church was organized October 22, 1889, "to foster the religious life among the young people, to stimulate to all worthy endeavor, to train the young in the work of the Universalist Church, in the promulgation of its truth, and the increase of its power and influence." It has nearly 12,000 members, and its general officers and executive board are: *President*, Louis Annin Ames, 99 Fulton Street, New York; *Secretary*, C. N. Barney, 30 West Street, Boston, Mass.; *Treasurer*, George F. Sears, Chicago, Ill.; Rev. J. M. Atwood, Portland, Me.; Miss Elizabeth Bacon, Wyoming, O.; Miss H. Ida Curry, Washington, D. C., and W. V. Alexander, Stamford, Ct.

## The Congregational National Council

is composed of delegates from Congregational conferences and associations, and was organized November 17, 1871. It meets once in three years, and the next triennial meeting will be held in Des Moines, Ia., October, 1904. The officers are: *Moderator*, Rev. Amory H. Bradford, D. D., of Montclair, N. J.; *Secretary*, Rev. Asher Anderson, 410 Congregational House, Boston, Mass.; *Treasurer*, Rev. S. B. Forbes, of Hartford, Ct.; *Registrar*, Rev. Joel S. Ives, of Hartford, Ct.

## Reformed Church in America.\*

OFFICERS of the General Synod of the Reformed Church in America: *President*, Rev. Abbott E. Kittridge, D. D.; *Vice-President*, James M. Farrar, D. D.; *Stated Clerk*, Rev. William H. De Hart, D. D.; *Permanent Clerk*, Rev. William H. Ten Eyck, D. D.

The *Treasurers* are: Synod's Board of Direction, F. R. Van Nest; foreign missions, Rev. J. L. Amerman, *Assistant Treasurer*; domestic missions, John S. Bussing; education, Rev. Peter Quackenbush; publication, Abraham C. Holdrum. The Corresponding Secretaries of the Boards are: Foreign missions, Rev. Henry N. Cobb, D. D.; domestic missions, Rev. Charles H. Pool, D. D.; education, Rev. John G. Gebhard; publication, Rev. Isaac W. Gowen, D. D. Denominational headquarters, 25 East Twenty-second Street, New York City.

\* Known formerly as the Reformed Dutch Church.

## Luther League of America.

*President*—William C. Stoever, Philadelphia, Pa. *General Secretary*—C. G. Graner, Buffalo, N. Y. *Treasurer*—Charles F. Dinkey, Rochester, N. Y.

The first National Convention of the Luther League of America was held at Pittsburgh, Pa., October 30 and 31, 1895. The League is a Lutheran organization, linking together the Lutheran young people who are laboring for the good of the Church by means of many individual societies of various names and styles of organization, each within its own immediate church. The constitution declares that its objects shall be "to encourage the formation of the young people's societies in all Lutheran congregations in America, to urge their affiliation with their respective State or Territorial leagues, and with this league to stimulate the various young people's societies to greater Christian activity and to foster the spirit of loyalty to the Church." The aggregate enrolled membership of the various local organizations represented in the national organization is over 70,000. These are comprised in twenty States, fourteen of which already have permanent State organizations. The first local organization adopting the title of "The Luther League" was organized by delegates of six Lutheran Church societies in the City of New York, April 19, 1888.

## Woman's Christian Temperance Union.

THE following statement of the purposes of the society was prepared for THE WORLD ALMANAC by an officer of the Union:

The National W. C. T. U. was organized in Cleveland, Ohio, in 1874, and is the sober second thought of the great woman's crusade. It is now regularly organized in every State of the Union.

There are about 10,000 local unions, with a membership and following, including the children's societies, of about half a million. The W. C. T. U. has forty distinct departments of work, presided over by as many women experts, in the National Society, and in nearly every State. All the States in the Republic have laws requiring the study of scientific temperance in the public schools, and all these laws were secured by the W. C. T. U.; also the laws forbidding the sale of tobacco to minors. The first police matrons and most industrial homes for girls were secured through the efforts of this society, as were the refuges for erring women. Laws raising the age of consent and providing for better protection for women and girls have been enacted by many Legislatures through the influence of the Union.

The World's W. C. T. U. was founded through the influence of Frances E. Willard in 1883, and already has auxiliaries in more than fifty countries and provinces. The white ribbon is the badge of all the W. C. T. U. members, and is now a familiar emblem in every civilized country.

The headquarters of the National organization is Rest Cottage, Evanston, Ill. The following are the officers: *President*, Mrs. Lillian M. N. Stevens, of Maine; *Vice-President-at-Large*, Miss Anna A. Gordon; *Corresponding Secretary*, Mrs. Susanna M. D. Fry; *Recording Secretary*, Mrs. Clara C. Hoffman; *Assistant Recording Secretary*, Mrs. F. E. Beauchamp; *Treasurer*, Mrs. Helen M. Barker.

## Church Temperance Society.

**GENERAL OFFICERS.**—*President*, Rt. Rev. Thomas Clark, D. D., Bishop of Rhode Island; *Vice-Presidents*, sixty Bishops of the Protestant Episcopal Church; *Chairman*, Rt. Rev. Leighton Coleman, D. D., Bishop of Delaware; *Vice-Chairman*, Rev. W. R. Huntington, D. D., of New York; *Treasurer*, Irving Grinnell; *General Secretary*, Robert Graham. The Society was organized within the Protestant Episcopal Church in 1881. Its adult membership combines those who temperately use and those who totally abstain from intoxicating liquors as beverages. It works on the lines of moral as well as of legal suasion, and its practical objects are: 1. Training the young in habits of temperance. 2. Rescue of the drunkard. 3. Restriction of the saloon by legislation. 4. Counteractive agencies, such as coffee-houses, workingmen's clubs, reading-rooms, and other attractive wholesome resorts. The Church Temperance Legion (comprising the Knights of Temperance, Young Crusaders, and Veteran Knights) deals with boys, seeking to induce them to keep sober, pure, and reverent from the earliest years of manhood, and it endeavors to perpetuate those habits in men. Headquarters, the Church Mission House, New York. The officers of the Women's Auxiliary are: *President*, Mrs. George S. Bowdoin; *Vice-President*, Mrs. Irving Grinnell; *Corresponding Secretary*, Miss H. D. Fellows; *Recording Secretary*, Miss H. K. Graham.

## Society of St. Vincent de Paul.

THIS great Roman Catholic organization, founded in Paris, France, in which its head office is located, has branches in every part of the civilized world. Its principal mission is the care of the poor in their homes to the end that the unity of the family may be preserved, but it conducts many other works of charity, such as free employment bureaus, Summer homes, boys' clubs, hospital and prison visitation committees, etc.

The local or parish branches of the Society are known as conferences; these conferences are grouped in sections under the jurisdiction of Particular and Central Councils, and the latter, in the United States, are under the jurisdiction of the Superior Council, which is located in New York City, with its office at No. 2 Lafayette Place.

The officers of the Superior Council are as follows: *Spiritual Director*, The Most Rev. Archbishop John M. Farley; *President*, Jeremiah Fitzpatrick; *Vice-Presidents*, Joseph A. Kernan, James E. Dougherty, and Thomas M. Mulry; *Secretary*, John J. Pulley; *Treasurer*, Michael J. Scanlan.

## Catholic Total Abstinence Union of America.

FOUNDED 1872. Subordinate unions, 30 (embracing 1,038 societies); members, 85,729. *President*, Rev. W. J. Shanley, Hartford, Ct.; *Secretary*, Rev. A. P. Doyle, New York City; *Treasurer*, Rev. J. J. Curran, Wilkes-Barre, Pa.

## Christian and Missionary Alliance.

**OFFICERS.**—*President and General Superintendent*, Rev. A. B. Simpson, 692 Eighth Avenue, New York City; *Secretary*, A. E. Funk; *Treasurer*, David Crear.

The Christian Alliance was founded in 1887. It combined with the International Missionary Alliance in 1897, and the present title was adopted. Membership consists of all professing Christians who shall subscribe to the principles of the order and enroll their names. The objects of the Alliance are stated to be "Wide diffusion of the Gospel in its fulness, the promotion of a deeper and higher Christian life, and the work of evangelization, especially among the neglected classes in distant and especially in heathen countries." State auxiliary and local branches are being rapidly formed. Connected with the Alliance are the Missionary Training Institute, Institute for the Training of Home Workers, Berachah Home, and Berachah Orphanage. The headquarters of the Alliance are in New York, but some of its buildings are located at Nyack, N. Y.

## The Young People's Christian Union.

THE Young People's Christian Union of the United Brethren in Christ was organized June 5, 1890. It is a union of all forms of young people's societies within the Church, uniting them for the purpose of denominational direction. There are now in this Union 2,135 societies, of which 446 are junior societies. The total membership is over 80,000. A mission church has been built in Los Angeles, Cal., to which over \$5,000 has been paid. The *Watchword* is the organ of the Union. H. F. Shupe, Dayton, Ohio, is editor. The principal officers are: *President*, Rev. J. G. Huber, Dayton, Ohio; *Corresponding Secretary*, Rev. C. W. Brewbaker, Canton, Ohio; *Recording Secretary*, Miss Lizzie Sheets, Vermillion, Ill.; *Treasurer*, E. Jay Rogers, Dayton, Ohio.

## Young Men's Christian Associations.

**OFFICERS OF THE INTERNATIONAL COMMITTEE.**—Office, No. 3 West Twenty-ninth Street, New York. *Chairman*, Lucien C. Warner; *Treasurer*, Frederick B. Schenck; *General Secretary*, Richard C. Morse. *Board of Trustees*—*Treasurer*, Jas. G. Cannon, New York City. The International Committee is the general executive of the Associations of North America. It consists of 45 representative Christian laymen, and employs a force of 48 secretaries in the home and 31 in the foreign fields.

**OFFICERS OF THE CENTRAL INTERNATIONAL COMMITTEE.**—Headquarters, No. 3 Général Dufour, Geneva, Switzerland. *Chairman*, Edouard Barde; *Secretary*, Louis Perrot; *Treasurer*, Henry Fatio; *General Secretaries*, Charles Fermaud and Christian Philidius. The committee is composed of members representing America, Australia, Austria-Hungary, Belgium, Denmark, Great Britain, France, Germany, Italy, Netherlands, Norway, Portugal, Russia, Spain, South Africa, Sweden, Switzerland, Japan, and India.

**OFFICERS OF THE STATE EXECUTIVE COMMITTEE OF THE YOUNG MEN'S CHRISTIAN ASSOCIATIONS OF THE STATE OF NEW YORK.**—General office, No. 156 Fifth Avenue, New York. *Chairman*, Edmund P. Platt; *Treasurer*, Samuel Woolverton; *General Secretaries*, John W. Cook and George A. Hall. This committee was incorporated under the laws of New York April 14, 1886, having for its object, "the establishing and assisting Young Men's Christian Associations, and generally to provide for the spiritual, intellectual, physical, and social well-being of young men in accordance with the aims and methods of Young Men's Christian Associations of the State of New York." The membership in the State is 43,639, divided as follows: General, 24,772; Railroad, 9,925; Student, 2,583; French and German, 473; Boys' Departments, 5,442; "Sections" and county work, 444. A biennial meeting of the State Association, comprising the 144 Associations and 10 "Sections," etc., in the State, is held in February, the even years.

**OFFICERS OF THE YOUNG MEN'S CHRISTIAN ASSOCIATION OF THE CITY OF NEW YORK.**—General office, No. 156 Fifth Avenue, New York. *President*, Cleveland H. Dodge; *Treasurer*, Samuel Sloan, Jr.; *General Secretary*, Henry M. Orne.

There are 6,335 associations in the world, of which 1,575 are in North America. The total membership of these American associations is 323,224; they occupy 414 buildings of their own, valued at \$22,803,030, and have 736 libraries, containing 544,275 volumes. They have 29,132 young men as students in evening educational classes, and 89,960 in their physical departments. They employ 1,612 general secretaries and other paid officials, and expended last year for current expenses—local, State, and international—\$3,535,783.

## The World's Young Women's Christian Association.

The World's Young Women's Christian Association was formed in 1894. Nine national associations are now affiliated: Great Britain, United States, Canada, Germany, Italy, France, Norway, Sweden, and India. The headquarters are in London. Office, 26 George Street, Hanover Square, West. The Executive Committee is composed of a resident membership in London and two representatives from America. Mrs. George W. Campbell is Chairman, Miss Annie M. Reynolds, General Secretary. The second World's Conference was held in Geneva, Switzerland, July, 1902.

The American Committee was formed in 1886. General office, 1312 Champlain Building, 126 State Street, Chicago, Ill.; Eastern office, 421 United Charities Building, New York City. There are now associations affiliated with the American Committee in 420 colleges and 75 cities, with 22 State organizations. Each State holds an annual convention. The national convention occurs biennially, and will meet in April, 1903, at Wilkes-Barre, Pa. Each year four conferences are held to train volunteer workers in Bible study and association work. These meet at Capitola, Cal.; Asheville, N. C.; Lake George, N. Y., and Lake Geneva, Wis. Attendance in 1902, 2,025. Training institutes are conducted to prepare young women for positions as secretaries. *The Evangelist*, the official organ of the Association, is published monthly at Chicago. America joins with the World's Association in observing the second week in November as a week of prayer for young women. The Student Department of the American Committee is one of the members of the World's Student Christian Federation, and the Student Volunteer Movement for Foreign Missions is also connected directly with the Student Department. Mrs. J. S. Griffith is Chairman, Miss Harriet Taylor is General Secretary of the American Committee. Membership of local associations connected with the American Committee, 52,000.

## American Tract Society.

This Society was founded in 1825. During seventy-seven years it has been publishing books, tracts, and periodicals, representing the best Christian literature approved by all Evangelical Christians, and is the almoner of their gifts to the destitute. Its total issues at home, in twenty languages, number 480,860,000 copies. It has helped Foreign Missions, in one hundred languages, to many millions of copies. Its colporteurs have visited over 15,000,000 families. Offices, 150 Nassau Street, New York. *President*, Major-General O. O. Howard; *Secretaries*, William W. Rand, D. D., George L. Shearer, D. D., and John H. Kerr, D. D.

## American Bible Society.

The American Bible Society was founded in 1816. It is a charitable institution, whose sole object is to encourage a wider circulation of the Scriptures without note or comment. It invites the contribution and cooperation of "all who accept the Bible as their rule of life and believe that every human being is entitled to know what it teaches concerning truth and duty." The officers are a president and twenty-six vice-presidents, headed by the Hon. J. L. Chamberlain, Maine. Among the others are General O. O. Howard, Vt.; Cortlandt Parker, N. J.; Hon. Frank M. Cockrell, Mo.; Hon. John W. Foster, D. C.; T. A. Brouwer, N. Y.; Cyrus Northrop, Minn.; James H. Carlisle, S. C.; Hon. Howard Van Epps, Ga.; James H. Taft, N. Y.; Annis Merrill, Cal.; Hon. W. P. Dillingham, Vt.; Hon. David J. Brewer, D. C.; Hon. James A. Beaver, Pa.; D. C. Gilman, Md., and Elbert A. Brinckerhoff, N. J., and John N. Stearns, N. Y., Y. P. There are thirty-six managers, divided into four classes as to terms of office. The Secretaries are: Rev. John Fox, D. D., Rev. W. L. Haven, D. D., and Rev. E. P. Ingersoll, D. D. The Treasurer is William Foulke. The issues for the years 1901-1902 were 1,723,791 copies, and for the eighty-six years of the existence of the Society, 70,677,225 copies. This includes Bibles in many foreign tongues, and the languages of several American Indian tribes. (The British and Foreign Bible Society, established in 1804, has distributed to March 31, 1902, 175,038,965 copies.) The offices of the Society are at the Bible House, Fourth Avenue, New York.

## Young People's Society of Christian Endeavor.

OFFICERS OF THE UNITED SOCIETY OF CHRISTIAN ENDEAVOR.—Office, Tremont Temple, Boston, Mass. *President*, Rev. Francis E. Clark, D. D.; *Treasurer*, Wm. Shaw; *Field Secretary*, Rev. Clarence E. Eberman.

Each society is in some local church, and in no sense outside. It exists simply to make the young people loyal and efficient members of the Church of Christ. It is the Church training the young. Its motto is, "For Christ and the Church." In November, 1902, there were 62,194 societies, with a membership of 3,700,000, chiefly in the United States and Canada, and in Australia, Great Britain, China, India, Japan, and in all missionary lands. It is found in about the same proportions in all the great evangelical denominations and in all their subdivisions.

The United Society is simply the bureau of information for all the societies. It prints the literature, supports one general secretary, and is the general headquarters of the work. It levies no taxes, however, and assumes no authority, but every society manages its own affairs in its own way. It is supported by the sales of its literature, badges, etc. It is managed by a board of trustees, representing the great evangelical denominations, the President being Francis E. Clark, D. D., the founder of the society; Field Secretary, Rev. Clarence E. Eberman; Treasurer, William Shaw. The executive committee of the board of trustees meets quarterly to consult concerning the best interests of the society. The next international convention will be held in Denver, July 9-13, 1903.

## American Board of Commissioners for Foreign Missions.

THE head office of the American Board of Commissioners for Foreign Missions is at the Congregational House, 14 Beacon Street, Boston, Mass. There are two district offices, at the United Charities Building, Twenty-second Street and Fourth Avenue, New York City, Rev. C. C. Creelan, D. D., District Secretary, and at 153 La Salle Street, Chicago, Ill., Rev. A. N. Hitchcock, Ph. D., District Secretary. The following is a list of the officers of the Board elected at the last annual meeting: *President*, Samuel B. Capen, L. D., Boston, Mass.; *Vice-President*, Rev. Henry Hopkins, D. D., Williamstown, Mass.; *Prudential Committee*, W. H. Davis, D. D., Albert H. Plumb, D. D., Wm. F. Ellison, G. Henry Whitcomb, Elijah Horr, D. D., Col. C. A. Hopkins, Rev. William W. Jordan, Edward C. Moore, D. D., J. M. W. Hall, Samuel C. Darling, Edward Whitin, Rev. F. E. Clark, D. D.; *Corresponding Secretaries*, Judson Smith, D. D., Charles H. Daniels, D. D., James L. Barton, D. D.; *Assistant Corresponding Secretary*, Henry W. Hicks; *Editorial Secretary*, F. E. Strong, D. D.; *Recording Secretary*, Henry A. Stimson, D. D.; *Assistant Recording Secretary*, Edward N. Packard, D. D.; *Treasurer*, Frank H. Wiggin.

The American Board, which is the oldest foreign missionary society in the United States, was organized June 29, 1810. During the past ninety-one years of its history it has sent out over 2,300 missionaries, of whom 540 are now in service. Into the more than 500 churches which have been organized by these missionaries there have been received from the first 157,658 members. The total receipts from the beginning have been about \$30,000,000.

The mission fields now occupied by the Board are: Mexico; the Hawaiian and Micronesian Islands; Japan; North China; Shansi, in Northwestern China; Foochow and Hong Kong, in Southern China; Ceylon; Madura, in Southern India; the Marathi field of Western India; East Central Africa; Southern Africa; West Central Africa; European and Asiatic Turkey; Austria, and Spain.

## United Society of Free Baptist Young People.

A GENERAL society representing the local societies of young people of the Free Baptist Denomination. The officers are as follows: *President*, E. P. Metcalf, Providence, R. I.; *Vice-President*, Rev. T. J. Mawhorter, Wawaka, Ind.; *Recording Secretary*, Miss Bertha F. Files, Lewiston, Me.; *General Secretary*, Harry S. Myers, Hillsdale, Mich.; *General Treasurer*, Rev. Arthur Given, D. D., Auburn, R. I.; *Junior Superintendent*, Mrs. Harry S. Myers, Hillsdale, Mich.; *Council*, Rev. J. H. Wolfe, Lincoln, Neb.; Miss Agnes H. Collins, South Danville, N. H.; Prof. H. T. McDonald, Harper's Ferry, W. Va.; Miss Alice Andrews, South Wayne, Wis.; Rev. R. R. Kennan, Minneapolis, Minn.; Mrs. Iva House, Lawrenceburg, Ind.; Rev. R. E. Benjamin, Farnham, Ohio; M. E. Ricker, Lewiston, Me.; Miss Lora A. Marsh, Keuka Park, N. Y.

## Baptist Young People's Union of America.

THE Union represents young people's societies connected with Baptist churches in all the States and Canada. The following are the International officers: *President*, John H. Chapman, Chicago, Ill.; *Vice-Presidents*, George Miller, Baltimore, Md.; Thomas Trotter, D. D., Wolfeville, N. S.; Samuel Seeman, Sharpsburg, Pa. *General Secretary*, Rev. Walter Calley, 324 Dearborn Street, Chicago, Ill.; *Recording Secretary*, Rev. H. W. Reed, Ph. D., Rock Island, Ill.; *Treasurer*, H. B. Osgood, Chicago, Ill. The Union was organized July 7 and 8, 1891. It holds annual meetings.

## The Brotherhood of Andrew and Philip.

THIS organization, founded in 1888, held its first federal convention in the City of New York in 1893. It is composed of members of twenty-one evangelical denominations—the Reformed Church in America, the Reformed Church in the United States, the Congregational, Presbyterian (North, South, Canadian, and United), Methodist Episcopal, Methodist Protestant, Baptist, United Brethren, Lutheran, Reformed Episcopal, Church of Christ, Progressive Brethren, Friends, United Evangelical, Free Baptist, Federal, African Methodist Episcopal, and Evangelical Association. Its objects are embodied in the statement that "Any man can belong to the Brotherhood who will promise to pray daily for the spread of the kingdom of Christ among men, and to make an earnest effort each week to bring at least one man within the hearing of the Gospel." The number of chapters of the Brotherhood in the United States is 550, and the membership 15,000 in 35 States. The Rev. Dr. Rufus W. Miller, the founder, Reading, Pa., is President of the Federal Council, and Rev. C. E. Wyckoff, Irvington, N. J., General Secretary and Treasurer. *The Brotherhood Star*, the organ of this order, is published monthly at 25 East Twenty-second Street, New York City.

## The Brotherhood of St. Andrew.

THE following was prepared for THE WORLD ALMANAC by the General Secretary:

"The Brotherhood of St. Andrew is an organization of men in the Protestant Episcopal Church. Its sole object is the spread of Christ's kingdom among men. It works under two rules, known as (1) The Rule of Prayer: To pray daily for the spread of Christ's kingdom among men, and that Christ's blessing may be upon the labors of the Brotherhood, and (2) The Rule of Service: To make at least one effort each week to bring some man nearer to Christ through His church."

There are now 1,173 active chapters, with a membership of about twelve thousand men. The Brotherhood idea has also taken root in Canada, and the Brotherhood of St. Andrew in the Church of England in the Dominion of Canada has been formed, with one hundred and eighty chapters and twelve thousand men. A similar organization has been formed in the Scottish Episcopal Church. Forty chapters have also been formed in Australia, and have been organized into a Brotherhood of St. Andrew in the Church of England in Australia. June 12, 1896, the Brotherhood of St. Andrew in the Church of England was formed.

The officers are: *President*, H. D. W. English, Editor of *St. Andrew's Cross and General Secretary*, Hubert Carleton, 341 Fourth Avenue, Pittsburgh, Pa. The Secretary will furnish information and literature to any one who may be interested in the work.

## The Daughters of the King.

The Order of the Daughters of the King was organized on Easter Evening, 1885. It is desired by its promoters that a careful distinction shall be made between the Daughters of the King and The King's Daughters. This is the older society, and differs from The King's Daughters in many important particulars. In the first place, it is more of an order than a society, and is distinctively Episcopal. Its work is definite, and is "for the spread of Christ's kingdom among young women," and the "active support of the rector's plans in the parish in which the particular chapter may be located." Its badge is a cross of silver, a Greek cross fleury, and its mottoes are "Magnanimiter Crucem Sustine" and "For His Sake." Its colors are white and blue—white, the old royal color of Israel, and blue, the color of the Virgin Mary, the "blessed daughter of Israel's King, the Mother of the King of Kings." Its constitution is framed, as far as is possible, in the terms of that of the Brotherhood of St. Andrew, the work of the two organizations being similar. The officers of the Council are: *President*, Mrs. E. A. Bradley; *Vice-President*, Mrs. E. J. Warner; *Secretary*, Miss Elizabeth L. Ryerson; *Treasurer*, Mrs. E. R. Leonard. Office of the Council, Church Missions House, 281 Fourth Avenue, New York.

## International Order of the King's Daughters and Sons.

OFFICERS OF THE CENTRAL COUNCIL.—Office, No. 156 Fifth Avenue, New York City. *President*, Mrs. F. Bottoime; *Vice-President*, Miss Kate Bond; *General Secretary*, Mrs. Mary Lowe Dickenson; *Treasurer*, Mrs. J. C. Davis; *Recording Secretary*, Mrs. Isabella Charles Davis.

The Order of The King's Daughters and Sons is a religious order of service, composed of thousands of small circles of men, women, and children united in one great organization, that is estimated now to number over half a million members. It is an inter-denominational order, and its members may be found in all churches and in almost all nations.

The badge is a small cross of silver, bearing the letters I. H. N. on one side and the date 1886 on the other, often worn with a knot of purple ribbon. The Order is an incorporated society, of which this little cross is the seal. Its headquarters are at No. 156 Fifth Avenue, New York City.

## The Epworth League.

OFFICERS OF THE EPWORTH LEAGUE.—*President*, Bishop Isaac W. Joyce, Minneapolis, Minn.; *Vice-Presidents*: Department of Spiritual Work, W. W. Cooper, Chicago, Ill.; Department of Mercy and Help, Rev. W. H. Jordan, D. D., Sioux Falls, S. Dak.; Department of Literary Work, Rev. R. J. Cook, D. D., Chattanooga, Tenn.; Department of Social Work, F. W. Tunnell, Philadelphia, Pa.; *General Secretary*, Rev. Joseph F. Berry, D. D., 57 Washington Street, Chicago, Ill.; *General Treasurer*, R. S. Copeland, M. D., Ann Arbor, Mich. The Central Office of the Epworth League is located at 57 Washington Street, Chicago, Ill.

The Epworth League was formed in May, 1889, by the union of five societies then existing in the Methodist Episcopal Church, which had under their united jurisdiction about 1,500 local societies, or "chapters," and about 6,000 members. On October 1, 1902, the Epworth League in the Methodist Episcopal Church numbered 29,600 chapters, with a membership of 2,000,000.

The Epworth League of the Methodist Episcopal Church, South, was organized at Memphis, Tenn., January, 1891. There are 5,838 chapters, with a membership of 306,580. The headquarters are at Nashville, Tenn. *President*, Bishop A. W. Candler, Atlanta, Ga.; *General Secretary*, Rev. H. M. Du Bose, D. D., Nashville, Tenn.

## National Spiritualists' Association.

THE National Spiritualists' Association of the United States of America and Dominion of Canada was organized September 29, 1893, in Chicago, Ill., and incorporated November 1, 1893, under the laws of the District of Columbia, where its permanent headquarters were established. Its objects are: "The organization of the various Spiritualist societies of the United States and Canada into one general association, for the purpose of mutual aid and cooperation in benevolent, charitable, educational, literary, musical, scientific, religious, and missionary purposes, and enterprises germane to the phenomena, science, philosophy, and religion of Spiritualism." There are 670 local associations of Spiritualists in the United States and Canada, 20 State associations, and 55 camp-meeting associations devoted to the interests of Spiritualism. The bona fide membership of these associations is 250,000, while the total number interested in Spiritualism in the United States and Canada is 1,500,000. Three hundred and fifty lecturers, ministers, and platform mediums are now actively engaged in promulgating the doctrines of Spiritualism. The number of psychics now before the public for various phases of phenomenal manifestations is 1,500, while some 10,000 persons utilize their mediumistic gifts in their homes. The Spiritualists have 96 churches, temples, auditoriums, etc., in the United States. The valuation of their public buildings, camp-meeting property, and real estate is \$1,250,000.

*President*, Harrison D. Barrett, Needham, Mass.; *Secretary*, Mrs. Mary T. Longley, 600 Pennsylvania Avenue, S. E., Washington, D. C. The eleventh annual convention will be held in Washington, D. C., October 20-23, 1903.

## Society of Mayflower Descendants.

THE Society of Mayflower Descendants was organized in the City of New York December 22, 1894, by lineal descendants of the Mayflower pilgrims, "to preserve their memory, their records, their history, and all facts relating to them, their ancestors, and their posterity." Every lineal descendant over eighteen years of age, male or female, of any passenger of the voyage of the Mayflower, which terminated at Plymouth, Mass., December, 1620, including all signers of "The Compact," are eligible to membership. The initiation fee is ten dollars and the annual dues are five dollars. The annual meeting is held November 21, the anniversary of the signing of "The Compact." Societies are organized in New York, Massachusetts, Pennsylvania, Connecticut, Ohio, Illinois, New Jersey, Michigan, Minnesota, Wisconsin, Rhode Island, and the District of Columbia, with a membership of 3,000. The officers of the National Society are: *Governor-General*, Henry E. Howland; *Deputy Governors-General*, Winslow Warren, Francis O. Allen, Josiah L. Lounbard, William L. Marsh, Herbert Jenney, Rev. Daniel F. Warren, D. D.; *Secretary-General*, Richard Henry Greene, 235 Central Park West; *Treasurer-General*, James M. Rhodes; *Elder-General*, Rev. Edward L. Clark, D. D.; *Captain-General*, Myles Standish, M. D.; *Surgeon-General*, Orlando Brown, M. D.; *Historian-General*, Theodore S. Lazell. The Governor of the New York Society is William W. Goodrich, Brooklyn, and the Secretary Ashbel P. Fitch, Jr., 32 Nassau Street, New York.

## The Huguenot Society of America.

THIS Society was organized April 13, 1883, and has its office in New York at No. 105 East Twenty-second Street. *President*, Frederic J. De Peyster; *Vice-Presidents*, William Jay, Rev. Lea Luquer, Henry M. Lester, A. T. Clearwater, Nathaniel Thayer, Richard Olney, William Ely, Col. R. L. Maury, Herbert Du Puy, Prof. Allan Marquand, Col. Henry A. Dupont, Rev. Robert Wilson; *Treasurer*, T. J. Oakley Rhineland; *Secretary*, Mrs. James M. Lawton; *Executive Committee*, the officers of the society, the chairmen of the committees on pedigrees, publication, library, and finance, and John K. Rees, Rev. A. V. Wittmeyer, C. F. Darlington, Alden Freeman, Cornelius B. Mitchell. Descent from Huguenot ancestors is the qualification necessary for membership.

## The American-Irish Historical Society.

*President-General*—John D. Crimmins, New York City. *Vice-President-General*—Morgan J. O'Brien, New York City. *Secretary-General*—Thomas Hamilton Murray, 34 Newbury Street, Boston, Mass. *Treasurer-General*—John C. Linehan, Concord, N. H. *Librarian and Archivist*—Thomas B. Lawler, New York City.

The Society was organized at Boston, Mass., January 20, 1897, for the special study of the Irish element in the composition of the American people; to investigate and record the influence of this element in the upbuilding of the nation, and to collect and publish facts relating to and illustrating that influence. The Society draws no creed lines, and is non-political. Being an American organization in spirit and principle, it greets and welcomes to its ranks Americans of whatever race descent and of whatever creed who take an interest in the special line of work for which the Society is organized. The membership roll contains the names of gentlemen of the seventh, eighth, and ninth American generations. The membership is about 1,000. The Society issues an annual bound volume called the "Journal." The annual meeting is held in New York City.

## Society of Tammany, or Columbian Order.

*Grand Sachem*—James A. O'Gorman. *Sachems*—Patrick Keenan, John F. Carroll, Daniel F. McMahon, John W. Keller, John J. Scannell, Charles F. Murphy, Randolph Guggenheimer, Maurice Featherson, Asa Bird Gardiner, George W. Plunkitt, George C. Clausen, John Fox, Thomas J. Dunn. *Secretary*—Thomas F. Smith. *Treasurer*—Peter F. Meyer. *Sagamore*—Bryan P. Henry. *Wiskinkie*—John A. Boyle.

This organization was formed in 1789, being the effect of a popular movement in New York, having primarily in view a counterweight to the so-called "aristocratic" Society of the Cincinnati. It was essentially anti-Federalist or democratic in its character, and its chief founder was William Mooney, an upholsterer and a native-born American of Irish extraction. It took its first title from a noted ancient wise and friendly chief of the Delaware tribe of Indians, named Tammany, who had, for the want of a better subject, been canonized by the soldiers of the Revolution as the American patron saint. The first meeting was held May 12, 1789. The act of incorporation was passed in 1805. The Grand Sachem and thirteen Sachems were designed to typify the President and the Governors of the thirteen original States. William Mooney was the first Grand Sachem. The Society is nominally a charitable and social organization, and is distinct from the General Committee of the Tammany Democracy, which is a political organization and cannot use Tammany Hall without the consent of the Society.

## Order of the Founders and Patriots of America.

*Governor-General*—Col. Ralph E. Prime, Yonkers, N. Y. *Deputy Governor-General*—Gen. William F. Draper, Massachusetts; *Chaplain-General*—Rev. Dryden William Phelps, Connecticut. *Secretary-General*—Gen. Ferdinand P. Earle, New York. *Treasurer-General*—George Clinton Batcheller, New York. *Attorney-General*—Edward Lang Perkins, Pennsylvania. *Registrars-General*—Tennis D. Huntting, New York. *Genealogist-General*—James Jerome Belden, New York. *Historian-General*—Franklin W. Hopkins, New Jersey. The Order was founded in 1896, its object being "to bring together and associate congenial men, whose ancestors struggled together for life and liberty, home and happiness, in the land when it was a new and unknown country, and whose line of descent from them comes through patriots who sustained the Colonies in the struggle for independence in the Revolutionary War; to teach reverent regard for the names and history, character and perseverance, deeds and heroism of the founders of this country and their patriot descendants; to teach that the purpose of the founders could have had no lasting result but for their patriot sons; to inculcate patriotism; to discover, collect, and preserve records, documents, manuscripts, monuments, and history relating to the first colonists and their ancestors and their descendants, and to commemorate and celebrate events in the history of the Colonies and the Republic." Eligibility—Any man above the age of twenty-one years, of good moral character and reputation, and a citizen of the United States, who is lineally descended, in the male line of either parent, from an ancestor who settled in any of the Colonies now included in the United States of America prior to May 13, 1657, and whose intermediate ancestors in the same line during the Revolutionary period adhered as patriots to the cause of the Colonies, shall be eligible for membership.



## Society of Colonial Wars.

*Governor-General*—Frederic J. De Peyster, New York. *Vice-Governor-General*—Howland Pell, New York. *Deputy Governors-General*—For New York, Walter L. Snydam; Pennsylvania, Richard M. Cadwalader; Maryland, Gen. Joseph L. Brent; Massachusetts, Arthur J. C. Sowdon; Connecticut, Charles E. Gross; District of Columbia, William Thompson; New Jersey, Gen. E. Burd Grubb; New Hampshire, Prof. Charles L. Parsons; Vermont, Robert Noble; Ohio, Achilles C. Fugh; California, Spencer R. Thorpe; Iowa, Samuel F. Smith; Michigan, Samuel T. Douglas; Delaware, George Gray; Rhode Island, Hunter C. White; Maine, Col. John M. Glidden. *Secretary-General*—Sammel V. Hoffman. *Deputy Secretary-General*—William B. Seaman, 45 Nassau Street, New York. *Treasurer-General*—Edward Shippen, Philadelphia. *Registrar-General*—George Norbury Mackenzie, Baltimore. *Historian-General*—Rev. Charles E. Stevens, Philadelphia. *Chaplain-General*—Rt. Rev. William Lawrence, Boston. *Surgeon-General*—V. Mott Francis, M. D., Newport, R.I. *Chancellor-General*—Prof. Theodore S. Woolsey, New Haven.

The Society of Colonial Wars was instituted in 1892 to "perpetuate the memory of these events and of the men who, in military, naval, and civil positions of high trust and responsibility, by their acts or counsel assisted in the establishment, defence, and preservation of the American Colonies, and were in truth the founders of this nation. With this end in view it seeks to collect and preserve manuscripts, rolls, and records; to provide suitable commemorations or memorials relating to the American Colonial period, and to inspire in its members the paternal and patriotic spirit of their forefathers, and in the community respect and reverence for those whose public services made our freedom and unity possible." Eligibility is confined to an adult male descendant of an ancestor who fought in battle under Colonial authority, from the settlement of Jamestown, Va., in 1607, to the battle of Lexington, in 1775, or who served as Governor, Deputy-Governor, Lieutenant-Governor, Member of the Council, or as a military, naval, or marine officer in the service of the Colonies, or under the banner of Great Britain, or was conspicuous in military, official, or legislative life during that period.

## The Settlers and Defenders of America.

A NEW hereditary-patriotic order, incorporated in 1899. *President-General*—Walter S. Carter, New York. *Vice-President-General*—Robert D. Benedict, New York. *Secretary-General*—Grenville B. Winthrop, New York. *Treasurer-General*—Rodney S. Dennis, New York. *Registrar-General*—Everett V. Abbot, New York. *President of Executive Council*—Ralph E. Prime, Yonkers. Its objects are: "To stimulate genealogical, biographical, and historical research, to publish patriotic manuscripts and records, to collect colonial and revolutionary relics, to preserve traditions, to mark patriotic graves, to locate and protect historic sites, to erect tablets and monuments, to aid in founding and erecting libraries, museums, and memorial buildings; and in all other fitting ways, through broad fellowship and coöperation, to perpetuate the memory of the Settlers and Defenders of the nation, and to exemplify and teach in all later generations their spirit of wise patriotism, to the end that we may loyally advance the purpose for which they struggled."

To be eligible, a person must be eighteen years of age, and have lineally descended (1) from a settler in one of the thirteen original Colonies, during the first thirty-three years of its settlement; (2) from one who is also lineally descended from an ancestor who, between May 13, 1607, and April 19, 1775, inclusive, rendered civil or military service in the general government of such colony; and (3) who is likewise lineally descended from an ancestor who, between April 19, 1775, and September 13, 1783, inclusive, rendered actual service to the cause of American Independence, either as a military or naval officer, soldier, seaman, privateer, militia or minute man, associator, signer of the Declaration of Independence, member of a Continental, Provincial, or Colonial Congress, or Colonial or State Legislature, or as a recognized patriot who performed or actually counselled or abetted acts of resistance to the authority of Great Britain; but no claim of eligibility through descent from a settler or from an ancestor who rendered colonial service to be valid unless the descendants of such ancestor in the line of descent of the applicant were patriots in the War of the Revolution. Women are eligible to admission, and junior chapters of the order are to be established.

## Military Order of Foreign Wars.

THE Military Order of Foreign Wars of the United States was instituted in the City of New York, December 27, 1894, by veterans and descendants of veterans of one or more of the five foreign wars which the United States had been engaged in, to wit: The War of the Revolution, the War with Tripoli, the War of 1812, the Mexican War, and the War with Spain, "to perpetuate the names and memory of brave and loyal men who took part in establishing and maintaining the principles of the Government" in said wars, and "to preserve records and documents relating to said wars, and to celebrate the anniversaries of historic events connected therewith." Since the establishment of the order the United States has fought its fifth foreign war. By an amendment to the constitution all American officers who participated in the War with Spain are rendered eligible to membership as veteran companions.

Members are entitled "companions," and are either "veteran companions" or "hereditary companions." The former are commissioned officers of the army, navy, or marine corps of the United States who participated in any of the foreign wars of the United States. The latter are direct lineal descendants, in the male line only, of commissioned officers who served honorably in any of the said wars. Commanderies may be established in each of the States, and State commanderies now exist in the States of New York, Pennsylvania, Connecticut, Illinois, California, Massachusetts, Florida, Maryland, District of Columbia, Ohio, Missouri, Vermont, Virginia, Rhode Island, Louisiana, Indiana, and Wisconsin.

The National Commandery was instituted March 11, 1896, by the officers of the New York, Pennsylvania, and Connecticut commanderies. The following are the officers of the National Commandery: *Commander-General*—Major-General Alexander S. Webb, U. S. A. *Secretary-General*—James H. Morgan, St. Paul Building, New York City. *Treasurer-General*—Edward S. Sayres. *Registrar-General*—Rev. Henry N. Wayne. *Historian-General*—Captain Samuel E. Gross, U. S. V. *Judge-Advocate-General*—Frank Montgomery Avery. *Chaplain-General*—Rev. C. Ellis Stevens. *Recorder-General*—Charles D. Walcott. There are Vice-Presidents-General representing each State society.

## Society of the Cincinnati.

## GENERAL OFFICERS.

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| President-General.....           | Hon. Winslow Warren, Mass.                     |
| Vice-President-General.....      | Hon. James Simons, LL.D., S. C.                |
| Secretary-General.....           | Hon. Asa Bird Gardiner, LL.D., L. H. D., R. I. |
| Assistant Secretary-General..... | Vacant.*                                       |
| Treasurer-General.....           | Hon. Frederick Wolcott Jackson, N. J.          |
| Assistant Treasurer-General..... | Hon. John Cropper, Va.                         |

The historic and patriotic Order of the Cincinnati was founded by the American and French officers at the cantonments of the Continental army on the Hudson at the close of hostilities in the War of the Revolution for American Independence May 10, 1783.

In forming the society it was declared that, "To perpetuate, therefore, as well the remembrance of this vast event as the mutual friendships which have been formed under the pressure of common danger, and, in many instances, cemented by the blood of the parties, the officers of the American army do hereby, in the most solemn manner, associate, constitute, and combine themselves into one Society of Friends, to endure as long as they shall endure, or any of their eldest male posterity, and in failure thereof the collateral branches who may be judged worthy of becoming its supporters and members."

For convenience, thirteen State societies were formed, and one in France, under the direct patronage of Louis XVI. Upon the roll of original members appeared the names of all the great historic military and naval characters of the Revolution, and upon the roll of honorary members, elected for their own lives only, appeared many of the signers of the Declaration of Independence.

## THE RIGHT TO MEMBERSHIP.

All Continental officers who had served with honor and resigned after three years' service as officers, or who had been rendered supernumerary and honorably discharged, in one of the several reductions of the American army, or who had continued to the end of the war, and all French officers who had served in the coöperating army under Count d'Estaing, or auxiliary army under Count de Rochambeau, and held or attained the rank of colonel for such services, or who had commanded a French fleet or ship of war on the American coast, were entitled to become original members, and upon doing so were required to contribute a month's pay.

## STATE SOCIETIES.

The Cincinnati is organically one society in membership, but for convenience in admission of members and in its charitable and patriotic objects is subdivided into State societies, there being thirteen, and the one in France, which was dispersed at the Reign of Terror in 1793, but is being re-established. Four dormant societies were restored to membership at the Triennial meeting of 1902. Membership descends to the eldest lineal male descendant, if judged worthy, and, in failure of direct male descent, to male descendants through intervening female descendants.

The general society when legislating for the good of the Order is composed of the general officers and five delegates from each State society, and meets triennially. In 1854 it ruled that proper descendants of Revolutionary officers who were entitled to original membership, but who never could avail themselves of it, are qualified for hereditary membership, if found worthy, on due application.

## GENERAL OFFICERS SINCE ORGANIZATION.

The following have been the principal general officers:

## PRESIDENTS-GENERAL.

|                                                            |                                                        |
|------------------------------------------------------------|--------------------------------------------------------|
| 1783..Gen. George Washington, LL.D., Va.                   | 1839..Major-Gen. Morgan Lewis, A. M., N. Y.            |
| 1800..Major-Gen. Alexander Hamilton, LL.D., N. Y.          | 1844..Brevet Major William Popham, N. Y.               |
| 1805..Major-Gen. Charles Cotesworth Pinckney, LL.D., S. C. | 1848..Brig.-Gen. H. A. Scammell Dearborn, A. M., Mass. |
| 1825..Major-Gen. Thomas Pinckney, A. M., S. C.             | 1854..Hon. Hamilton Fish, LL.D., N. Y.                 |
| 1829..Major-Gen. Aaron Ogden, LL.D., N. J.                 | 1896..Hon. William Wayne, A. M., Pa.                   |
|                                                            | 1902..Hon. Winslow Warren, A. M., Mass.                |

## VICE-PRESIDENTS-GENERAL.

|                                                            |                                                 |
|------------------------------------------------------------|-------------------------------------------------|
| 1784..Major-Gen. Horatio Gates, LL.D., Va.                 | 1839..Major the Hon. William Shute, N. J.       |
| 1787..Major-Gen. Thomas Mifflin, A. M., Pa.                | 1844..Hon. Horace Binney, LL.D., Pa.            |
| 1799..Major-Gen. Alexander Hamilton, LL.D., N. Y.          | 1848..Hon. Hamilton Fish, LL.D., N. Y.          |
| 1800..Major-Gen. Charles Cotesworth Pinckney, LL.D., S. C. | 1854..Hon. Charles Stewart Davies, LL.D., Mass. |
| 1805..Major-Gen. Henry Knox, A. M., Mass.                  | 1866..Mr. James Warren Sever, A. M., Mass.      |
| 1811..Brig.-Gen. John Brooks, M. D., LL.D., Mass.          | 1872..Hon. James Simons, A. M., S. C.           |
| 1825..Major-Gen. Aaron Ogden, LL.D., N. J.                 | 1881..William Armstrong Irvine, M. D., Pa.      |
| 1829..Major-Gen. Morgan Lewis, A. M., N. Y.                | 1887..Hon. Robert Milligan McLane, Md.          |
|                                                            | 1896..Hon. Winslow Warren, A. M., Mass.         |
|                                                            | 1902..Hon. James Simons, Jr., LL.D., S. C.      |

## SECRETARIES-GENERAL.

|                                           |                                                      |
|-------------------------------------------|------------------------------------------------------|
| 1783..Major-Gen. Henry Knox, A. M., Mass. | 1857..Mr. Thomas McEwen, A. M., M. D., Pa.           |
| 1799..Major the Hon. William Jackson, Pa. | 1875..Mr. George Washington Harris, Pa.              |
| 1829..Mr. Alexander W. Johnston, Pa.      | 1884..Hon. Asa Bird Gardiner, LL.D., L. H. D., R. I. |

The last triennial meeting of the general society was held at Hartford, Ct., in May, 1902. The next triennial meeting will be held at Richmond, Va., in May, 1905.

The office of the Secretary-General is at Garden City, Long Island, N. Y.

The number of living members of the Society of the Cincinnati, as reported at the triennial meeting May, 1902, is 652. The limited list of honorary members of the Order includes President Roosevelt, ex-President Cleveland, Admiral Dewey, and Lieut.-General Miles, who were admitted by the New York State Society; President Loubet, of France, who was admitted by the Rhode Island State Society, and Lieut.-General Schofield, who was admitted by the New Jersey State Society. The late President McKinley and the late ex-President Harrison were admitted by the Pennsylvania State Society. President James Monroe was an original member like Washington, and President Pierce was an hereditary member.

\* Vacancy caused by the death of Hon. Nicholas Fish, of New York, September, 1902.

## SOCIETY OF THE CINCINNATI—Continued.

The following are the presidents, vice-presidents, and secretaries of the several State societies:

| STATES.        | Presidents.                | Vice-Presidents.           | Secretaries.               |
|----------------|----------------------------|----------------------------|----------------------------|
| New Hampshire  | John Gardner Gilman.....   | John Harvey Treat.....     | Fred'k Bacon Philbrook.    |
| Massachusetts  | Winslow Warren.....        | Thornton K. Lothrop.....   | David Greene Haskins.      |
| Rhode Island   | Asa Bird Gardiner .....    | James M. Varnum.....       | George W. Olney.           |
| Connecticut    | George Bliss Sanford.....  | Henry L. Abbott .....      | Morris Woodruff Seymour.   |
| New York       | Vacant.....                | Talbot Olyphant.....       | Francis Key Pendleton.     |
| New Jersey     | Frank Landon Humphreys.    | Franklin D. Howell.....    | W. T. B. S. Imlay.         |
| Pennsylvania   | Richard Dale.....          | Francis Marinus Caldwell.  | W. Macpherson Hornor.      |
| Delaware       | Thomas David Pearce.....   | John Patten Wales.....     | Henry Hobart Bellas.       |
| Maryland       | Otho Holland Williams..... | William Henry De Courcy.   | Thomas E. Sears.           |
| Virginia       | John Cropper.....          | George Ben. Johnston.....  | Patrick Henry Cary Cabell. |
| North Carolina | Wilson Gray Lamb.....      | Vacant.....                | Charles Lukens Davis.      |
| South Carolina | James Simons.....          | Daniel E. Huger Smith..... | Henry M. Tucker, Jr.       |
| Georgia        | Walter J. Charlton.....    | Vacant.....                | George Noble Jones.        |

A society of "Daughters of the Cincinnati" was organized in New York in 1894. It is not recognized by the Society of the Cincinnati, and its assumption of the society name was formally disapproved by the general society at its triennial meeting in May, 1896.

## Sons of the Revolution.

*General President*—Ex-Gov. John Lee Carroll, Md.  
*General Vice-President*—Garrett D. W. Vroom, N. J.  
*Second General Vice-President*—Pope Barrow, Ga.  
*General Treasurer*—R. M. Cadwalader, Pa.  
*Assistant General Treasurer*—Henry Cadle, Mo.

*General Secretary*—J. M. Montgomery, N. Y.  
*Assistant General Secretary*—Wm. H. Harris, Md.  
*General Registrar*—Walter Gilman Page, Mass.  
*General Historian*—H. W. Dudley, Ill.  
*General Chaplain*—Rev. Thos. E. Green, D. D., Iowa

The society of the "Sons of the Revolution" was organized in New York in 1875 by John Austin Stevens, in conjunction with other patriotic gentlemen of Revolutionary ancestry. The New York Society was instituted February 22, 1876; reorganized December 3, 1883, and incorporated May 3, 1884, to "keep alive among ourselves and our descendants the patriotic spirit of the men who, in military, naval, or civil service, by their acts or counsel, achieved American independence; to collect and secure for preservation the manuscript rolls, records, and other documents relating to the War of the Revolution, and to promote intercourse and good feeling among its members now and hereafter." Eligibility to membership is confined to male descendants, above the age of twenty-one years, from an ancestor who as either a military, naval, or marine officer, soldier, sailor, or marine, or official in the service of any one of the thirteen original Colonies or States, or of the National Government, representing or composed of those Colonies or States, assisted in establishing American independence during the War of the Revolution between the 19th day of April, 1775, when hostilities commenced, and the 19th day of April, 1783, when they were ordered to cease. The last triennial meeting of the general society was held at Washington, D. C., beginning April 19, 1902. The next triennial meeting of the general society will be held in the City of Washington April 19, 1905.

The officers of the New York Society Sons of the Revolution are as follows: *President*—Frederick Samuel Tallmadge. *Vice-President*—Alexander R. Thompson. *Secretary*—Morris P. Ferris, 146 Broadway. *Treasurer*—Arthur Melvin Hatch. *Registrar*—Prof. H. P. Johnston. *Historian*—Talbot Olyphant. *Chaplain*—Rev. Morgan Dix.

There are thirty State societies and a society in the District of Columbia. The aggregate membership is 7,560, that of the New York Society being over 2,000, and the Pennsylvania Society over 1,000.

## Sons of the American Revolution.

*President-General*—Edwin Warfield, Md.  
*Vice-Pres. - Gen.*—Cornelius A. Pugsley, N. Y.  
*Vice-Pres. - Gen.*—Capt. Samuel Eberly Gras, Ill.  
*Vice-Pres. - Gen.*—Noble D. Larner, D. C.  
*Vice-Pres. - Gen.*—Howard De Haven Ross, Del.

*Vice-Pres. - Gen.*—Col. Albert J. Logan, Pa.  
*Secretary-General*—Charles Waldo Haskins, N. Y.  
*Treasurer-General*—Nathan Warren, Mass.  
*Registrar-General*—A. Howard Clark, D. C.  
*Chaplain-General*—Rufus W. Clark, D. D., Mich.

The National Society of "Sons of the American Revolution" was organized in New York April 30, 1889, and chartered in Connecticut in 1890. Its purposes are the same as those of the older organization, the "Sons of the Revolution." State societies exist in thirty-eight States, the District of Columbia, and Hawaii. A California society of descendants of Revolutionary patriots, entitled "Sons of Revolutionary Sires," organized July 4, 1875, having reorganized and changed its name in 1889, has been admitted to membership. A formal movement by this society and the "Sons of the Revolution" toward a union was attempted in 1892, and again in 1897, but was not successful. The total membership of the organization, according to the report of the Registrar-General made at the annual congress of the general society at New York City, April 30, 1902, was 10,351. The Massachusetts Society has 1,424, the New York Society 1,295, and the Connecticut Society 977 members.

The New York or Empire State Society was organized February 11, 1870. The following are the officers: *President*—Walter S. Logan. *Secretary*—Louis H. Cornish, 239 Broadway, New York. *Registrar*—Teunis D. Hunting. *Historian*—Gen. Horatio King, Brooklyn, N. Y.

## Aztec Club of 1847.

*President*—Dr. J. W. Brannan, New York. *Vice-President*—Gen. Francis E. Pinto, Brooklyn, N. Y. *Secretary*—Macrae Sykes, Kingsbridge, New York City. *Treasurer*—William Turnbull, New York. *Vice-Treasurer*—E. H. Floyd-Jones, New York.

This society, originally composed of officers of the United States army who served in the war with Mexico, was formed in the City of Mexico in 1847, and has been continued, "with a view to cherish the memories and keep alive the traditions that cluster about the names of those officers who took part in the Mexican War." Membership is confined to officers of the army, navy, and marine corps who served in the war or their blood relatives. Each primary member may nominate as his successor his son or a blood relative, who during the life of the primary member is known as an associate member, and on the death of the former is entitled, as his representative, to full membership. There are 221 members.

**Societies of the War of 1812.****SOCIETY OF THE WAR OF 1812 AND VETERAN CORPS OF ARTILLERY IN THE STATE OF NEW YORK.**

INSTITUTED as a military society by the veterans of the War of 1812, on January 3, 1826, in the City of New York, and incorporated under the laws of the State of New York by the surviving veteran members, January 8, 1892.

The officers are: *President*—Rev. Morgan Dix, D. D., D. C. L. *Vice-President*—Asa Bird Gardiner, LL. D., L. H. D. *Secretary*—Howland Pell, 27 William Street, New York. *Assistant Secretary*—Charles Isham. *Treasurer*—Charles Augustus Schermerhorn.

The original members comprise those who actually served in the military or naval forces of the United States during the War of 1812, or on vessels other than merchant ships which sailed under commissions of letters of marque and reprisal from the United States in that war.

Eligibility to hereditary membership is confined to descendants of commissioned officers who actually served in the War of 1812, and descendants of former members of the Society in the State of New York, and of other military societies of 1812.

The purposes of the order are to inspire among the members and among the American people the patriotic spirit of the men who, during the War of 1812, defended their country against hostile encroachments on its rights and interests and caused its sovereignty and independence to be respected; to inculcate and maintain the great principles of the laws of nations for which they contended; to collect and preserve the manuscript rolls, records, and other documents relating to that war, and to commemorate the land and naval victories of the American arms in that war; to undertake and assist in the erection of proper memorials thereof; to perpetuate the mutual friendships formed in that war under the pressure of common danger, and to promote fellowship among the members of every degree.

**THE GENERAL SOCIETY OF THE WAR OF 1812.**

Composed of federated State societies, in Pennsylvania, Maryland, Massachusetts, Connecticut, Ohio, Illinois, District of Columbia, New York, New Jersey, and Delaware, the members of each of which State Societies are borne upon the membership roll of the General Society. Any male person above the age of twenty-one years who participated in, or who is a lineal descendant of one who served during the War of 1812-14 in the army, navy, revenue-marine, or privateer service of the United States, offering satisfactory proof to the State Society to which he makes application, and is of good moral character and reputation, may become a member. In case of failure of lineal descendants of an actual participant in said war, one collateral representative who is deemed worthy may be admitted to membership. The officers are: *President-General*—John Cadwalader, Philadelphia, Pa. *Secretary-General*—Henry Randall Webb, 727 Nineteenth Street, N. W., Washington, D. C. *Assistant Secretary-General*—Henry Harmon Noble, Albany, N. Y. *Treasurer-General*—Frederick Bacon Philbrook, Boston, Mass. *Registrar-General*—Albert K. Hadck, M. D., Baltimore, Md. *Captain-General*—Rt. Rev. Leighton Coleman, S. T. D., LL. D., Bishop of Delaware.

**Naval Order of the United States.**

THE Naval Order of the United States is composed of a General Commandery and commanderies in the States of Massachusetts, Pennsylvania, New York, California, and Illinois, and in the District of Columbia. The General Commandery meets triennially on October 5, and the State Commanderies meet annually in the month of November. The Massachusetts Commandery is the parent Commandery, and was organized at Boston on July 4, 1890. The General Commandery was established three years later, on June 19, 1893. The Companions of the Order are officers and the descendants of officers who served in the navy and marine corps in any war or in any battle in which the said naval forces of the United States have participated. The membership clause, as adopted at the triennial congress held at Boston October 5, 1895, provides for two classes of members: First, veteran officers and their male descendants, and, second, enlisted men who have received the United States naval medal of honor for bravery in the face of the enemy.

The officers of the General Commandery are: *General Commander*—Rear-Admiral John G. Walker. *Vice-General Commanders*—Admiral George Dewey, Rear-Admiral George E. Belknap, Real-Admiral Albert S. Barker. *General Recorder*—Lieutenant-Commander S. Hubbard, 108 Fifth Avenue, New York. *Assistant General Recorder*—Rodney Macdonough. *General Treasurer*—Jarvis B. Edson, late U. S. N. *General Registrar*—J. V. P. Turner, late U. S. N. *General Historian*—Capt. R. S. Collum, U. S. M. C. *General Chaplain*—Rev. George Williamson Smith, D. D.

**Medal of Honor Legion.**

THE Legion is composed of officers and enlisted men of the Union Army who, during the Civil War, were awarded Medals of Honor for special acts of bravery and devotion. Fifteen hundred of these medals are worn by veterans of the army, and 600 by naval veterans, of which 69 have been awarded on account of the War with Spain. At the last annual convention the following officers were elected: *Commander*—Daniel E. Sickles, New York. *Senior Vice-Commander*—Llewellyn G. Estes, Washington, D. C. *Junior Vice-Commander*—Joseph O. Gregg, Great Falls, Mont. *Chaplain*—James Miller, Philadelphia. *Adjutant*—W. J. Wray, Philadelphia. *Quartermaster*—Noble D. Preston, Philadelphia. *Judge-Advocate*—Charles A. Clark, Cedar Rapids, Ia. *Inspector*—W. L. Hill, Portsmouth, N. H. *Historian*—J. Madison Drake, Elizabeth, N. J. *Executive Committee*—Stephen B. Corliss, Chairman, Albany, N. Y.; M. Emmett Urell, Washington; John C. Hunterson, Philadelphia; Sylvester H. Martin, Philadelphia; John F. Mackie, Philadelphia.

**Order of Veterans of Indian Wars of the United States.**

*Commander*—Brig.-Gen. Judson D. Bingham. *Vice-Commander*—Col. John V. Purey. *Recorder and Treasurer*—Capt. Henry Hobart Bellas, 421 South Forty-fourth Street, Philadelphia. *Assistant Recorder*—Lieut. George R. Burnett. *Historian*—Brig.-Gen. Charles King. *Council*—Col. John A. Wilcox, Capt. J. M. Walton, Major G. S. Bingham, Major H. E. Smith.

This order was instituted by officers of the United States Army in Philadelphia April 23, 1896. The objects are "to perpetuate the faithful services, heroisms, and privations of the officers and soldiers of the Army of the United States of America, as well as of the auxiliary forces of the several States of the Union, in their successive campaigns conducted against a savage foe on our frontiers, in the interests of civilization and for the settlement and defence of our territories, at different periods in the history of our common country since the close of the War of the Revolution and also to collect and preserve for publication a record of these services and other historical data relating thereto, as well as to unite in a fraternal bond of union all those who are entitled to membership therein."

## Military Order of the Loyal Legion.

*Commander-in-Chief*—Lieut.-Gen. John M. Schofield. *Senior Vice-Commander-in-Chief*—Rear-Admiral George Brown. *Junior Vice-Commander-in-Chief*—Brevet Col. Horatio C. King. *Recorder-in-Chief*—Brevet Lieut.-Col. John P. Nicholson. *Registrar-in-Chief*—Brevet Major William F. Huxford. *Treasurer-in-Chief*—Paymaster George De F. Barton. *Chancellor-in-Chief*—Brevet Brig.-Gen. William L. James. *Chaplain-in-Chief*—Brevet Major Henry S. Burrage, D. D. *Council-in-Chief*—Brevet Major George W. Chandler, Col. Henry L. Swords, Capt. Roswell H. Mason, Brevet Major A. M. Van Dyke, First Lieut. W. L. Greenleaf.

The Military Order of the Loyal Legion of the United States was organized by officers and ex-officers of the army, navy, and marine corps of the United States who took part in the Civil War of 1861-65. Membership descends to the eldest direct male lineal descendant, according to the rules of primogeniture. There are 20 commanderies, each representing a State, and one commandery representing the District of Columbia. The total membership of the Loyal Legion is about 10,000.

### ROLL OF COMMANDERIES.

| No. | Commandery of the—   | Headquarters.    | Instituted.   | Recorders.                         | Address.                  |
|-----|----------------------|------------------|---------------|------------------------------------|---------------------------|
| 1   | State of Pa. ....    | Philadelphia.    | Apr. 15, 1865 | Brev. Lieut.-Col. J. P. Nicholson. | 139 South 7th St., Phila. |
| 2   | State of N. Y. ....  | N. Y. City ..... | Jan. 17, 1866 | Asst. Paymaster A. N. Blakeman     | 140 Nassau St., New York  |
| 3   | State of Maine. .... | Portland .....   | Apr. 25, 1866 | Brevet Major Henry S. Burrage.     | Oxford Bldg., Portland.   |
| 4   | State of Mass. ....  | Boston .....     | Mar. 4, 1868  | Col. Arnold A. Rand .....          | 19 Milk St., Boston.      |
| 5   | State of Cal. ....   | San Francisco    | Apr. 12, 1871 | Brev. Lieut.-Col. W. R. Smedberg   | 224 Sansome St., S. Fran. |
| 6   | State of Wis. ....   | Milwaukee .....  | May 15, 1874  | Capt. A. Ross Houston .....        | Milwaukee.                |
| 7   | State of Illinois    | Chicago .....    | May 8, 1879   | Capt. Roswell H. Mason .....       | 76 Monroe St., Chicago.   |
| 8   | District of Col. .   | Washington .     | Feb. 1, 1882  | Brevet Major Wm. P. Huxford.       | Atlantic Bldg., Wash.     |
| 9   | State of Ohio. ....  | Cincinnati .     | May 3, 1882   | Brevet Major A. M. Van Dyke.       | Cincinnati.               |
| 10  | State of Mich. ....  | Detroit .....    | Feb. 4, 1885  | Brevet Brig.-Gen. F. W. Swift ..   | Detroit.                  |
| 11  | State of Minn. ....  | St. Paul .....   | May 6, 1885   | Lieut. David L. Kingsbury .....    | St. Paul.                 |
| 12  | State of Oregon      | Portland .....   | May 6, 1885   | Capt. Gaylin E. Caukin .....       | Portland.                 |
| 13  | State of Mo. ....    | St. Louis .....  | Oct. 21, 1885 | Capt. William R. Hodges .....      | Laclede Bldg., St. Louis. |
| 14  | State of Neb. ....   | Omaha .....      | Oct. 21, 1885 | Lieut. F. B. Bryant .....          | Omaha.                    |
| 15  | State of Kansas      | Leavenworth      | Apr. 22, 1886 | Vacant .....                       |                           |
| 16  | State of Iowa. ....  | Des Moines .     | Oct. 20, 1886 | First Lieut. and Adj. J. W. Muffly | Des Moines.               |
| 17  | State of Col. ....   | Denver .....     | June 1, 1887  | Brevet Capt. James R. Saville ..   | 95 Kirtredge B., Denver.  |
| 18  | State of Ind. ....   | Indianapolis.    | Oct. 17, 1888 | Col. Z. A. Smith .....             | Indianapolis.             |
| 19  | State of Wash. .     | Tacoma .....     | Jan. 14, 1891 | Lieut. Commander J. E. Noel ..     | Tacoma.                   |
| 20  | State of Vt. ....    | Burlington .     | Oct. 14, 1891 | First Lieut. Wm. L. Greenleaf ..   | Burlington.               |

*Commander-in-Chief*, Headquarters, Philadelphia. Instituted October 21, 1885. Brevet Lieut.-Col. John P. Nicholson, *Recorder-in-Chief*.

## Societies of the Union Army of 1861-65.

### SOCIETY OF THE ARMY OF TENNESSEE.

*President*—Gen. Grenville M. Dodge, Iowa. *Vice-Presidents*—Gen. L. F. Hubbard, Minnesota; Capt. Henry A. Castle, District of Columbia; Capt. H. H. Rood, Iowa; Major A. W. Edwards, North Dakota; Gen. Fred W. Moore, Ohio; Capt. F. H. Magdeburg, Wisconsin; Capt. S. S. Trapp, Illinois; Capt. N. T. Spoor, Missouri; Col. Fred. Welker, Canada; Capt. H. C. Adams, Indiana; Capt. G. A. Bussé, Illinois; Mrs. Charles H. Smith, Ohio. *Corresponding Secretary*—Gen. Andrew Hickenlooper, Cincinnati. *Recording Secretary*—Col. Cornelius Cadle, P. O. Box 35, Cincinnati. *Treasurer*—Major Augustus M. Van Dyke, Cincinnati. The Society was organized at Raleigh, N. C., April 14, 1865.

### SOCIETY OF THE ARMY OF THE CUMBERLAND.

*President*—Vacant. *Corresponding Secretary*—Gen. H. V. Boynton. *Treasurer*—Major John Tweedale. *Recording Secretary*—Col. J. W. Steele. *Historian*—Major Charles E. Belknap. *Executive Committee*—Gen. J. Barnett, Chairman; Capt. J. W. Foley, Gen. W. A. Robinson, Gen. Paul A. Oliver, Major W. F. Goodspeed, Gen. J. G. Parkhurst, and the officers of the Society, *ex-officio*. The Society was organized in February, 1863, and its present membership is 500.

### SOCIETY OF THE ARMY OF THE POTOMAC.

*President*—Maj.-Gen. John R. Brooke, U. S. A. *Vice-Presidents*—First Corps, Gen. W. W. Dudley, U. S. V.; Second Corps, Gen. Alexander S. Webb, U. S. V.; Third Corps, Gen. Charles S. Hamlin, U. S. V.; Fourth Corps, Gen. George D. Ruggles, U. S. A.; Fifth Corps, Col. Ralph E. Prime, U. S. V.; Sixth Corps, Gen. James H. Latta, U. S. V.; Ninth Corps, Gen. W. H. Wittington, U. S. V.; Eleventh Corps, Col. Augustus C. Hamlin, U. S. V.; Twelfth Corps, Gen. Charles Candy, U. S. V.; Nineteenth Corps, Gen. Orland Smith, U. S. V.; General Staff, Gen. Martin T. McMahon, U. S. V.; Signal Corps, Col. Samuel T. Cushing, U. S. V. *Treasurer*—Lieut. Frank S. Halliday, 69 Hicks Street, Brooklyn, N. Y. *Recording Secretary*—Brevet Col. Horatio C. King, U. S. V., 46 Willow Street, Borough of Brooklyn, New York City. *Corresponding Secretary*—Col. William L. Fox, Albany, N. Y.

The Society of the Army of the Potomac was organized in 1868. The present membership is 1,800.

### THE ELEVENTH ARMY CORPS ASSOCIATION.

*President*—Gen. Stewart L. Woodford. *Vice-Presidents*—Gen. John T. Lockman and Col. A. C. Hamlin. *Division Presidents*—First, Major L. M. Jewett; Second, Major E. H. Pratt; Third, Gen. Carl Schurz. *Historian*—Col. A. C. Hamlin. *Treasurer*—Capt. A. B. Searles. *Secretary*—Capt. F. Irsch, 1 Old Slip, New York.

The Association was organized at Portland, Me., July 5, 1890. The membership is now about one hundred, and among the members are the following veteran officers: Gen. O. O. Howard, Gen. Carl Schurz, Gen. Julius Stahel, Gen. Orland Smith, Gen. F. C. Winkler, Gen. E. W. Whittlesey, Gen. C. H. Howard, Col. M. Weidrich, Col. Theo. A. Dodge.

Grand Army of the Republic.

Commander-in-Chief..... Thomas J. Stewart, Norristown, Pa.  
 Senior Vice-Com. William N. Olin, Boston, Mass. Surgeon-Gen. A. W. Acheson, Denison, Tex.  
 Junior Vice-Com. J. P. Averill, Atlanta, Ga. Chaplain-in-Chief, D. B. Shuey, Emporium, Kan.  
 OFFICIAL STAFF.  
 Adjutant-Gen. John W. Schall, Norristown, Pa. Quar<sup>r</sup> master-Gen. Chas. Burrows, Rutherford, N. J.  
 Asst. Adj.-Gen. T. H. Holcomb, Philadelphia. Judge-Adv.-Gen. A. B. Beers, Bridgeport, Ct.  
 Inspector-Gen. F. A. Walsh, Milwaukee, Wis. S. Aide-de-Camp. J. C. Winans, Troy, O.  
 The National Council of Administration has 45 members, each department being represented by one member.

| DEPARTMENTS (45.) | Department Commanders.*          | Assistant Adjutants-General.   | Members. |
|-------------------|----------------------------------|--------------------------------|----------|
| Alabama           | E. D. Bacon, Birmingham          | Thos. R. Gockel, Birmingham    | 110      |
| Arizona           | C. F. Schumacher, Tucson         | W. F. R. Schindler, Phoenix    | 194      |
| Arkansas          | John H. Avery, Hot Springs       | Samuel Hamblen, Hot Springs    | 702      |
| Calif. & Nevada   | W. G. Hawley, San Jose, Cal.     | T. C. Masteller, San Francisco | 5,017    |
| Colo. & Wyo.      | J. W. Huff, Victor, Col.         | W. W. Ferguson, Victor, Col.   | 2,445    |
| Connecticut       | N. Burton Rogers, Danbury        | John H. Thacher, Hartford      | 4,171    |
| Delaware          | John C. Garner, Smyrna           | J. S. Litzenberg, Wilmington   | 6 8      |
| Florida           | S. Herbert Lancey, Maitland      | E. A. Richards, Orlando        | 361      |
| Georgia           | W. M. Scott, Atlanta             | Jas. P. Averill, Atlanta       | 448      |
| Idaho             | Geo. M. Parsons, Boise           | George Hoskins, Boise          | 400      |
| Illinois          | H. M. Trimble, Princeton         | C. A. Partridge, Chicago       | 21,500   |
| Indiana           | Benjamin Starr, Richmond         | R. M. Smock, Indianapolis      | 15,366   |
| Indian Ter.       | B. F. Harris, Muscogee           | Samuel H. Smith, Muscogee      | 286      |
| Iowa              | John Lindt, Council Bluffs       | George A. Newman, Des Moines   | 12,700   |
| Kansas            | H. C. Loomis, Winfield           | W. W. Denison, Topeka          | 12,817   |
| Kentucky          | T. F. Beyland, Belleville        | T. A. Casey, Dayton            | 2,224    |
| La. & Mississippi | Charles W. Keeting, New Orleans  | R. B. Baque, New Orleans       | 1,240    |
| Maine             | James L. Merrick, Waterville     | Silas Adams, Waterville        | 6,411    |
| Maryland          | John W. Worth, Baltimore         | Hugh A. Maughlin, Baltimore    | 2,405    |
| Massachusetts     | W. W. Blackmar, Boston           | Edw. W. Preble, Boston         | 17,319   |
| Michigan          | Edw. C. Anthony, Negaunee        | Fayette Wyckoff, Lansing       | 14,052   |
| Minnesota         | Perry Starkweather, Minneapolis  | Orton S. Clark, Minneapolis    | 5,942    |
| Missouri          | Ira T. Bronson, Sedalia          | Thomas B. Rodgers, St. Louis   | 9,853    |
| Montana           | Alanson N. Bull, Bozeman         | W. Y. Smith, Bozeman           | 369      |
| Nebraska          | C. F. Steele, Fairbury           | Mart. Howe, Lincoln            | 5,305    |
| N. Hampshire      | Wm. S. Carter, Lebanon           | Frank Battles, Concord         | 3,245    |
| New Jersey        | Enos F. Hann, Atlantic City      | L. C. Albertson, Atlantic City | 5,284    |
| New Mexico        | J. W. Edwards, Albuquerque       | W. W. McDonald, Albuquerque    | 121      |
| New York          | Allan C. Bakewell, New York City | Wilbur F. Brown, Albany        | 30,048   |
| North Dakota      | J. C. Gipson, Valley City        | C. W. Barrett, Tower City      | 380      |
| Ohio              | Walton Weber, Columbus           | John W. Chapin, Columbus       | 26,200   |
| Oklahoma          | Wesley Taylor, Perry             | S. P. Strahan, Perry           | 1,610    |
| Oregon            | M. L. Pratt, Portland            | J. E. Mayo, Portland           | 1,873    |
| Pennsylvania      | R. P. Scott, Butler              | Chas. A. Suydam, Philadelphia  | 27,068   |
| Potomac           | B. F. Bingham, Washington, D. C. | B. F. Chase, Washington        | 2,379    |
| Rhode Island      | Geo. H. Cheney, Providence       | Philip S. Chase, Providence    | 1,665    |
| South Dakota      | T. E. Blanchard, Pierre          | S. J. Moore, Mitchell          | 1,639    |
| Tennessee         | Geo. W. Patten, St. Elmo         | Walton W. French, Chattanooga  | 1,230    |
| Texas             | C. C. Haskell, Denison           | H. A. Johnson, Sherman         | 768      |
| Utah              | W. M. Bostaph, Ogden             | Thos. Maloney, Ogden           | 210      |
| Vermont           | Ransom E. Hathorn, Ludlow        | E. A. Howe, Ludlow             | 3,412    |
| Va. & No. Caro.   | C. D. Grew, Portsmouth, Va.      | A. A. Hager, Nat. Sol. Home    | 917      |
| Wash. & Alaska    | B. C. Bedell, Walla Walla        | E. W. Elliot, Walla Walla      | 2,669    |
| West Virginia     | C. C. Mathews, Moundsville       | Smith Risinger, Moundsville    | 1,324    |
| Wisconsin         | James H. Agen, West Superior     | Fred. A. Bird, Madison         | 9,378    |

Total, June 30, 1902. 263,745

\* New department officers are elected from January to April, 1903.

The number of Grand Army Posts June 30, 1902, was 6,416. Losses by death during the preceding year, 8,299, or 3.08 per cent.

The first post of the Grand Army was organized at Decatur, Ill., April 6, 1866. The first National Encampment was held at Indianapolis, November 20, 1866. The next will be selected by the National Council of Administration. The headquarters are at Independence Hall, Philadelphia.

NATIONAL ENCAMPMENTS AND COMMANDERS-IN-CHIEF.

|                    |                            |                        |                         |
|--------------------|----------------------------|------------------------|-------------------------|
| 1866—Indianapolis  | Stephen A. Hurlbut, Ill.   | 1886—San Francisco     | Lucius Fairchild, Wis.  |
| 1868—Philadelphia  | John A. Logan, Ill.        | 1887—St. Louis         | John P. Rea, Minn.      |
| 1869—Cincinnati    | John A. Logan, Ill.        | 1888—Columbus          | William Warner, Mo.     |
| 1870—Washington    | John A. Logan, Ill.        | 1889—Milwaukee         | Russell A. Alger, Mich. |
| 1871—Boston        | A. E. Burnside, Rhode Is.  | 1890—Boston            | Wheelock G. Veazey, Vt. |
| 1872—Cleveland     | A. E. Burnside, Rhode Is.  | 1891—Detroit           | John Palmer, New York   |
| 1873—New Haven     | Charles Devens, Jr., Mass. | 1892—Washington        | A. G. Weissert, Wis.    |
| 1874—Harrisburg    | Charles Devens, Jr., Mass. | 1893—Indianapolis      | John G. B. Adams, Mass. |
| 1875—Chicago       | John F. Hartranft, Pa.     | 1894—Pittsburgh        | Thos. G. Lawler, Ill.   |
| 1876—Philadelphia  | John F. Hartranft, Pa.     | 1895—Louisville        | Ivan N. Walker, Ind.    |
| 1877—Providence    | J. C. Robinson, New York   | 1896—St. Paul          | Thaddeus S. Clark, Neb. |
| 1878—Springfield   | J. C. Robinson, New York   | 1897—Buffalo           | John P. S. Gobin, Pa.   |
| 1879—Albany        | William Earmshaw, Ohio     | 1898—Cincinnati        | * James A. Sexton, Ill. |
| 1880—Dayton        | Louis Wagner, Pa.          | 1898—Cincinnati        | W. C. Johnson, Ohio     |
| 1881—Indianapolis  | George S. Merrill, Mass.   | 1899—Philadelphia      | Albert D. Shaw, N. Y.   |
| 1882—Baltimore     | Paul Van Der Voort, Neb.   | 1900—Chicago           | Elo Rassiue, Mo.        |
| 1883—Denver        | Robert E. Beath, Pa.       | 1901—Cleveland         | Leo Torrance, Minn.     |
| 1884—Minneapolis   | John S. Kuntz, Ohio        | 1902—Washington, D. C. | Thos. J. Stewart, Pa.   |
| 1885—Portland, Me. | S. S. Burdette, D. C.      |                        |                         |

\* Died while in office.

## Woman's Relief Corps.

### AUXILIARY TO THE GRAND ARMY OF THE REPUBLIC.

*National President*—Lodusky J. Taylor, Le Seur, Minn. *National Secretary*—Ada E. May, Stillwater, Minn.

This organization was created by the mothers, wives, daughters, and sisters of Union soldiers of the Civil War of 1861-65, for the purpose of aiding and assisting the Grand Army of the Republic, and to "perpetuate the memory of their heroic dead," to "extend needful aid to the widows and orphans," to "cherish and emulate the deeds of our army nurses," and to "inculcate lessons of patriotism and love of country among our children and in the communities in which we live." The organization is composed of departments, which are subdivided into corps, as well as detached corps in several States where no departments exist. The year ending June 30, 1902, there were 3,017 corps and 143,428 members.

## Sons of Veterans, U. S. A.

*Commander-in-Chief*—Frank Martin, Indianapolis, Ind. *Senior Vice-Commander-in-Chief*—Frank B. Wilson, San Francisco, Cal. *Junior Vice-Commander-in-Chief*—James B. Adams, Atlantic City, N. J. *Adjutant-General*—Newton J. McGuire, Indianapolis, Ind. *Judge-Advocate-General*—Charles F. Griffin, Hammond, Ind. *Chaplain-in-Chief*—Rev. J. J. Rutledge, Cleveland, O. *Chief of Staff*—Geo. W. Krieteunstein, Indianapolis, Ind.

Camp No. 1, Sons of Veterans, U. S. A., was organized in the city of Philadelphia September 29, 1879. The organization is composed of lineal descendants, over eighteen years of age, of honorably discharged soldiers, sailors, or marines who served in the late Civil War. There are now about two thousand Camps, with a membership of one hundred thousand distributed among twenty-nine Divisions, corresponding to States, the general society or national body constituting the Commandery-in-Chief. Each Camp has its own officers, the head officer being the Captain. The principal officer of the Division is the Commander.

## Societies of Spanish-American War Veterans.

**Naval and Military Order of the Spanish-American War.**—Instituted February 2, 1899. *Commander*—Col. Theodore Roosevelt, U. S. V. *Senior Vice-Commander*—Rear-Admiral Joseph N. Miller, U. S. N. *Junior Vice-Commander*—Brig.-Gen. John W. Clous, U. S. A. *Recorder*—Ensign Arthur J. Henriques, U. S. N., 170 Fifth Avenue, New York. *Treasurer*—Ensign Frank W. Toppam, U. S. N. *Registrar*—Ensign Eugene N. Robinson, U. S. N. *Chaplain*—John C. Wellwood, U. S. V. Membership is composed of persons who served on the active list or performed active duty as a commissioned officer, regular or volunteer, during the War with Spain, or who participated in the war as a naval or military cadet. Membership descends to the eldest male descendant in the order of primogeniture.

**Society of the Army of Santiago de Cuba.**—Organized in the Governor's Palace at Santiago de Cuba July 31, 1898. *President*—Major-Gen. William R. Shafter, U. S. A. *First Vice-President*—Major-Gen. Joseph Wheeler, U. S. A. *Second Vice-President*—Major-Gen. J. Ford Kent, U. S. A. *Third Vice-President*—Major-Gen. John Coulter Bates, U. S. V. *Fourth Vice-President*—Major-Gen. Adna R. Chaffee, U. S. A. *Secretary and Treasurer*—Major Alfred C. Sharpe, Assistant Adjutant-General, U. S. A., Washington, D. C. *Registrar-General*—Lieut.-Col. Philip Reade. *Historian*—Major G. Creighton Webb, U. S. V. Annual dues \$1, life membership \$25. No initiation fee. There are branch societies in Massachusetts, New York, Ohio, Michigan, Illinois, California, and the District of Columbia.

**Military and Naval Society of the Porto-Rican Expedition.**—Projected at Cagnas, Porto Rico, October 11, 1898. First annual meeting of the National Commandery held at Columbus, O., June 5, 1900. The Society is composed of the participants in the Porto Rico military and navy expeditions of 1898, and is divided into national, territorial, and local commanderies. Officers: *National Commander*—Major-Gen. John R. Brooke. *First Vice-Commander*—Rear-Admiral Winfield S. Schley. *Second Vice-Commander*—Brig.-Gen. Eugene Griffin. *Third Vice-Commander*—Capt. Charles D. Sigbee. *Fourth Vice-Commander*—Col. A. B. Coit. *National Secretary*—Col. George B. Donavin, Columbus, O. *National Treasurer*—Major Malcolm Crump. *National Registrar*—Major James Johnston, M. D. *National Chaplain*—Rev. Dr. J. C. Schindel.

**Rough Riders' Association.**—Before the disbanding of the First Regiment United States Volunteer Cavalry, serving in Cuba, the members organized the Rough Riders' Association. All members of the regiment are eligible to membership in the Association, and membership descends to the eldest sons of original members, as in the Order of the Cincinnati, founded by the officers of the Revolutionary War. The following are the officers: *President*—Capt. Fred. Muller. *Secretary-Treasurer*—Capt. W. E. Dame, Albuquerque, N.M. The next meeting of the Association will be in 1905.

**National Association of Spanish-American War Veterans.**—Incorporated December 14, 1899. Its objects are "to strengthen the spirit of fraternity engendered among those who served honorably in the military or naval service of the United States during the War with Spain or in the insurrection in the Philippines; to promote loyalty and patriotism; to inculcate the principles of equal rights and free government; to assist such former comrades in arms as need help and protection, and to extend needful aid to the widows and orphans of those who have fallen."

"All soldiers and sailors of the regular and volunteer army, navy, and marine corps of the United States who honorably served during the Spanish-American or Philippine war are eligible to membership." The organization now extends over 40 States, having over 300 local camps, with a membership of 25,000. The following officers for 1901-1902 were elected at the second national encampment at Buñalo, N. Y., September 10-12, 1901: *Commander-in-Chief*—Gen. Owen Summers, Portland, Ore. *Senior Vice-Commander*—Capt. J. B. McFarland, Aberdeen, Miss. *Junior Vice-Commander*—Col. C. T. O'Neill, Allentown, Pa. *Adjutant-General*—Col. Wm. C. Liller, Lancaster, Pa. *Quartermaster-General*—Capt. Walter F. Walker, Claremont, N. H. *Inspector-General*—Major Alex. M. Harvey, Topeka, Kan.

## Association of Graduates of U. S. Military Academy.

The Association, in which all graduates of the Academy in good standing are eligible for membership, has for its object the cherishing of the memories of the Military Academy at West Point and the promotion of social intercourse and fraternal fellowship among its graduates. Its work has been largely historical and it attempts to keep the history of every graduate of the Academy, both in the army and in civil life. General George W. Cullum, on his death, gave to it its home in the magnificent Memorial Hall at West Point, and charged it with the perpetuation of his Biographical History of the Graduates of the Academy.

The Association was formed as a result of a meeting called May 22, 1869, by General Robert Anderson, of Sumter fame, in the office of Dr. Horace Webster, West Point, 1818, President of the College of the City of New York. General Sylvanus Thayer, "the Father of the Military Academy," was its first President.

Officers for the year 1902-03: *President*—Lieutenant-General J. M. Schofield. *Treasurer*—Prof. Charles P. Echols. *Secretary*—Captain W. C. Kivers. Annual meeting in June, at West Point.

## United States Veteran Navy.

ORGANIZED 1899. *Fleet Officers—Commodore Flag Officer Commanding*—Will E. Atkins, Cincinnati, Ohio. *Fleet Captain and Chief of Staff*—Charles Smith, New York. *Fleet Commander*—John C. Watson, Buffalo, N. Y. *Fleet Paymaster*—E. F. Dustin, Providence, R. I. *Fleet Secretary*—W. B. C. Mears, Madisonville, Ohio. Qualifications for membership: 1. Service in the United States Navy or Marine Corps during the Civil, Spanish-American, Philippine, or China War, or in any wars that may come. 2. Or shipmates who served on board of any vessels of the United States Navy, United States Revenue Cutter Service, United States Lighthouse Tenders, and members of the Naval Reserve battalions who enlisted in the United States Navy during the Spanish-American War. Muster fee, \$2. Dues, 25 cents per month.

## The American Flag Association.

*President*—Col. Ralph E. Prime, Yonkers, N. Y. *Secretary*—Theodore Fitch, 120 Broadway, New York. The American Flag Association was organized February 17, 1898, its motto being, "One Flag, One Country, God over all." Its object is to secure national and State legislation for the protection of the flag from degrading and desecrating uses, and to secure a general observance of June 14 as "Flag Day," because on that day in 1777 Congress adopted the United States flag. The Association is composed of individual members and also the members of the Flag Committees of patriotic societies for the purpose of fostering public sentiment in favor of honoring the flag of our country and preserving it from desecration. It aims to co-ordinate the efforts of all flag committees in the common cause. All patriotic societies not already represented are invited to appoint flag committees of thirteen members each, and accredit them to this Association. Fifty-seven patriotic societies are now represented in this Association by their flag committees.

## Women's Patriotic Societies.

### COLONIAL DAMES OF AMERICA.

#### OFFICERS.

*President*—Mrs. John Lyon Gardiner. *First Vice-President*—Mrs. Thomas Wren Ward. *Second Vice-President*—Mrs. James W. Gerard. *Treasurer*—Miss Helen Van C. De Peyster. *Secretary*—Mrs. Timothy Matlack Cheesman, 109 University Place, New York City. *Historian*—Miss Julia Livingston Delafield. *Advisory Council*—Henry E. Howland, Franklin Bartlett, Louis V. Bright.

The Society of the Colonial Dames of America was organized in the City of New York May 23, 1890, and was the first society of women for this patriotic purpose founded in this country. It was incorporated April 23, 1891. The Society is purely patriotic and educational in its objects, which are: (1) To collect and preserve relics, manuscripts, traditions, and mementoes of the founders and builders of the thirteen original States of the Union, and of the heroes of the War of Independence, that the memory of their deeds and achievements may be perpetuated. (2) To promote celebrations of great historic events of national importance, to diffuse information on all subjects concerning American history, particularly among the young, and to cultivate the spirit of patriotism and reverence for the founders of American constitutional history.

This Society has already a large membership and chapters in many States. It is a distinct organization from that which follows.

### COLONIAL DAMES OF AMERICA.

#### OFFICERS OF THE NATIONAL SOCIETY.

*Honorary President*—Mrs. Justine Van Rensselaer Townsend. *President*—Mrs. Herbert A. Claborn. *Vice-Presidents*—Mrs. Samuel Colt, Connecticut; Mrs. Henry F. L. Lyster, Michigan; Mrs. William Reed, Maryland. *Secretary*—Mrs. Joseph Lamar, Georgia. *Assistant Secretary*—Mrs. Rosa Wright Smith, District of Columbia. *Treasurer*—Mrs. Alexander J. Cassatt, Philadelphia, Pa. *Registrar*—Mrs. Emil Richter, Portsmouth, N. H. *Historian*—Miss Anne Hollingsworth Wharton.

This society is a distinct organization from the one described in the first paragraph. The National Society is composed of delegates from the State societies. These exist in the thirteen original States and in twenty-one other States and the District of Columbia, and are all incorporated. The aggregate membership is over 5,000. The President of the New York State Society is Mrs. Anson P. Atterbury. It is the sole custodian of the Colonial Museum in New York.

Under the constitution of the National Society it is prescribed that the members shall be women "who are descended in their own right from some ancestor of worthy life who came to reside in an American Colony prior to 1750, which ancestor, or some one of his descendants, being a lineal ascendant of the applicant, shall have rendered efficient service to his country during the Colonial period, either in the founding of a commonwealth or of an institution which has survived and developed into importance, or who shall have held an important position in the Colonial Government, and who, by distinguished services, shall have contributed to the founding of this great and powerful nation." Services rendered after 1776 do not entitle to membership, but are accepted for supplemental applications. There is no admission except through Colonial ancestry.



## WOMEN'S PATRIOTIC SOCIETIES—Continued.

## DAUGHTERS OF THE AMERICAN REVOLUTION.

## OFFICERS OF THE NATIONAL SOCIETY.

*President-General*—Mrs. Charles W. Fairbanks. *Vice-President-General* (in charge of organization of chapters)—Mrs. Miranda Barney Tulloch. *Vice-Presidents-General*—Mrs. William Lindsay, Mrs. George M. Sternberg, Mrs. Clark Waring, Mrs. Matthew T. Scott, Mrs. A. A. Kendall, Mrs. J. Heron Crossman, Mrs. S. B. C. Morgan, Mrs. James R. Melon, Mrs. Mary A. Hepburn Smith, Mrs. William Lee Lyons, Mrs. Harriet Simpson, Mrs. J. V. Quarles, Mrs. D. D. Colton, Mrs. Althea Bedle, Mrs. Henry E. Burnham, Miss Elizabeth Chew Williams, Mrs. Moses M. Granger, Mrs. Frank Wheaton, Mrs. Addison G. Foster, Mrs. Kate Kearney Henry. *Chaplain-General*—Mrs. William A. Smoot. *Recording Secretary-General*—Mrs. Eleanor S. Washington Howard. *Corresponding Secretary-General*—Mrs. Robert Stockwell Hatcher, 902 F Street, Washington, D. C. *Registrar-General*—Miss Minnie Fogel Mickle. *Treasurer-General*—Mrs. Charles Carlyle Darwin. *Historian-General*—Miss Susan Riviere Hetzell. *Assistant Historian-General*—Mrs. Green Clay Goodloe.

The Society was organized in the city of Washington, D. C., October 11, 1890. The headquarters are in Washington. Its present membership is reported by the Secretary-General to be about 35,000. Five hundred State chapters exist in forty-five States and Territories and the District of Columbia, presided over by regents. Chapter regents have been appointed for England and Canada.

Any woman may be eligible for membership who is of the age of eighteen years, and who is descended from an ancestor who, "with unflinching loyalty, rendered material aid to the cause of independence as a recognized patriot, as soldier or sailor, or as a civil officer in one of the several Colonies or States, or of the United Colonies or States," provided that the applicant shall be acceptable to the Society. Every application for membership must be indorsed by at least one member of the National Society, and is then submitted to the Registrars-General, who report on the question of eligibility to the Board of Management, and upon its approval the applicant is enrolled as a member.

## DAUGHTERS OF THE REVOLUTION.

## OFFICERS OF THE GENERAL SOCIETY.

*President-General*—Miss Adaline W. Sterling. *First Vice-President-General*—Miss Sarah E. Hunt. *Second Vice-President-General*—Mrs. D. Phoenix Ingraham. *Third Vice-President-General*—Mrs. Frank Trumbull. *Fourth Vice-President-General*—Mrs. Thomas Hill. *Recording Secretary-General*—Mrs. Carlton M. Moody. *Corresponding Secretary-General*—Miss Emma G. Page. *Treasurer-General*—Mrs. George W. Hodges. *Registrar-General*—Mrs. Joseph J. Casey. *Historian-General*—Mrs. Alexander M. Ferris. *Librarian-General*—Miss Tarquinia L. Voss. *Board of Managers*—Mrs. J. J. Holloway; Mrs. Andrew W. Bray, Mrs. George H. Raymond, Mrs. Robert J. Reed, Mrs. Mahlon D. Thatcher, Mrs. John A. Heath, Miss Florence O. Rand, Mrs. J. P. Geran, Mrs. Warren Springer, Mrs. Ashbel P. Fitch, Mrs. Charles S. Thomas, Mrs. Charles A. Place, Mrs. Francis E. Stanley, Mrs. Carrie Woodruff, Mrs. James A. Mount, Mrs. David C. Carr, Mrs. William S. Cogswell, Mrs. Lynn C. Byrd, Miss Clara B. Adams, Mrs. O. La Forest Perry.

The General Society was organized in the City of New York August 20, 1891. Eligibility to membership is restricted to "women who are lineal descendants of an ancestor who was a military or naval or marine officer, soldier, sailor, or marine in actual service under the authority of any of the thirteen Colonies or States, or of the Continental Congress, and remained always loyal to such authority, or descendants of one who signed the Declaration of Independence, or of one who as a member of the Continental Congress or of the Congress of any of the Colonies or States, or as an official appointed by or under the authority of any such representative bodies, actually assisted in the establishment of American independence by service rendered during the War of the Revolution, becoming thereby liable to conviction of treason against the Government of Great Britain, but remaining always loyal to the authority of the Colonies or States." State societies exist in a large number of States. The office of the General Society is 156 Fifth Avenue, New York.

## UNITED STATES DAUGHTERS, 1812.

## OFFICERS OF THE NATIONAL SOCIETY.

*President-National*—Mrs. William Gerry Slade, New York. *Vice-Presidents-National*—Mrs. Western Bascome, Missouri; Mrs. Sullivan Johnson, Pennsylvania; Mrs. Nelson V. Titus, Massachusetts. *Recording Secretary*—Mrs. Leroy S. Smith. *Corresponding Secretary*—Mrs. M. Louise Edge. The office of the National Society is at 332 West Eighty-seventh Street, New York.

**Membership Qualifications**—Any woman over eighteen years of age of good character and a lineal descendant of an ancestor who rendered civil, military, or naval service during the War of 1812, or the period of the causes which led to that war (subsequent to the War of the Revolution), may be eligible to membership, provided the applicant be acceptable to the Society. In all the States the initiation fee is \$1.

The President of the New York State Society is Mrs. William Gerry Slade; the Corresponding Secretary is Mrs. George B. Wallis, Jr.

## DAUGHTERS OF THE HOLLAND DAMES.

*Directress-General*—Mrs. Eugene A. Hoffman. *Secretary*—Mrs. L. Holbrook. "The Daughters of Holland Dames, Descendants of the Ancient and Honorable Families of New York," was incorporated for the purpose of erecting a memorial to commemorate the early Dutch period of our colonial history, and to preserve and collect historical documents relating to the same. The headquarters are at New York.

## ASSOCIATION FOR PRESERVATION OF VIRGINIA ANTIQUITIES.

This association of Virginia women was organized in 1888 for the purpose indicated by its name, under the presidency of Mrs. Fitz Hugh Lee. The association now has branches in different parts of Virginia. Its badge bears on one side a representation of the three ships, "Susan Constant," "God Speed," and "Discovery," which bore the first colonists to Jamestown, and around them the inscription "Dei Gratia Virginia Condita, 1807," and on the other side, "A. P. V. A., 1888." In addition to the officers there are a directory board composed of twenty-six ladies, and an advisory board of nineteen gentlemen.

## United Confederate Veterans.

*Commander*—Gen. John B. Gordon, of Georgia. *Adjutant-General and Chief of Staff*—Major-Gen. George Moorman, New Orleans, La.

*Army of Northern Virginia Department*—*Commander*—Lieut.-Gen. C. Irvine Walker, Greenville, S. C. *Adjutant-General*—Brig.-Gen. Jas. G. Holmes, Charleston, S. C.

*Army of Tennessee Department*—*Commander*—Lieut.-Gen. Stephen D. Lee, Starkville, Miss. *Adjutant-General*—Brig.-Gen. E. T. Sykes, Columbus, Miss.

*Trans-Mississippi Department*—*Commander*—Lieut.-Gen. W. L. Cabell, Dallas, Tex. *Adjutant-General*—Brig.-Gen. A. T. Watts, Dallas, Tex.

The *Confederate Veteran*, Nashville, Tenn., established by S. A. Cunningham, is the official organ of the association.

This association was organized at New Orleans June 10, 1889. Its avowed purpose is strictly social, literary, historical, and benevolent. Its constitution says that it "will endeavor to unite in a general federation all associations of Confederate veterans, soldiers, and sailors now in existence or hereafter to be formed; to gather authentic data for an impartial history of the war between the States; to preserve relics or mementoes of the same; to cherish the ties of friendship that should exist among men who have shared common dangers, common sufferings, and privations; to care for the disabled and extend a helping hand to the needy; to protect the widows and the orphans, and to make and preserve a record of the resources of every member, and, as far as possible, of those of our comrades who have preceded us in eternity." State organizations are authorized, and are called Divisions. The permanent headquarters of the association are at New Orleans, La. Number of Camps, 1,500. Number of members, according to last report, about 75,000. The last reunion of the veterans was at Dallas, Tex., April 22, 23, 24, and 25, 1902. The next reunion will be at New Orleans, La., in April or May, 1903, date not yet fixed.

## United Sons of Confederate Veterans.

The general society of this organization, which is composed of representatives of local camps throughout the United States, held its reunion at Dallas, Tex., April 22-25, 1902. The following is the official roster:

*Commander-in-Chief*—Thomas P. Stone, Waco, Tex. *Adjutant-General and Chief of Staff*—Homer D. Wade, Waco, Tex. *Inspector-General*—N. B. Tisdal, Fort Worth, Tex. *Quartermaster-General*—R. Hayne King, Charleston, S. C. *Judge-Advocate-General*—Robert E. Lee, Jr., Burke's Station, Fairfax County, Va. *Commissary-General*—M. O'Mara, Savannah, Ga. *Surgeon-General*—Dr. John M. Strayhorn, Waco, Tex. *Chaplain-General*—Bishop Thomas F. Gallor, Sewanee, Tenn.

## United Daughters of the Confederacy.

*President*—Mrs. J. A. Rounsaville, Rome, Ga. *First Vice-President*—Mrs. M. M. Rosenberg, Galveston, Tex. *Second Vice-President*—Mrs. T. J. Latham, Memphis, Tenn. *Recording Secretary*—Mrs. John P. Hickman, Nashville, Tenn. *Corresponding Secretary*—Mrs. Virginia F. McSherry, Martinsburg, W. Va. *Treasurer*—Mrs. James Y. Leigh, Norfolk, Va. Mrs. Stonewall Jackson, of Charlotte, N. C.; Mrs. M. C. Goodlett, of Nashville, Tenn.; Mrs. Clement C. Clopton, of Alabama, and Mrs. Albert Sidney Johnston Pritchard, of California, are honorary presidents for life.

The United Daughters of the Confederacy was organized at Nashville, Tenn., September 10, 1894. It is composed of the widows, wives, mothers, sisters, and lineal female descendants of men who served honorably in the army and navy of the Confederate States, or who served in the civil service of the Confederate States or one of the Southern States, or who gave personal service to the Confederate cause. There are local federations, governed by State divisions, which in turn are subordinate to the general organization. The objects of the United Daughters of the Confederacy, as stated in the constitution of the Society, are "social, literary, historical, monumental, benevolent, and honorable in every degree, without any political signification whatever." It will endeavor: (1) To unite in the federation all bodies of Southern women now organized or that may hereafter be formed. (2) To cultivate ties of friendship among our women whose fathers, brothers, sons, and, in numberless cases, mothers, shared common dangers, sufferings, and privations; and to perpetuate honor, integrity, valor, and other noble attributes of true Southern character. (3) To instruct and instill into the descendants of the people of the South a proper respect for and pride in the glorious war history, with a veneration and love for the deeds of their forefathers which have created such a monument of military renown, and to perpetuate a truthful record of the noble and chivalric achievements of their ancestors. All with the view of furnishing authentic information from which a conscientious historian will be enabled to write a correct and impartial history of the Confederate side during the struggle for Southern independence. The organization now has over 599 chapters in the United States, North and South, with about 30,000 members. The next annual reunion will be at Charleston, S. C., in November, 1903.

## Society of the Army and Navy of the Confederate States

IN THE STATE OF MARYLAND.

*President*—Gen. Bradley T. Johnson. *Recording Secretary*—Capt. William L. Ritter. *Corresponding Secretary*—John F. Hayden, Baltimore, Md. *Treasurer*—Capt. F. M. Colston. There are twelve vice-presidents and an executive committee of seven members. The Society of the Army and Navy of the Confederate States in the State of Maryland was organized in 1871, "to collect and preserve the material for a truthful history of the late war between the Confederate States and the United States of America; to honor the memory of our comrades who have fallen; to cherish the ties of friendship among those who survive, and to fulfill the duties of sacred charity toward those who may stand in need of them." The membership is 1,080. The annual dues are \$1.

## Army and Navy Union.

*National Commander*—Russell C. Paris, Albany, N. Y. *Senior Vice-National Commander*—William Budy, St. Paul, Minn. *Junior Vice-National Commander*—Hugh H. Henry, Jr., Phœbus, Va. *Adjutant-General*—John Schumacker, 401 Pulaski Street, Brooklyn, N. Y. *Inspector-General*—M. G. Hackett, Washington, D. C. *Judge-Advocate-General*—Jacob D. Pennell, Newburgh, N. Y.

The Army and Navy Union was organized (called the National Corps) was organized in August, 1890. The Union admits to its ranks any man who possesses an honorable discharge from the United States service, either regular or volunteer army and navy or marine corps, whether said service was before, during, or since any war at home or abroad. The Union consists of 202 Garrisons, of which four Garrisons are at Luzon Island, P. I.; one at San Juan, P. R., and one at Honolulu, H. I.

# The State Militia of the States of the Union.

STRENGTH OF THE NATIONAL GUARD AND OF THE AVAILABLE ARMS-BEARING POPULATION OF EACH OF THE STATES AND TERRITORIES.

COMPILED for THE WORLD ALMANAC from records in the War Department and reports from State authorities up to December 1, 1902, by Captain W. R. Hamilton, Artillery Corps, U. S. A.

| STATES AND TERRITORIES.        | Official Designation of State Troops.      | Generals and Gen'l Staff. | Cav- alry.   | Artil- ery.  | Infantry.     | Total Number Author- ized. | Total Liable to Military Service. | State Appropria- tions. |
|--------------------------------|--------------------------------------------|---------------------------|--------------|--------------|---------------|----------------------------|-----------------------------------|-------------------------|
| Alabama.....                   | Alabama State Troops.....                  | 21                        | 178          | 225          | 2,597         | 7,788                      | 170,000                           | †                       |
| Alaska.....                    | No organized militia.....                  | ..                        | ..           | ..           | ..            | ..                         | ..                                | ..                      |
| Arizona.....                   | National Guard of Arizona.....             | 13                        | ..           | ..           | ..            | ..                         | 15,000                            | ..                      |
| Arkansas.....                  | Arkansas State Guard.....                  | 51                        | 67           | ..           | 2,340         | †                          | 17,400                            | †                       |
| California.....                | National Guard of California.....          | 153                       | 198          | 291          | 2,824         | 6,500                      | 262,000                           | †                       |
| Colorado.....                  | National Guard of Colorado.....            | 29                        | 147          | 47           | 784           | †                          | 255,000                           | \$132,000               |
| Connecticut.....               | National Guard of Connecticut.....         | 44                        | 59           | 242          | 2,322         | †                          | 110,000                           | 37,000                  |
| Delaware.....                  | National Guard of Delaware.....            | 19                        | ..           | ..           | 511           | 750                        | 107,000                           | 138,000                 |
| District of Columbia.....      | National Guard District of Columbia.....   | 43                        | ..           | ..           | 1,103         | 3,365                      | 29,000                            | 5,400                   |
| Florida.....                   | Florida State Troops.....                  | 87                        | ..           | ..           | 1,692         | 1,458                      | 50,000                            | 32,100                  |
| Georgia.....                   | Georgia Volunteers.....                    | 15                        | 553          | 357          | 3,734         | 12,344                     | 84,000                            | 11,500                  |
| Guam.....                      | Guam Volunteers.....                       | ..                        | ..           | ..           | 48            | †                          | 291,000                           | 25,000                  |
| Hawaii.....                    | Hawaiian National Guard.....               | ..                        | ..           | ..           | ..            | ..                         | 400                               | †                       |
| Idaho.....                     | Idaho National Guard.....                  | 7                         | ..           | ..           | 495           | 2,000                      | 4,000                             | 4,000                   |
| Illinois.....                  | Illinois National Guard.....               | 189                       | 408          | 197          | 6,325         | 10,600                     | 27,000                            | 2,500                   |
| Indiana.....                   | Indiana Legion.....                        | 29                        | ..           | ..           | 2,051         | 4,608                      | 810,000                           | 230,000                 |
| Indian Territory.....          | Indian Territory Militia.....              | ..                        | ..           | ..           | 151           | †                          | 570,000                           | 45,000                  |
| Iowa.....                      | Iowa National Guard.....                   | 47                        | ..           | ..           | 2,626         | 3,690                      | 5,000                             | †                       |
| Kansas.....                    | Kansas National Guard.....                 | 7                         | ..           | 93           | 1,204         | 2,131                      | 355,000                           | 51,000                  |
| Kentucky.....                  | Kentucky National Guard.....               | ..                        | ..           | 182          | 1,724         | 3,500                      | 115,000                           | 29,400                  |
| Louisiana.....                 | Louisiana State National Guard.....        | 63                        | 61           | 790          | 920           | †                          | 415,000                           | 7,000                   |
| Maine.....                     | National Guard State of Maine.....         | 27                        | ..           | ..           | 1,330         | 2,040                      | 140,000                           | 21,000                  |
| Maryland.....                  | Maryland National Guard.....               | 25                        | ..           | ..           | 1,911         | 2,700                      | 110,000                           | 33,750                  |
| Massachusetts.....             | Massachusetts Volunteer Militia.....       | 94                        | 259          | 1,096        | 3,536         | 6,592                      | 210,000                           | 50,000                  |
| Michigan.....                  | Michigan National Guard.....               | 8                         | ..           | ..           | 8,003         | 3,429                      | 450,000                           | 325,000                 |
| Minnesota.....                 | National Guard of Minnesota.....           | 81                        | ..           | 150          | 1,693         | 3,700                      | 255,000                           | 90,000                  |
| Mississippi.....               | Mississippi National Guard.....            | 23                        | 92           | 200          | 1,093         | 1,800                      | 210,000                           | 60,000                  |
| Missouri.....                  | National Guard of Missouri.....            | 9                         | ..           | 73           | 1,040         | 3,000                      | 245,000                           | 5,000                   |
| Montana.....                   | National Guard of Montana.....             | 6                         | ..           | ..           | 2,613         | 3,000                      | 417,000                           | 12,500                  |
| Nebraska.....                  | Nebraska National Guard.....               | 86                        | 108          | 68           | 1,910         | 2,173                      | 34,000                            | 10,000                  |
| Nevada.....                    | Nevada National Guard.....                 | 1                         | ..           | ..           | 136           | †                          | 105,000                           | 17,300                  |
| New Hampshire.....             | New Hampshire National Guard.....          | 14                        | 66           | 79           | 1,175         | 1,699                      | 4,700                             | 2,100                   |
| New Jersey.....                | National Guard of New Jersey.....          | 42                        | 122          | 139          | 4,300         | 5,112                      | 35,000                            | 30,000                  |
| New Mexico.....                | National Guard of New Mexico.....          | 3                         | 96           | 10           | 387           | 1,100                      | 390,000                           | 175,000                 |
| New York.....                  | National Guard State of New York.....      | 73                        | 422          | 1,399        | 11,515        | 18,000                     | 41,000                            | 31,000                  |
| North Carolina.....            | North Carolina National Guard.....         | 17                        | ..           | 58           | 1,782         | 3,800                      | 950,000                           | 575,000                 |
| North Dakota.....              | North Dakota National Guard.....           | 8                         | 51           | 56           | 596           | 1,000                      | 250,000                           | 8,000                   |
| Ohio.....                      | Ohio National Guard.....                   | 44                        | 110          | 225          | 4,616         | 9,480                      | 37,000                            | 9,000                   |
| Oklahoma.....                  | Oklahoma National Guard.....               | 7                         | 45           | 47           | 691           | 2,240                      | 650,000                           | 195,000                 |
| Oregon.....                    | Oregon National Guard.....                 | 7                         | 49           | 81           | 1,120         | 1,587                      | 62,000                            | †                       |
| Pennsylvania.....              | National Guard Pennsylvania.....           | 170                       | 219          | 380          | 8,340         | 11,103                     | 905,000                           | 3,000                   |
| Porto Rico.....                | Porto Rico Militia.....                    | ..                        | ..           | ..           | 600           | ..                         | 65,000                            | 355,000                 |
| Rhode Island.....              | Brigade of Rhode Island Militia.....       | 7                         | 107          | 104          | 577           | 1,030                      | 170,000                           | †                       |
| Samoa.....                     | Samoa Volunteers.....                      | ..                        | ..           | ..           | 73            | ..                         | 69,000                            | 39,500                  |
| South Carolina.....            | South Carolina Volunteer State Troops..... | 9                         | 864          | 97           | 2,074         | 5,000                      | 550                               | ..                      |
| South Dakota.....              | South Dakota National Guard.....           | 5                         | 114          | 40           | 1,056         | 1,500                      | 114,000                           | 10,500                  |
| Tennessee.....                 | National Guard State of Tennessee.....     | 2                         | ..           | ..           | 1,922         | 3,000                      | 54,000                            | 6,000                   |
| Texas.....                     | Texas Volunteer Guard.....                 | 67                        | 231          | 172          | 2,932         | †                          | 170,000                           | 14,500                  |
| Utah.....                      | National Guard of Utah.....                | 39                        | 51           | 63           | 324           | 1,000                      | 7,800                             | 7,800                   |
| Vermont.....                   | National Guard of Vermont.....             | 18                        | ..           | 75           | 772           | †                          | 45,000                            | 10,000                  |
| Virginia.....                  | Virginia Volunteers.....                   | 7                         | 69           | 192          | 2,008         | 5,176                      | 310,000                           | 12,000                  |
| Washington.....                | National Guard of Washington.....          | 71                        | 59           | ..           | 832           | 1,877                      | 100,000                           | †                       |
| West Virginia.....             | West Virginia National Guard.....          | 45                        | ..           | ..           | 993           | 3,359                      | 135,000                           | 16,700                  |
| Wisconsin.....                 | Wisconsin National Guard.....              | 9                         | 62           | 62           | 2,588         | 3,122                      | 410,000                           | 100,000                 |
| Wyoming.....                   | Wyoming National Guard.....                | 7                         | 62           | ..           | 256           | 1,075                      | 180,000                           | 9,000                   |
| <b>F Grand aggregates.....</b> |                                            | <b>1,791</b>              | <b>4,951</b> | <b>6,671</b> | <b>96,608</b> | <b>183,595</b>             | <b>8,727,500</b>                  | <b>\$2,639,150</b>      |

Total organized force, 110,221.

† No limit.

‡ Unknown.

## Naval Militia.

THE Naval Militia is now organized in sixteen States and in the District of Columbia, as follows: California, Captain Thos. A. Nerney; Connecticut, Commander Frederick L. Averill; District of Columbia, Lieutenant-Commander Sherburne G. Hopkins; Georgia, Commander Frank D. Aiken; Illinois, Captain H. A. Allen; Louisiana, Captain J. W. Bostick; Maine, Lieutenant H. M. Bigelow; Maryland, Commander E. win Gear; Massachusetts, Captain George R. H. Buntin; Michigan, Commander Strathearn Hendrie; New Jersey, Commander W. Irving; New York, Commander W. R. Franklin; North Carolina, Lieutenant H. M. Chase; Ohio, Lieutenant-Commander William E. Wirt; Pennsylvania, Captain John S. Muckle; Rhode Island, Commander Gardiner C. Sims; South Carolina, Lieutenant Geo. P. Elliot; The Naval Militia of Florida and Oregon have been disbanded.

All matters relating to the Naval Militia come under the cognizance of the Assistant Secretary of the Navy. Total number of commissioned officers on January 1, 1902, 433; total enlisted force of petty officers and men, 4,447. The Navy Department transacts all its business with the Naval Militia through the Governors and Adjutants-General (or Quartermasters-General) of the States. The clerk of the Navy Department at Washington having cognizance of Naval Militia matters is R. I. McNeil.

## The Armed Strength of the World.

THE military and naval statistics of foreign countries embraced in the following tables were specially prepared for THE WORLD ALMANAC by Capt. W. R. Hamilton, Artillery Corps, United States Army, and corrected from the latest official reports on file at the War Department, December, 1902. For the Army and Navy of the United States, see pages devoted thereto. [Consult Index.]

## LAND FORCES OF EUROPE.

| CLASSES.               | Germany.  | France.   | Italy.    | Austria-Hungary. | Russia.   | Great Britain. | Turkey.   |
|------------------------|-----------|-----------|-----------|------------------|-----------|----------------|-----------|
| ACTIVE ARMY & RES.     |           |           |           |                  |           |                |           |
| Officers.....          | 22,983    | 21,633    | 17,280    | 17,612           | 26,912    | 9,118          | 7,120     |
| Non-com. Offs. & Men.  | 2,265,416 | 1,982,314 | 439,342   | 709,366          | 1,314,298 | *284,428       | 212,300   |
| Horses.....            | 137,300   | 37,300    | 10,000    | 12,844           | 45,600    | 16,920         | .....     |
| Guns.....              | 105,700   | 102,411   | 44,300    | 59,850           | 172,445   | 41,100         | 32,100    |
| Vehicles.....          | 2,798     | 3,188     | 2,266     | 1,672            | 2,712     | 1,600          | 1,488     |
| .....                  | 30,000    | 31,420    | 14,200    | 16,000           | 31,000    | 7,700          | .....     |
| FIRST RESERVE.         |           |           |           |                  |           |                |           |
| Officers.....          | 23,154    | 21,144    | 18,922    | 18,000           | 21,462    | 8,446          | 11,650    |
| Non-com. Offs. & Men.  | 2,140,306 | 2,043,640 | 611,365   | 392,392          | 2,124,536 | 214,095        | 501,200   |
| Horses.....            | 9,000     | 185,000   | 3,600     | 4,600            | 18,000    | .....          | .....     |
| Guns.....              | 76,300    | 77,300    | 22,500    | 25,000           | 141,290   | .....          | 65,000    |
| Vehicles.....          | 2,000     | 1,868     | 1,200     | 1,242            | 3,6-2     | 624            | .....     |
| .....                  | .....     | .....     | .....     | 3,600            | 6,800     | .....          | .....     |
| SECOND RESERVE.        |           |           |           |                  |           |                |           |
| Officers.....          | 18,722    | 16,800    | 10,674    | 14,000           | 19,200    | 15,912         | .....     |
| Non-com. Offs. & Men.  | 1,090,714 | 981,465   | 865,300   | 611,600          | 1,511,295 | 502,281        | 437,000   |
| Horses.....            | .....     | 410       | .....     | .....            | 912       | .....          | .....     |
| Guns.....              | .....     | .....     | .....     | .....            | .....     | .....          | .....     |
| GRAND WAR TOTAL.       |           |           |           |                  |           |                |           |
| Officers.....          | 64,859    | 59,577    | 46,876    | 49,612           | 67,574    | 33,476         | 18,170    |
| Non-com. Offs. & Men.  | 5,496,536 | 5,017,419 | 1,916,007 | 1,713,358        | 4,950,129 | 1,000,805      | 1,150,700 |
| Horses.....            | 131,700   | 179,711   | 66,800    | 84,850           | 313,735   | 87,600         | 97,100    |
| Guns.....              | 4,798     | 5,054     | 2,466     | 2,914            | 7,266     | 2,224          | 1,488     |
| PEACE ESTABLISHM'T.    |           |           |           |                  |           |                |           |
| Infantry.....          | 398,170   | 388,716   | 134,808   | 187,423          | 686,464   | 179,705        | 135,400   |
| Cavalry.....           | 69,282    | 70,731    | 22,461    | 47,626           | 132,943   | 19,905         | 32,000    |
| Artillery.....         | 92,192    | 75,064    | 36,207    | 35,251           | 167,563   | 43,049         | 22,100    |
| Engineers and Train... | 44,624    | 40,737    | 26,787    | 39,850           | 124,413   | 10,919         | 13,250    |
| Horses.....            | 105,400   | 102,411   | 44,300    | 59,720           | 172,445   | 41,400         | 32,100    |
| Guns.....              | 2,798     | 3,188     | 1,266     | 1,672            | 2,712     | 1,600          | 1,488     |
| TOTAL PEACE ESTAB.     |           |           |           |                  |           |                |           |
| Men.....               | 604,268   | 575,248   | 226,528   | 310,150          | 1,111,383 | 253,578        | 202,750   |
| Horses.....            | 105,400   | 102,411   | 44,300    | 59,850           | 172,445   | 41,400         | 32,100    |
| Guns.....              | 2,798     | 3,188     | 1,266     | 1,672            | 2,712     | 1,600          | 1,488     |

Artillery in this table does not include fortress guns. \*Exclusive of Indian native troops.

## LAND FORCES OF EUROPE.

| CLASSES.                                | DANUBIAN STATES. |         |               |           |         |               |                    |            | Roumania. |          |
|-----------------------------------------|------------------|---------|---------------|-----------|---------|---------------|--------------------|------------|-----------|----------|
|                                         | Spain.           | Belgium | Nether-lands. | Den-mark. | Greece. | Switzer-land. | Sweden and Norway. | Bul-garia. |           | Ser-via. |
| Infantry.....                           | 50,746           | 29,709  | 12,400        | 6,718     | 11,260  | 114,843       | 32,767             | 27,900     | 32,700    | 26,420   |
| Cavalry.....                            | 13,499           | 6,040   | 3,000         | 737       | 1,200   | 4,641         | 6,164              | 3,120      | 7,300     | 2,365    |
| Artillery.....                          | 14,202           | 9,315   | 7,200         | 954       | 2,924   | 20,113        | 9,123              | 4,800      | 3,100     | 2,000    |
| Engineers and Train.....                | 7,308            | 1,856   | 1,250         | 475       | 1,230   | 13,147        | 3,097              | 1,900      | 2,046     | 1,810    |
| Total Active Army.....                  | 85,755           | 46,919  | 23,850        | 8,884     | 17,504  | 153,744       | 51,151             | 37,720     | 45,140    | 32,595   |
| East India Troops.....                  | .....            | .....   | 40,733        | .....     | .....   | .....         | .....              | .....      | .....     | .....    |
| Sanitary and Administrative Troops..... | 2,112            | 1,293   | 4,416         | 1,192     | 1,451   | 1,148         | 2,345              | .....      | .....     | 1,720    |
| 1st Reserves.....                       | 99,200           | 66,400  | 51,400        | 32,000    | 42,000  | 64,093        | 70,200             | 77,200     | 42,400    | 80,000   |
| 2d Reserves.....                        | 750,000          | 60,000  | 77,000        | 51,000    | 158,000 | 24,261        | 135,000            | 121,350    | 161,000   | 127,600  |
| Total Peace Strength.....               | 87,867           | 48,637  | 65,999        | 10,076    | 18,958  | 153,892       | 53,496             | 37,720     | 45,140    | 34,315   |
| Total War Strength.....                 | 937,067          | 175,087 | 194,399       | 93,078    | 218,958 | 242,156       | 258,696            | 336,270    | 248,540   | 241,915  |

## LAND FORCES OF MEXICO, SOUTH AMERICA, AND ASIA.

| CLASSES.                  | Japan.  | China.  | Mexico. | Brazil. | Chile. | Argent. Rep. | India.  | Ven-ezuela. |
|---------------------------|---------|---------|---------|---------|--------|--------------|---------|-------------|
| Infantry.....             | 96,400  | 165,000 | 18,966  | 16,400  | 12,000 | 14,100       | 111,465 | 6,000       |
| Cavalry.....              | 9,470   |         | 7,302   | 2,720   | 1,600  | 2,000        | 22,500  | 900         |
| Artillery.....            | 14,300  |         | 2,207   | 4,100   | 1,950  | 1,800        | 10,600  | 1,125       |
| Engineers and train.....  | 21,500  | 830     | 900     | 460     | 900    | 2,000        | 500     |             |
| Total peace strength..... | 141,770 | 165,000 | 29,205  | 24,120  | 15,410 | 18,800       | 146,565 | 8,525       |
| First reserves.....       | 93,000  | 500,000 | 27,379  | 26,500  | 57,300 | 20,000       | 200,000 | 21,000      |
| Second reserves.....      | 240,000 | .....   | 152,400 | 44,000  | .....  | 34,500       | .....   | .....       |
| Total war strength.....   | 474,770 | 665,000 | 208,984 | 94,620  | 72,710 | 73,300       | 346,565 | 29,525      |

ARMED STRENGTH OF THE WORLD—Continued.

NAVIES.

| CLASS OF VESSELS.                                                    | Great Britain. | France. | Germany. | Italy. | Russia. | Austria-Hungary. | Spain. | Denmark. | Netherlands. | Turkey. | Sweden. | Norway. | Portugal. |
|----------------------------------------------------------------------|----------------|---------|----------|--------|---------|------------------|--------|----------|--------------|---------|---------|---------|-----------|
| Battle-Ships, First Class.....                                       | 51             | 26      | 14       | 13     | 25      | 2                | 1      | 1        | ..           | 1       | ..      | ..      | 1         |
| Battle-Ships, Second Class.....                                      | 9              | 5       | 5        | 2      | 2       | 1                | ..     | 1        | ..           | ..      | ..      | ..      | ..        |
| Battle-Ships, Third Class.....                                       | 10             | 4       | ..       | ..     | 7       | 7                | 2      | 1        | ..           | 5       | ..      | ..      | ..        |
| Coast-Defence Ships.....                                             | 14             | 20      | 9        | 9      | 7       | 4                | 1      | 1        | 24           | 6       | 25      | 4       | 3         |
| Armored Cruisers.....                                                | 24             | 25      | 7        | 7      | 15      | 4                | 1      | ..       | ..           | ..      | ..      | ..      | ..        |
| Cruisers, First Class.....                                           | 21             | 5       | 5        | 3      | 12      | 1                | 3      | ..       | ..           | ..      | ..      | ..      | ..        |
| Cruisers, Second Class.....                                          | 113            | 49      | 21       | 14     | 25      | 6                | 1      | 6        | 14           | 3       | 5       | 6       | 7         |
| Cruisers, Third Class.....                                           | 54             | 13      | 21       | 19     | 9       | 13               | 17     | 8        | 40           | 4       | 5       | 3       | 1         |
| Gunboats, Sea-Going.....                                             | 57             | 14      | 20       | 13     | 11      | 16               | 26     | ..       | 39           | 5       | 10      | 11      | 21        |
| Gunboats, River.....                                                 | 52             | 48      | 9        | 4      | 18      | 9                | 3      | 9        | 7            | 9       | 2       | 2       | 4         |
| Transports and Despatch Vessels.....                                 | 30             | 42      | 11       | 8      | 18      | ..               | 10     | 16       | 8            | ..      | 18      | 13      | 18        |
| Tugs, Repair, Water, Coal, Hospital, Depot, and Special Service..... | 221            | 90      | 72       | 68     | 86      | 28               | 4      | 7        | 6            | 2       | 3       | 3       | 7         |
| School and Training Ships.....                                       | 17             | 12      | 14       | 11     | 9       | 4                | 5      | 1        | 9            | ..      | 4       | 2       | 1         |
| Subsidized and Auxiliary Ships.....                                  | 37             | 24      | 28       | 11     | 32      | ..               | 20     | 11       | ..           | ..      | ..      | ..      | ..        |
| Hulks and Obsolete.....                                              | 161            | 90      | 41       | 79     | 55      | 16               | 5      | ..       | ..           | 2       | ..      | ..      | ..        |
| Torpedo-Boat Destroyers.....                                         | 105            | 19      | 29       | 10     | 40      | ..               | 7      | ..       | 11           | 8       | 9       | 11      | ..        |
| Torpedo-Boats, First Class.....                                      | 47             | 170     | 84       | 24     | 91      | 31               | 6      | 17       | 43           | 17      | 35      | 25      | 24        |
| Torpedo-Boats, Second Class.....                                     | 69             | 93      | 73       | 70     | 51      | 26               | 8      | 6        | 25           | 27      | 21      | 7       | 7         |
| Torpedo-Boats, Third Class.....                                      | 64             | 61      | 16       | 68     | 43      | 16               | 7      | 11       | 14           | 15      | 16      | 4       | 7         |
| Officers.....                                                        | 5,112          | 1,926   | 1,200    | 824    | 2,382   | 640              | 792    | 270      | 850          | 697     | 190     | 141     | ..        |
| Enlisted Men.....                                                    | 98,730         | 43,400  | 32,500   | 21,511 | 36,924  | 9,746            | 6,512  | 1,600    | 21,500       | 20,000  | 4,361   | 2,942   | ..        |
| Heavy Guns.....                                                      | 1,120          | 760     | 340      | 180    | 672     | 264              | 180    | 88       | 370          | 182     | 116     | 78      | 82        |
| Secondary and Machine Guns.....                                      | 9,612          | 4,296   | 1,874    | 2,212  | 4,326   | 1,082            | 794    | 410      | 1,190        | 400     | 372     | 294     | 260       |

The table includes only ships built and in commission or laid up, and officers and men of marines as well as sailors and officers.

For the Navy of the United States see the pages devoted to the subject. [Consult Index.]

NAVIES.

| CLASS OF VESSELS.                            | Greece. | Chile. | Argentine Republic. | Peru. | Mexico. | Belgium. | China. | Japan. | Brazil. |
|----------------------------------------------|---------|--------|---------------------|-------|---------|----------|--------|--------|---------|
| Battle-Ships, First Class.....               | ..      | ..     | ..                  | ..    | ..      | ..       | ..     | 8      | ..      |
| Battle-Ships, Second Class.....              | ..      | ..     | ..                  | ..    | ..      | ..       | ..     | 1      | ..      |
| Battle-Ships, Third Class.....               | ..      | ..     | ..                  | ..    | ..      | ..       | ..     | 2      | ..      |
| Coast-Defence Ships.....                     | ..      | ..     | ..                  | ..    | ..      | ..       | ..     | 4      | 9       |
| Armored Cruisers.....                        | ..      | ..     | ..                  | ..    | ..      | ..       | ..     | ..     | ..      |
| Cruisers, First Class.....                   | ..      | 1      | 2                   | ..    | ..      | ..       | ..     | 2      | ..      |
| Cruisers, Other Classes.....                 | 5       | 4      | 4                   | 3     | 3       | ..       | 16     | 18     | 7       |
| Gunboats.....                                | 12      | 3      | 2                   | 6     | 4       | 27       | 24     | 16     | 20      |
| Torpedo-Boat Destroyers.....                 | ..      | 4      | 4                   | ..    | ..      | ..       | 4      | 19     | 4       |
| Torpedo-Boats, First Class.....              | 8       | 6      | 12                  | ..    | 2       | ..       | 8      | 67     | 12      |
| Torpedo-Boats, Second and Third Classes..... | 43      | 21     | ..                  | ..    | 5       | ..       | 12     | ..     | 17      |
| Despatch Boats, etc.....                     | 3       | 1      | 3                   | ..    | ..      | ..       | 2      | 4      | ..      |
| Transports and Auxiliaries.....              | 15      | 27     | 9                   | 1     | 2       | 1        | 8      | 31     | 18      |
| Tugs and Hulks.....                          | ..      | 7      | 16                  | 2     | 4       | 9        | ..     | 12     | 25      |
| Heavy Guns.....                              | 54      | 36     | 70                  | 8     | 14      | ..       | 28     | 540    | 98      |
| Secondary and Machine Guns.....              | 283     | 50     | 594                 | 40    | 45      | 81       | 326    | 1,012  | 540     |

WARS OF THE UNITED STATES.

STATEMENT OF THE NUMBER OF UNITED STATES TROOPS ENGAGED.

| WARS.                                | From—          | To—            | Regulars. | Militia and Volunteers. | Total.*   |
|--------------------------------------|----------------|----------------|-----------|-------------------------|-----------|
| War of the Revolution.....           | April 19, 1775 | April 11, 1783 | 130,711   | 164,080                 | 309,781   |
| Northwestern Indian Wars.....        | Sept. 19, 1790 | Aug. 3, 1795   | ..        | ..                      | 8,983     |
| War with France.....                 | July 9, 1798   | Sept. 30, 1800 | ..        | ..                      | 14,593    |
| War with Tripoli.....                | June 10, 1801  | June 4, 1805   | ..        | ..                      | 13,330    |
| Creek Indian War.....                | July 27, 1813  | Aug. 9, 1814   | 600       | 13,181                  | 13,781    |
| War of 1812 with Great Britain.....  | June 18, 1812  | Feb. 17, 1815  | 85,000    | 471,622                 | 576,622   |
| Seminole Indian War.....             | Nov. 20, 1817  | Oct. 21, 1818  | 1,000     | 6,911                   | 7,911     |
| Black Hawk Indian War.....           | April 21, 1831 | Sept. 31, 1832 | 1,339     | 5,126                   | 6,465     |
| Cherokee disturbance or removal..... | 1836           | 1837           | ..        | 9,494                   | 9,494     |
| Creek Indian War or disturbance..... | May 5, 1836    | Sept. 30, 1837 | 935       | 12,483                  | 13,418    |
| Florida Indian War.....              | Dec. 23, 1835  | Aug. 14, 1843  | 11,169    | 29,933                  | 41,122    |
| Aroostook disturbance.....           | 1836           | 1839           | ..        | 1,500                   | 1,500     |
| War with Mexico.....                 | April 24, 1846 | July 4, 1848   | 30,954    | 73,776                  | 112,230   |
| Apache, Navajo, and Utah War.....    | 1849           | 1855           | 1,500     | 1,061                   | 2,561     |
| Seminole Indian War.....             | 1856           | 1858           | ..        | 3,687                   | 3,687     |
| Civil War.....                       | 1861           | 1865           | ..        | ..                      | 2,772,408 |
| Spanish-American War.....            | April 21, 1898 | Aug. 12, 1898  | ..        | ..                      | \$274,717 |
| Philippine Insurrection.....         | 1899           | 1900           | ..        | ..                      | 60,000    |

\* Including all branches of the service. † Naval forces engaged. ‡ The number of troops on the Confederate side was about 600,000. § Troops actually engaged, about 60,000.

**Old Military Organizations of the United States.**

THE following summary contains a list of the military organizations in the United States (exclusive of the regular army) which have had a continuous existence of over half a century. The information was communicated to THE WORLD ALMANAC by State military authorities or the officers of the individual organizations.

**1637—Ancient and Honorable Artillery Company**, Boston, Mass. The oldest military company in the United States and the second oldest in the world. Received its charter from Governor Winthrop. Participated in the Indian wars and the Revolution. Officers, 4; non-commissioned officers and privates, 696; commander, Captain J. Stearns Cushing.

**1733—Charleston Light Dragoons**, Charleston, S. C. (Troop E, First Regiment South Carolina Cavalry.) Organized originally as the Horse Guards, and was in active service through Colonial and Revolutionary times. Served throughout the Civil War, 1861-65. Officers, 3; non-commissioned officers and privates, 54; commander, Captain Charles W. Kollock.

**1736—Georgia Hussars**, Savannah, Ga. (Troop A, First Regiment Georgia Cavalry.) Organized under a different title by Governor Oglethorpe for service in the colonies. Known as Chatham Light Dragoons in 1795; merged with Chatham Hussars in the War of 1812, taking present title 1818. Served in the Mexican, Indian, and Civil Wars. Officers, 3; non-commissioned officers and privates, 55; commander, Captain William W. Gordon, Jr.

**1741—Newport Artillery**, Newport, R. I. Organized on the declaration of war between Great Britain and Spain. Chartered February 1, 1749, by King George II. Furnished draft in the old French War. On alarm duty during the War of 1812. In service in the "Dorr War," and furnished a company in the Civil War and Spanish-American War. Officers, 11; non-commissioned officers and privates, 164; commander, Colonel John D. Richardson.

**1741—First Corps of Cadets**, Boston, Mass. Organized as the Governor's Company of Cadets, a bodyguard to the Governor of the province. Participated in the War of the Revolution, 1777-78; did garrison duty in the Civil War, and coast defence in the War with Spain. Officers, 20; non-commissioned officers and privates, 235; commander, Lieutenant-Colonel Thomas F. Edwards.

**1771—Governor's Foot Guard (First Company)**, Hartford, Ct. Escort to the Governor of Connecticut. In the Revolution reinforced General Gates at Saratoga in 1777. Its service has been continuous, and its dress uniform (that of the British grenadier) the same from the beginning. Officers, 6; non-commissioned officers and privates, 154; commander, Major Louis R. Cheney.

**1774—Kentish Guard**, East Greenwich, R. I. Its first commander was General James M. Varnum, and General Nathanael Greene was a charter member. In service in the War of the Revolution, the War of 1812, and the "Dorr War." Officers, 8; non-commissioned officers and privates, 66; commander, Colonel Thomas Allen.

**1774—First Troop Philadelphia City Cavalry**, Philadelphia, Pa. Served in the War of the Revolution (Trenton, Princeton, Brandywine, Valley Forge) and the War of 1812, and furnished a company in the Civil War; served in the War with Spain, later in Porto Rico; also riot duty at Harrisburg, 1877; Homestead, 1892; Hazleton, 1897, and Tamaqua, 1902. Officers, 4; non-commissioned officers and privates, 58; commander, Captain John C. Groome.

**1775—German Fusileers**, Charleston, S. C. Served in the War of the Revolution, the Seminole War, the Mexican War, the War of 1812, and the Civil War. Officers, 3; non-commissioned officers and privates, 90; commander, Captain Henry B. Schroeder.

**1775—Governor's Foot Guard (Second Company)**, New Haven, Ct. In active service during the War of the Revolution, under arms during the War of 1812. Furnished a company in the Civil War, which also did duty in the New York Draft Riots, 1863. It continues to wear its original uniform, that of the British grenadier. Officers, 6; non-commissioned officers and privates, 170; commander, Major Albert M. Johnson.

**1775—United Train of Artillery**, Providence, R. I. Served in the War of the Revolution, War of 1812, the "Dorr War," and the Civil War. Furnished three commissioned officers and fifty non-commissioned officers and privates in the War with Spain. Organized as a battalion. Officers, 20; non-commissioned officers and privates, 80; commander, Colonel Alvin H. Eccleston.

**1776—Liberty Independent Troop**, Liberty County, Ga. (Troop B, First Regiment Georgia Cavalry.) Served in the Revolution, War of 1812, and Civil War. Officers, 3; non-commissioned officers and privates, 59; commander, Captain A. Gordon Cassels.

**1778—Governor's Horse Guard (First Company)**, Hartford, Ct. Has not participated in the wars as an organization, but has furnished men in all of them. Officers, 5; non-commissioned officers and privates, 68.

**1784—Roxbury City Guard**, Boston, Mass. (Company D, First Regiment M. V. M.) Served in "Shays's Rebellion," 1787. Furnished three companies in the Civil War and a company in the War with Spain. Originally the Roxbury Artillery. Officers, 3; non-commissioned officers and privates, 60; commander, Captain Joseph H. Frothingham.

**1785—Second Corps of Cadets**, Salem, Mass. Garrisoned Fort Warren, Boston Harbor, in the Civil War and furnished some 160 commissioned officers in various organizations during the war. Officers, 18; non-commissioned officers and privates, 196.

**1786—Eighth Regiment, N. G. N. Y.**, New York City. Originally organized as a battalion of artillery, became the Third Regiment N. Y. Artillery in 1807, Eighth Regiment of Infantry in 1847, Eighth Battalion in 1893, and restored to regimental formation in 1896. Served in the War of 1812 and the Civil War, and the various New York City riots. Officers, 40; non-commissioned officers and privates, 596; commander, Colonel J. M. Jarvis.

**1786—Chatham Artillery**, Savannah, Ga. Served in the War of 1812, the Civil War, and the War with Spain. Officers, 4; non-commissioned officers and privates, 45; commander, Captain George P. Walker.

**1787—Independent Boston Fusileers**, Boston, Mass. (Company G, First Regiment M. V. M.) Served in the War of 1812, and furnished four companies in the Civil War, also served in the Spanish-American War. Officers, 3, non-commissioned officers and privates, 60; veteran association, 200; commander, Captain Albert B. Chick.

**1790—Veteran Corps of Artillery**, New York City. Formed as an independent organization by ex-officers and soldiers of the Revolutionary War. The Military Society of the War of 1812 was consolidated with it in 1848. Present original membership (War of 1812), 1; hereditary membership, 104; commandant, Rev. Morgan Dix, S. D. T.

- 1793—Richmond Light Infantry Blues** (Companies A and B), Richmond, Va. Served in the War of 1812, the Civil War, and the Spanish-American War. Officers, 11; non-commissioned officers and privates, 106; commander, Major Sol. Cutchins.
- 1793—Fayetteville Independent Light Infantry**, Fayetteville, N. C. Served in the War of 1812, Mexican War, Civil War, and the Spanish-American War. On its return formed into battalion North Carolina State Guard, under new officers. Its officers are a major and four captains. This rank was conferred on the company by the Legislature of 1819 for its services in the War of 1812. Officers, 7; non-commissioned officers and privates, 90; commander, Major James G. Hollingsworth.
- 1794—Bristol Train of Artillery**, Bristol, R. I. Served in the War of 1812, "Dorr War," and the Civil War. It is a chartered, active, independent organization, not attached to the State militia. Officers, 5; non-commissioned officers and privates, 40; commander, Colonel J. H. Bailey, Jr.
- 1798—Irish Volunteers**, Charleston, S. C. Served in the War of 1812, the Seminole War, the Civil War, and the riots of 1876. Furnished two companies to the Confederate Army. Officers, 3; non-commissioned officers and privates, 75; commander, Captain David F. Kearney.
- 1798—Boston Light Infantry** (Veteran Corps), Boston, Mass. Reorganized as a veteran corps in 1882. This organization garrisoned Fort Warren, in Boston Harbor, in the Civil War; served in the War with Spain, and later in the Philippines. Officers, 11; non-commissioned officers and privates, 109 uniform, 65 fine; commander, Captain Charles H. Lake.
- 1801—Providence Marine Corps of Artillery**, Providence, R. I. (Battery A, Light Artillery.) Served in the "Dorr War," the Civil War, and the Spanish-American War. Officers, 6; non-commissioned officers and privates, 90; commander, Lieutenant-Colonel Charles H. Weaver.
- 1802—Savannah Volunteer Guards**, Savannah, Ga. (First Battalion of Heavy Artillery, the Spanish-American War. Officers, 18; non-commissioned officers and privates, 214; commander, Major William W. Williamson.
- 1803—Portland Light Infantry** (Company A, First Infantry N. G. M.), Portland, Me. Served in the War of 1812, the Civil War, and the Spanish-American War. Officers, 3; non-commissioned officers and privates, 46; commander, Captain Burton E. Kennard.
- 1804—Lafayette Artillery**, South Lyndeboro, N. H. Served in the Civil War. Officers, 4; non-commissioned officers and privates, 40; commander, Captain Edward Ross.
- 1804—Beverly Light Infantry**, Beverly, Mass. (Company E, Eighth Regiment M. V. M.) Served in the War of 1812 and the Civil War. This company is in direct descent from the company that went to the capture of Louisiana, 1742, and from Captain Thorndike's company in the battle of Lexington, 1775. Officers, 3; non-commissioned officers and privates, 58.
- 1805—Salem Light Infantry**, Salem, Mass. (Company H, Eighth Regiment M. V. M.) Served in the War of 1812, the Civil War, and the Spanish-American War. Officers, 3; non-commissioned officers and privates, 60; commander, Captain George N. Jewett.
- 1806—Seventh Regiment, N. G. N. Y.**, New York City. Companies A, B, C, D were organized during the excitement created by the firing of British at American merchant vessels off Sandy Hook, and attached to an artillery battalion. In the course of years the organization underwent various changes, other companies were added, and in 1843 it became the Seventh Regiment of Infantry. Served in the War of 1812 and the Civil War, and in all the city riots since that of 1834. Officers, 47; non-commissioned officers and privates, 947; commander, Colonel Daniel Appleton.
- 1807—Washington Light Infantry**, Charleston, S. C. Served in the War of 1812, Seminole War, and the Civil War. Organized three companies for the Confederate Army. Organized as a battalion 1887. Officers, 12; non-commissioned officers and privates, 198; commander, Captain Frank E. Robson.
- 1807—Concord Artillery**, Concord, Mass. (Company I, Sixth Regiment M. V. M.) Served in the War of 1812 and the Civil War. Officers, 3; non-commissioned officers and privates, 58.
- 1808—Republican Blues**, Savannah, Ga. (Company A, First Regiment of Infantry, Georgia Volunteers.) Served in the War of 1812, Seminole War, the Civil War, and the Spanish-American War. Officers, 3; non-commissioned officers and privates, 45; commander, Captain Joseph M. Dreyer.
- 1810—"Grimes Battery,"** Portsmouth, Va. Served in the War of 1812, the Civil War, and the Spanish-American War. Officers, 4; non-commissioned officers and privates, 62; commander, First Lieutenant Charles A. Cuthrill.
- 1812—Lynn Light Infantry**, Lynn, Mass. (Company D, Eighth Infantry M. V. M.) Participated in the Civil War and the Spanish-American War. Reorganized in 1852. Officers, 3; non-commissioned officers and privates, 60; commander, Captain Charles T. Nilliker.
- 1813—State Fencibles**, Philadelphia, Pa. Served in the War of 1812, the "Buckshot War" of 1838, sent two companies to the Civil War, and served in the Spanish-American War. Organized as a battalion in 1878. Officers, 18; non-commissioned officers and privates, 200; commander, Major Thurber T. Brazier.
- 1816—New Haven Grays**, New Haven, Ct. (Company F, Second Regiment C. N. G.) Served in the Civil War. Officers, 3; non-commissioned officers and privates, 65; commander, Captain Edward O. Gruener.
- 1816—Fitchburg Fusileers**, Fitchburg, Mass. (Company B, Sixth Regiment M. V. M.) Served in the Civil War and the Spanish-American War. Officers, 3; non-commissioned officers and privates, 60; commander, Captain James C. Smith.
- 1818—First Light Infantry Regiment**, Providence, R. I. Served in the "Dorr War," the Civil War, and the Spanish-American War. Officers, 12; non-commissioned officers and privates, 250; commander, Colonel Frank A. Mattison.
- 1822—Washington Grays Artillery Corps**, Philadelphia, Pa. (Company G, First Regiment N. G. P.) Served in the Mexican and Civil Wars, the "Buckshot War," and the Spanish-American War; and riots, Philadelphia, 1844; Pittsburgh, 1877; Homestead, 1892; coal strike, 1902. Officers, 3; non-commissioned officers and privates, 60; commander, Captain George Barlow Zane, Jr.
- 1823—Strafford Guards**, Dover, N. H. (Company A, Second Regiment N. H. N. G.) Served in the Civil War and the Spanish-American War. Officers, 3; non-commissioned officers and privates, 40; commander, Captain Lewis E. Tuttle.
- 1825—Macon Volunteers**, Macon, Ga. Served in the Seminole War, Mexican War, Civil War, and the Spanish-American War. Officers, 2; non-commissioned officers and privates, 58; commander, Captain Robert C. Hazlehurst.

## OLD MILITARY ORGANIZATIONS OF THE UNITED STATES—Continued.

**1825—Company C, Sixth Regiment of Infantry, M. V. M.,** Lowell, Mass. Served in the Mexican War, Civil War, and Spanish-American War. Officers, 3; non-commissioned officers and privates, 60; commander, Captain C. T. Kittredge.

**1826—Old Guard of the City of New York,** Organized as the Light Guard, and in 1833 renamed the City Guard, and in 1868 the Old Guard; commander, Major S. Ellis Briggs.

**1828—National Blues,** New Haven, Ct. (Company D, Second Regiment C. N. G.) Served in the Civil War. Officers, 3; non-commissioned officers and privates, 65; commander, Captain Ernest N. Isbell.

**1828—Norfolk Light Artillery Blues,** Norfolk, Va. Served in the Civil War and the Virginia "Oyster Wars." Officers, 5; non-commissioned officers and privates, 61; commander, Captain M. C. Keeling.

**1830—Volunteer Southrons,** Vicksburg, Miss. Served in the Mexican, Civil, and Spanish-American Wars. Officers, 3; non-commissioned officers and privates, 37; commander, Captain James A. Gorman.

**1832—Duquesne Greys,** Pittsburgh, Pa. Served in the Mexican War and the Civil War. Officers, 4; non-commissioned officers and privates, 88; commander, Captain Thomas F. Wiley.

**1833—Albany Burgesses Corps,** Albany, N. Y. Served in the Anti-Rent War, 1839; Helderberg War, 1841; Albany riots, 1855-1860; Civil War, Albany railroad riots, 1877. Officers, 20; non-commissioned officers and privates, 130; commander, Major James Otis Woodward.

**1833—Second Battery, N. G. N. Y.,** New York City. Organized as the Washington Grey Troop Horse Artillery. After various changes, became Second Battery in the National Guard in 1882. Served in all the New York City riots and in the Civil War. Officers, 6; non-commissioned officers and privates, 86; commander, Captain David Wilson.

**1836—Montgomery True Blues,** Montgomery, Ala. (Company D, Second Regiment A. S. T.) Served in the Seminole War, Civil War, Mexican War, and the Spanish-American War. Officers, 3; non-commissioned officers and privates, 65; commander, Eugenius F. Baber, Jr.

**1836—Mobile Rifle Company,** Mobile, Ala. (Company F, First Regiment A. S. T.) Served in the Creek, Seminole, and Choctaw Indian Wars, the Mexican War, the Civil War, and the Spanish-American War. Officers, 3; non-commissioned officers and privates, 49; commander, Captain John S. Callaghan.

**1836—Washington Light Infantry,** Washington, D. C. (First Battalion D. C. N. G.) Served in the Civil War. Officers, 17; non-commissioned officers and privates, 186; commander, Lieutenant-Colonel Burton R. Ross.

**1836—National Lancers,** Boston, Mass. (Troop A, First Battalion Calvary M. V. M.) Organized four companies for the Civil War; is the annual escort of the Governor of Massachusetts to Harvard University commencements. Officers, 3; non-commissioned officers and privates, 78; commander, Captain Frank K. Neal.

**1837—Cleveland Grays,** Cleveland, O. Served in the Civil War as Company A, One Hundred and Fiftieth Regiment O. V. I.; served in the Spanish-American War. Officers, 3; non-commissioned officers and privates, 89; commander, Captain H. P. Shupe.

**1837—Columbus Riflemen,** Columbus, Miss. (Company A, Second Regiment M. N. G.) Served in the Mexican and Civil Wars. Officers, 4; non-commissioned officers and privates, 46; commander, Captain B. A. Lincoln.

**1840—Washington Artillery,** New Orleans, La. Served in the Mexican and Civil Wars. Contributed a battalion of four companies to the Confederate Army, and furnished a battery in the Spanish-American War. Officers, non-commissioned officers, and privates, 225; commander, Lieutenant-Colonel John B. Richardson.

**1841—Floyd Rifles,** Macon, Ga. (Company C, Second Regiment Infantry G. V.) Served in the Black Hawk (Florida), Mexican, Civil, and Spanish-American Wars. Officers, 3; non-commissioned officers and privates, 60; commander, Captain W. L. Starr.

**1842—Brooklyn City Guard** (Company G, Twenty-third Regiment N. G. N. Y.), Brooklyn, N. Y. Served in the Civil War as Company G, Thirteenth Regiment. Incorporated with the Twenty-third Regiment 1873. Strike duty at Hornellsville 1877, Buffalo 1892, Brooklyn 1895, Albany 1901. Seventy per cent of members volunteered for duty in the Spanish-American War. Officers, 3; non-commissioned officers and privates, 98; commander, Captain Harold A. Davidson.

**1845—Mobile Cadets,** Mobile, Ala. (Company A, First Regiment A. S. T.) Volunteered in the Mexican War. Served in the Civil War and the Spanish-American War. Officers, 3; non-commissioned officers and privates, 53; commander, Captain George H. Jones.

**1847—Twelfth Regiment, N. G. N. Y.,** New York City. Served in the Civil War and riots. Officers, 38; non-commissioned officers and privates, 941; commander, Colonel G. R. Dyer.

**1847—Fourteenth Regiment, N. G. N. Y.,** Brooklyn, N. Y. Served in the Civil War and riots. Officers, 48; non-commissioned officers and privates, 753; commander, Colonel A. L. Kline.

**1848—Lawrence Light Infantry,** Lawrence, Mass. (Company F, Ninth Regiment M. V. M., originally Company I, Sixth Regiment, transferred 1878.) Took part in the Civil War and the Spanish-American War. Officers, 3; non-commissioned officers and privates, 60; commander, Captain Patrick A. Sands.

**1849—Charlestown City Guard,** Charlestown District, Boston, Mass. (Company H, Fifth Infantry M. V. M.) Took part in the Civil War and the Spanish-American War. Officers, 3; non-commissioned officers and privates, 60; commander, Captain Francis Meredith, Jr.

**1851—Sixty-ninth Regiment, N. G. N. Y.,** New York City. Served in the Civil War and various riots in New York City. Officers, 39; non-commissioned officers and privates, 656; commander, Colonel E. Duffy.

**1851—Richardson Light Guard,** Wakefield, Mass. (Company A, Sixth Infantry M. V. M.) Served in the Civil War and the Spanish-American War. Officers, 3; non-commissioned officers and privates, 60; commander, Captain John H. McMahon.

**1852—Seventy-first Regiment, N. G. N. Y.,** New York City. Served in the Civil War, New York City riots, and in the Spanish-American War. Officers, 40; non-commissioned officers and privates, 699; commander, Colonel W. G. Bates.

**1852—Battery E, First Regiment Heavy Artillery, M. V. M.,** New Bedford, Mass. Served actively during the Civil War and the Spanish-American War. Officers, 3; non-commissioned officers and privates, 60; commander, Captain Joseph L. Gibbs.



## Statistics of the Countries of the World.

| COUNTRIES.                   | Population. | Sq. Miles. | Capitals.       | COUNTRIES.                 | Population. | Sq. Miles. | Capitals.      |
|------------------------------|-------------|------------|-----------------|----------------------------|-------------|------------|----------------|
| China.....                   | 402,680,000 | 4,128,401  | Peking.         | Turkish Empire.....        | 33,559,787  | 1,652,539  | Constantinople |
| British Empire.....          | 396,105,693 | 11,137,213 | London.         | European Turkey.....       | 4,750,000   | 63,850     | .....          |
| Russian Empire.....          | 129,004,514 | 8,660,395  | St. Petersburg. | Asiatic Turkey.....        | 16,133,900  | 729,170    | .....          |
| United States.....           | 176,303,357 | 3,602,990  | Washington.     | Tripoli.....               | 1,000,000   | 398,873    | Tripoli.       |
| United States and Islands    | 189,000,000 | 3,756,834  | Washington.     | Bulgaria.....              | 3,154,375   | 57,860     | Sofia.         |
| Philippines.....             | 6,931,339   | 143,000    | Manila.         | Egypt.....                 | 9,700,000   | 400,000    | Cairo.         |
| Porto Rico.....              | 983,243     | 3,600      | San Juan.       | Italy.....                 | 32,449,754  | 110,663    | Rome.          |
| Hawaii.....                  | 154,001     | 6,740      | Honolulu.       | Italy and Colonies.....    | 34,970,785  | 425,765    | Rome.          |
| Tutuila, Samoa.....          | 6,100       | 500        | .....           | Abyssinia.....             | 4,500,000   | 189,000    | .....          |
| Guam.....                    | 9,000       | 54         | .....           | Eritrea.....               | 660,000     | 56,100     | .....          |
| France and Colonies.....     | 65,166,977  | 3,250,000  | Paris.          | Somal Coast.....           | 210,000     | 70,000     | .....          |
| France.....                  | 38,641,333  | 204,092    | Paris.          | Spain.....                 | 15,500,216  | 196,173    | Madrid.        |
| Colonies.....                | 21,448,054  | 2,923,679  | .....           | Spanish Africa.....        | 437,000     | 203,767    | .....          |
| Algeria.....                 | 4,790,000   | 184,434    | Algiers.        | Spanish Islands.....       | 127,172     | 1,957      | .....          |
| Senegal, etc.....            | 18,437      | 850,000    | St. Louis.      | Brazil.....                | 18,000,000  | 3,218,130  | Rio Janeiro.   |
| Tunis.....                   | 1,900,000   | 45,000     | Tunis.          | Mexico.....                | 15,570,545  | 767,316    | City of Mexico |
| Cayenne.....                 | 26,329      | 46,637     | Cayenne.        | Korea.....                 | 10,312,000  | 85,000     | Seoul.         |
| Cambodia.....                | 1,500,000   | 40,530     | Saigon.         | Congo State.....           | 8,000,000   | 802,000    | .....          |
| Cochin-China.....            | 2,323,499   | 23,160     | .....           | Persia.....                | 7,653,000   | 636,000    | Teheran.       |
| Tonquin.....                 | 12,000,000  | 119,560    | Hanoi.          | Portugal.....              | 5,428,659   | 36,028     | Lisbon.        |
| New Caledonia.....           | 62,752      | 7,624      | Noumea.         | Portugal and Colonies..... | 11,073,881  | 951,785    | Lisbon.        |
| Tahiti.....                  | 12,800      | 462        | .....           | Portuguese Africa.....     | 5,416,000   | 841,025    | .....          |
| Sahara.....                  | 1,100,000   | 1,550,000  | .....           | Portuguese Asia.....       | 847,503     | 7,923      | .....          |
| Madagascar.....              | 3,500,000   | 28,500     | Antananarivo    | Sweden and Norway.....     | 3,767,321   | 297,321    | .....          |
| German Empire, in Europe     | 56,367,178  | 208,830    | Berlin.         | Sweden.....                | 5,136,441   | 172,676    | Stockholm.     |
| Prussia.....                 | 34,422,559  | 134,031    | Berlin.         | Norway.....                | 2,292,880   | 124,447    | Kristiania.    |
| Bavaria.....                 | 6,176,037   | 29,284     | Munich.         | Morocco.....               | 6,500,000   | 314,000    | .....          |
| Saxony.....                  | 4,202,216   | 5,787      | Dresden.        | Belgium.....               | 6,069,321   | 11,327     | Brussels.      |
| Wurtemberg.....              | 2,164,480   | 7,528      | Stuttgart.      | Siam.....                  | 5,700,000   | 260,550    | Bangkok.       |
| Baden.....                   | 1,867,944   | 5,821      | Karlsruhe.      | Roumania.....              | 5,376,000   | 46,314     | Bucharest.     |
| Alsace-Lorraine.....         | 1,719,470   | 5,600      | Strasbourg.     | Argentine Republic.....    | 4,800,000   | 1,095,012  | Buenos Ayres.  |
| Hesse.....                   | 1,119,893   | 2,965      | Darmstadt.      | Colombia.....              | 4,600,000   | 314,000    | Bogota.        |
| Mecklenburg-Schwerin.....    | 607,770     | 5,137      | Schwerin.       | Afghanistan.....           | 4,000,000   | 279,000    | Cabul.         |
| Hamburg.....                 | 768,349     | 158        | .....           | Chile.....                 | 3,110,085   | 256,860    | Santiago.      |
| Brunswick.....               | 464,353     | 1,425      | Brunswick.      | Peru.....                  | 3,000,000   | 405,040    | Lima.          |
| Oldenburg.....               | 399,180     | 2,479      | Oldenburg.      | Switzerland.....           | 3,712,551   | 15,881     | Berne.         |
| Saxe-Weimar.....             | 362,873     | 1,378      | Weimar.         | Bolivia.....               | 3,000,000   | 472,000    | La Paz.        |
| Anhalt.....                  | 316,085     | 906        | Dessau.         | Greece.....                | 2,433,806   | 91,977     | Athens.        |
| Saxe-Meiningen.....          | 250,731     | 953        | Meiningen.      | Denmark.....               | 2,447,411   | 14,780     | Copenhagen.    |
| Saxe-Coburg-Gotha.....       | 198,717     | 760        | Gotha.          | Denmark and Colonies.....  | 2,285,193   | 101,403    | Copenhagen.    |
| Bremen.....                  | 180,443     | 99         | .....           | Iceland.....               | 72,445      | 89,756     | Reykjavik.     |
| Saxe-Altenburg.....          | 161,129     | 511        | Altenburg.      | Greenland.....             | 9,780       | 46,740     | Godthaab.      |
| Lippe.....                   | 123,250     | 472        | Detmold.        | West Indies.....           | 33,763      | 116        | .....          |
| Reuss (Younger line).....    | 112,118     | 319        | Gera.           | Venezuela.....             | 2,444,816   | 566,159    | Caracas.       |
| Mecklenburg-Strelitz.....    | 98,371      | 1,131      | Neu Strelitz.   | Serbia.....                | 2,066,043   | 18,757     | Belgrade.      |
| Schwarzburg-Rudolstadt.....  | 89,839      | 363        | Rudolstadt.     | Liberia.....               | 2,086,000   | 35,000     | Monrovia.      |
| Schwarzburg-Sond's's'n.....  | 73,233      | 323        | Sondershausen.  | Nepal.....                 | 2,000,000   | 56,800     | Khatmandu.     |
| Lubeck.....                  | 76,485      | 115        | .....           | Cuba.....                  | 1,600,000   | 41,655     | Havana.        |
| Waldeck.....                 | 56,865      | 433        | Arolsen.        | Oman.....                  | 1,600,000   | 81,000     | Muscat.        |
| Reuss (Elder line).....      | 53,787      | 122        | Greiz.          | Guatemala.....             | 1,574,340   | 46,774     | N. Guatemala.  |
| Schaumburg-Lippe.....        | 37,204      | 131        | Buckeburg.      | Ecuador.....               | 1,300,000   | 144,000    | Quito.         |
| German Africa.....           | 5,950,000   | 822,000    | .....           | Hayti.....                 | 1,211,625   | 9,820      | Portau Prince  |
| Austro-Hungarian Empire..... | 47,102,000  | 201,591    | Vienna.         | Salvador.....              | 915,512     | 7,928      | Sau Salvador.  |
| Japan.....                   | 43,760,115  | 147,669    | Tokio.          | Uruguay.....               | 840,725     | 72,112     | Montevideo.    |
| Netherlands.....             | 5,103,924   | 12,680     | The Hague.      | Khiva.....                 | 700,000     | 22,320     | Khiva.         |
| Netherlands and Colonies     | 33,042,238  | 773,187    | The Hague.      | Paraguay.....              | 600,000     | 145,000    | Asuncion.      |
| Borneo.....                  | 1,075,500   | 203,714    | .....           | Honduras.....              | 420,000     | 42,825     | Tegucigalpa.   |
| Celebes.....                 | 2,000,000   | 72,000     | .....           | Nicaragua.....             | 420,000     | 51,660     | Managua.       |
| Java.....                    | 12,974,161  | 50,848     | Batavia.        | Dominican Republic.....    | 600,000     | 20,596     | San Domingo.   |
| Moluccas.....                | 353,000     | 49,420     | Amboyna.        | Montenegro.....            | 245,280     | 3,486      | Cettinje.      |
| New Guinea.....              | 200,000     | 150,755    | .....           | Costa Rica.....            | 309,683     | 19,985     | San Jose.      |
| Sumatra.....                 | 2,750,000   | 170,744    | .....           |                            |             |            |                |
| Surinam.....                 | 57,141      | 46,060     | Paramaribo.     |                            |             |            |                |

\* These estimates of the population and area of the British Empire include the recently acquired great possessions in Africa. For statistics in detail see tabular page entitled "The British Empire." † Census of 1900. ‡ Estimated for January 1, 1903.

## Civil Lists of European Sovereigns.

Austria-Hungary, Emperor of, \$3,875,000.  
 Bavaria, King of, \$1,412,000.  
 Belgium, King of, \$660,000.  
 Denmark, King of, \$227,775; and Crown Prince, \$33,330.  
 Greece, King of, \$260,000.  
 Italy, King of, \$2,858,000, of which \$180,000 for family.  
 Netherlands, Queen of, \$250,000, also a large revenue from domains, and \$62,500 for royal family, courts, and palaces.  
 Norway and Sweden, King of, \$575,525.  
 Portugal, King of, \$634,440.

Prussia, King of, \$3,852,770; also a vast amount of private property, castles, forests, and estates, out of which the court expenditure and royal family are paid.  
 Roumania, King of, \$237,000.  
 Russia, Czar of, has private estates of more than 1,000,000 square miles of cultivated land and forests, besides gold and other mines in Siberia. The annual income has been estimated at about \$12,000,000.  
 Saxony, King of, \$735,000.  
 Servia, King of, \$240,000.  
 Spain, King of, \$1,400,000, besides \$600,000 for family.  
 Württemberg, King of, \$449,050.—Barker's Facts.

# Ministries of Principal European Countries.

DECEMBER 1, 1902.

## AUSTRIA-HUNGARY.

### EMPIRE.

*Minister Foreign Affairs*—Count Goluchowski.  
*Minister Finance*—B. Benjamin von Källay.

*Minister War*—Baron Edler von Krieghammer.

### AUSTRIA.

*Premier and Minister Interior*—Dr. von Körber.  
*Minister Defences*—Count Welsersheimb.  
*Minister Railways*—Dr. von Wittek.  
*Minister Public Instruction*—Dr. von Hartel.  
*Minister Finance*—Dr. Böhm von Bawerk.

*Minister Justice*—(vacant).  
*Minister for Galicia*—Professor Pientak.  
*Minister Agriculture*—Baron Giovanelli.  
*Minister Commerce*—Baron Call.  
*Minister for Bohemia*—Dr. Rezek.

### HUNGARY.

*Premier and Minister Interior*—Koloman von Szell.  
*Minister Defences*—Baron Géza Fűjervary.  
*Minister Commerce*—Alexander von Hegedűs.  
*Minister Education and Worship*—Dr. J. Wlassitch.  
*Minister Finance*—Ladislav Lukacs.

*Minister Agriculture*—Ignatius Daranyi.  
*Minister Justice*—Dr. Plosz.  
*Minister for Croatia*—Erwin Cseh.  
*Minister at Court of Vienna*—Count Emmanuel Szechenyi.

## BELGIUM.

*Premier, Finance, and Public Works*—M. De Smet De Naeyer.  
*Minister Foreign Affairs*—Paul de Favereau.  
*Minister Interior and Public Instruction*—M. de Trooz.

*Minister Agriculture*—M. van der Bruggen.  
*Minister Justice*—M. van den Heuvel.  
*Minister Railways, Industry, and Labor*—M. Liebart.  
*Minister War*—General Crousebank d'Alkemade.

## FRANCE.

*President and Minister Interior*—M. Combes.  
*Minister Foreign Affairs*—M. Delcasse.  
*Minister Agriculture*—M. Mougeot.  
*Minister Finance*—M. Rouvier.  
*Minister Colonies*—M. Doumergue.  
*Minister Commerce*—M. Trouillot.

*Minister Marine*—M. Camille Pelletan.  
*Minister War*—Gen. André  
*Minister Public Works*—M. Maruéjouls  
*Minister Justice and Worship*—M. Vallé.  
*Minister Instruction and Arts*—M. Chaumié.  
*Minister Posts and Telegraphs*—M. Berard.

## GERMANY.

*Chancellor of the Empire*—Count Bernard von Bülow.  
*Minister Foreign Affairs*—Baron von Richthofen.  
*Minister Interior*—Count von Posadowski-Wehner.  
*Minister Marine*—Admiral von Tirpitz.

*Minister Justice*—Dr. Nieberding.  
*Minister Finance*—Baron von Thielmann.  
*Minister Post-Office*—Herr Kraetke.  
*Minister Railroads*—General von Budde.

## ITALY.

*President*—Signor Tranardelli.  
*Minister Interior*—Signor Giolitti.  
*Minister Foreign Affairs*—Signor Prinetti.  
*Minister Justice*—Signor Cocco Ortù.  
*Minister War*—General Ottolenghi.  
*Minister Marine*—Vice-Admiral Morin.

*Minister Instruction*—Signor Nasi.  
*Minister Finance*—Signor Carcano.  
*Minister Treasury*—Signor Di Broglio.  
*Minister Agriculture*—Signor Baccelli.  
*Minister Public Works*—Signor Balanzano.  
*Minister Posts and Telegraphs*—Signor Galimberti.

## NETHERLANDS.

*President and Minister Interior*—A. Kuyper.  
*Minister Foreign Affairs*—Baron M. van Lynden.  
*Minister Colonies*—A. W. F. Idenburg.  
*Minister Justice*—J. A. Loeff.

*Minister War*—J. W. Bergansius.  
*Minister Finance*—J. J. J. Harte van Tecklenburg.  
*Minister Marine*—C. Kruys.  
*Minister Commerce*—J. C. de Marez-Oyens.

## RUSSIA.

*President of the Council*—M. Dournovo.  
*Minister Foreign Affairs*—Count Lamsdorff.  
*Minister Finance*—M. de Witte.  
*Minister Interior*—M. Plevé.  
*Minister Instruction*—M. Senger.  
*Minister Imperial Household*—Baron Frederiks.

*Minister Im. Domains and Agriculture*—M. Yermoloff.  
*Minister War*—Lieutenant-General Kouropatkin.  
*Minister Marine*—Vice-Admiral Tirtoff.  
*Minister Justice*—M. Muraviev.  
*Minister Public Works*—Prince Khilkoff.  
*Minister Religion*—M. Pobedonostseff.

## SPAIN.

*President of Council*—Señor Sagasta.  
*Minister War*—General Weyler.  
*Minister Marine*—Duke de Veragua.  
*Minister Interior*—Señor Segismundo Moret.  
*Minister Finance*—Señor Firso Rodríguez.

*Minister Justice*—Señor Montilla.  
*Minister Foreign Affairs*—Duke de Almodovar.  
*Minister Public Education*—Señor Romanones.  
*Minister Public Works*—Señor J. Suarez Tuelán.

## SWEDEN AND NORWAY.

### SWEDEN.

*Prime Minister*—E. G. Boström.  
*Minister Foreign Affairs*—C. H. T. A. Lagerheim.  
*Minister Justice*—O. Berger.  
*Minister War*—J. T. Crusebjörn.  
*Minister Marine*—A. A. L. Palander.  
*Minister Interior*—H. G. Westring.

*Minister Finance*—E. F. V. Meyer.  
*Minister Instruction*—C. von Friesen.  
*Minister Agriculture*—A. T. Odelberg.  
*Ministers without portfolios*—K. S. Husberg, Y. O. Ramstedt.

### NORWAY.

*President of Council and Minister of the Interior*—O. A. Blehr.  
*Minister Defence*—Lieut.-Col. H. G. J. Stang.  
*Minister Justice*—S. T. Aarstad.

*Minister Finance and Customs*—E. Sunde.  
*Minister Public Works*—J. G. Lövdal.  
*Minister Religion and Instruction*—V. A. Wexelsen.  
*Minister of Agriculture*—W. Konow.

## DELEGATION OF THE COUNCIL AT STOCKHOLM.

*Minister of State*—O. A. Qvinn.

*Ministers*—S. Ibsen, G. Knudsen.

# Heads of the Governments of the World.

DECEMBER 1, 1902.

| COUNTRY.                  | Official Head.                     | Title.         | Born.          | Acceded.       |
|---------------------------|------------------------------------|----------------|----------------|----------------|
| Abyssinia                 | Menelik II.                        | Emperor        | 1843           | March 12, 1889 |
| Afghanistan               | Habibulla Khan                     | Ameer          |                | Jan. 3, 1901   |
| Annam                     | Thanh Thai                         | King           | 1879           | Jan. 30, 1889  |
| Argentine Republic        | Julio A. Roca                      | President      |                | Dec. 12, 1898  |
| Austria-Hungary           | Francis Joseph                     | Emperor        | Aug. 18, 1830  | Dec. 2, 1848   |
| Baluchistan               | Mir Mahmud                         | Khan           |                | Aug. 1, 1893   |
| Belgium                   | Leopold II.                        | King           | April 9, 1835  | Dec. 10, 1865  |
| Bokhara                   | Seid Abdul Ahad                    | Ameer          |                | Nov. 12, 1885  |
| Bolivia                   | General Pando                      | President      |                | Nov. 24, 1869  |
| Brazil                    | Francisco de P. Rodrigues Alves    | President      | July 7, 1843   | Oct. 1, 1902   |
| Bulgaria                  | Ferdinand                          | Prince         | Feb. 26, 1861  | Aug. 11, 1887  |
| Chile                     | German Riesco                      | President      | 1851           | Sept. 18, 1901 |
| China                     | Kuang Hsü (Queen, his aunt, rules) | Emperor        | Aug. 2, 1872   | Jan. 12, 1875  |
| Colombia                  | J. M. Marroquin                    | Act. President |                | 1900           |
| Congo Free State          | Leopold (King of the Belgians)     | Sovereign      | April 9, 1835  | April 30, 1885 |
| Costa Rica                | Asuncion Esquivel                  | President      |                | May 8, 1902    |
| Dahomey                   | Guthill                            | King           |                | Jan. 15, 1894  |
| Denmark                   | Christian IX.                      | King           | April 8, 1818  | Nov. 15, 1863  |
| Dominican Republic        | Juan Isidro Jimfines               | President      |                | Nov. 11, 1899  |
| Ecuador                   | General Leonidas Plaza             | President      |                | Aug. 31, 1901  |
| Egypt                     | Abbas Pacha                        | Khédive        | July 14, 1874  | Jan. 7, 1892   |
| France                    | Emile Loubet                       | President      | Dec. 31, 1838  | Feb. 18, 1899  |
| Germany                   | William II.                        | Emperor        | Jan. 27, 1859  | June 15, 1888  |
| Russia                    | William II.                        | King           |                |                |
| Bavaria                   | Otto                               | King           | April 27, 1848 | June 13, 1886  |
| Saxony                    | George                             | King           | Aug. 8, 1832   | June 19, 1902  |
| Württemberg               | William II.                        | King           | Feb. 25, 1848  | Oct. 6, 1891   |
| Baden                     | Frederick                          | Grand Duke     | Sept. 9, 1826  | Sept. 5, 1856  |
| Hesse                     | Ernst Louis V.                     | Grand Duke     | Nov. 25, 1868  | March 13, 1892 |
| Lippe-Detmold             | Alexander (A Regency)              | Prince         | Jan. 16, 1831  | March 20, 1895 |
| Anhalt                    | Frederick                          | Duke           | April 29, 1831 | May 22, 1871   |
| Brunswick                 | Prince Albrecht                    | Regent         | May 8, 1837    | Oct. 21, 1885  |
| Mecklenburg-Schwerin      | Frederick Francis IV.              | Grand Duke     | April 9, 1882  | April 10, 1897 |
| Mecklenburg-Strelitz      | Frederick William                  | Grand Duke     | Oct. 17, 1819  | Sept. 6, 1860  |
| Oldenburg                 | Frederick Augustus                 | Grand Duke     | Nov. 16, 1852  | June 13, 1900  |
| Saxe-Altenburg            | Ernest                             | Duke           | Sept. 16, 1826 | Aug. 3, 1853   |
| Saxe-Coburg and Gotha     | Leopold (Duke of Albany)           | Duke           | July 19, 1884  | July 30, 1900  |
| Saxe-Meiningen            | George II.                         | Duke           | April 2, 1826  | Sept. 20, 1866 |
| Saxe-Weimar               | William Ernest                     | Grand Duke     | June 10, 1876  | Jan. 5, 1901   |
| Waldeck-Pyrmont           | Frederick                          | Prince         | Jan. 20, 1865  | May 12, 1893   |
| Great Britain and Ireland | Edward VII.                        | King           | Nov. 9, 1841   | Jan. 22, 1901  |
| Greece                    | George                             | King           | Dec. 24, 1845  | Oct. 31, 1863  |
| Guatemala                 | Manuel Estrada Cabrera             | President      | Dec. 24, 1845  | Sept. 25, 1898 |
| Hayi                      | Revolution in progress             | President      |                |                |
| Honduras                  | Terencio Sierra                    | President      |                | Feb. 11, 1899  |
| India, Empire of          | Edward                             | Emperor        | Nov. 9, 1841   | Jan. 22, 1901  |
| Italy                     | Victor Emmanuel III.               | King           | Nov. 11, 1869  | July 29, 1900  |
| Japan                     | Mutsuhito                          | Mikado         | Nov. 3, 1852   | Feb. 13, 1867  |
| Khiva                     | Seid Mahomed Rahim                 | Khan           | 1845           | 1865           |
| Korea                     | Li Hsi                             | Emperor        | July 25, 1851  | Jan. 1, 1864   |
| Liberia                   | George W. Gibson                   | President      |                | Dec. 11, 1900  |
| Luxembourg                | Adolphus (Duke of Nassau)          | Grand Duke     | July 24, 1817  | Nov. 23, 1890  |
| Mexico                    | General Porfirio Diaz              | President      | Sept. 30, 1830 | Dec. 1, 1884   |
| Monaco                    | Albert                             | Prince         | Nov. 13, 1848  | Sept. 1, 1889  |
| Montenegro                | Nicholas                           | Prince         | Oct. 7, 1841   | Aug. 14, 1860  |
| Morocco                   | Muley Abdul Azziz                  | Sultan         | 1878           | June 11, 1894  |
| Nepal                     | Surendra Bikram Shamsheer Jaing    | Maharaja       | Aug. 8, 1875   | May 17, 1881   |
| Netherlands               | Wilhelmina                         | Queen          | Aug. 31, 1880  | Sept. 5, 1898  |
| Nicaragua                 | General José S. Zelaya             | President      |                | 1898           |
| Oman                      | Seyyid Feysal bin Turkee           | Sultan         |                | June 4, 1888   |
| Paraguay                  | Juan Ezcurra                       | President      |                | Nov. 25, 1902  |
| Persia                    | Muzafer ed Din                     | Shah           | Mar. 25, 1853  | May 1, 1896    |
| Portugal                  | Eduardo Romana                     | President      |                | Aug. 14, 1899  |
| Roumania                  | Carlos                             | King           | Sept. 28, 1863 | Oct. 19, 1889  |
| Russia                    | Charles                            | King           | April 20, 1839 | March 26, 1881 |
| Salvador                  | Nicholas II.                       | Emperor        | May 18, 1868   | Nov. 2, 1894   |
| Sarawak                   | Tomas Regalado                     | President      |                | Nov. 19, 1898  |
| Servia                    | Sir Charles Johnson Brooke         | Raja           | June 3, 1829   | June 11, 1868  |
| Siam                      | Alexander                          | King           | Aug. 14, 1876  | March 6, 1889  |
| Spain                     | Khoulalokorn                       | King           | Sept. 21, 1853 | Oct. 1, 1868   |
| Sweden and Norway         | Alphonso XIII.                     | King           | May 17, 1866   | May 17, 1866   |
| Switzerland               | Oscar II.                          | King           | Jan. 21, 1829  | Sept. 18, 1872 |
| Tunis                     | A. Deucher                         | President      |                | Jan. 1, 1903   |
| Turkey                    | Hafiz Mehemet Pasha                | Bey            |                | July, 1900     |
| United States of America  | Abdul Hamid II.                    | Sultan         | Sept. 22, 1842 | Aug. 31, 1876  |
| Uruguay                   | Theodore Roosevelt                 | President      | Oct. 27, 1858  | Sept. 14, 1901 |
| Venezuela                 | Juan Lindolpho Cuestas             | President      |                | March 1, 1899  |
| Zanzibar                  | Cipriano Castro                    | President      |                | 1899           |
|                           | Seyyid Ali                         | Sultan         | 1856           | 1902           |

## Sovereigns of Europe.

ARRANGED ACCORDING TO THE DATES OF THEIR ACCESSION TO THE THRONE.

| SOVEREIGNS.                                                | Accession. | Age at Accession. |
|------------------------------------------------------------|------------|-------------------|
| Francis Joseph, Emperor of Austria.....                    | 1849       | 18                |
| Frederick, Grand Duke of Baden.....                        | 1852       | 25                |
| Ernest, Duke of Saxe-Altenburg.....                        | 1853       | 26                |
| John II., Prince of Liechtenstein.....                     | 1858       | 18                |
| Henry XXII., Pr. of Reuss (Elder line).....                | 1859       | 13                |
| Nicholas, Prince of Montenegro.....                        | 1860       | 19                |
| Frederick William, Grand Duke of Mecklenburg-Strelitz..... | 1860       | 40                |
| Adolphus, Prince of Schaumburg-Lippe.....                  | 1860       | 43                |
| George I., King of the Hellenes.....                       | 1863       | 17                |
| Christian IX., King of Denmark.....                        | 1863       | 45                |
| Leopold II., King of the Belgians.....                     | 1865       | 30                |
| Charles, King of Roumania.....                             | 1866       | 26                |
| George II., Duke of Saxe-Meiningen.....                    | 1866       | 40                |
| Henry XIV., Prince of Reuss (Younger line).....            | 1867       | 35                |
| Frederick, Duke of Anhalt.....                             | 1871       | 40                |
| Oscar II., King of Sweden and Norway.....                  | 1872       | 43                |
| Abdul Hamid, Sultan of Turkey.....                         | 1876       | 33                |
| Leo XIII., Pope.....                                       | 1878       | 68                |
| Charles, Prince of Schwarzburg-Sondershausen.....          | 1880       | 49                |
| Alphonso XIII., King of Spain.....                         | 1886       | 40                |
| Otto I., King of Bavaria.....                              | 1886       | 38                |
| William II., German Emperor.....                           | 1888       | 29                |
| Alexander I., King of Servia.....                          | 1889       | 13                |
| Albert, Prince of Monaco.....                              | 1889       | 41                |
| Charles I., King of Portugal.....                          | 1889       | 26                |
| Gunther, Pr. of Schwarzburg-Rudolstadt.....                | 1890       | 38                |
| Adolphus, Grand Duke of Luxemburg.....                     | 1890       | 73                |
| Wilhelmina, Queen of Netherlands.....                      | 1890       | 10                |
| William, King of Württemberg.....                          | 1891       | 43                |
| Ernest Louis, Grand Duke of Hesse.....                     | 1892       | 23                |
| Frederick, Prince of Waldeck.....                          | 1893       | 28                |
| Nicholas II., Emperor of Russia.....                       | 1894       | 26                |
| Adolphus, Prince of Lippe-Detmold.....                     | 1895       | 36                |
| Frederick IV., Grand Duke of Mecklenburg-Schwerin.....     | 1897       | 15                |
| Fred'k Augustus, Grand Duke, Oldenburg.....                | 1900       | 47                |
| Victor Emmanuel III., King of Italy.....                   | 1900       | 30                |
| Leopold, Duke of Saxe-Coburg-Gotha.....                    | 1900       | 16                |
| William Ernest, G'd Duke Saxe-Weimar.....                  | 1901       | 24                |
| Edward VII., King of Great Britain, etc.....               | 1901       | 59                |
| George, King of Saxony.....                                | 1902       | 69                |

ARRANGED ACCORDING TO THEIR RESPECTIVE AGES.

| SOVEREIGNS.                                                | Y. of Birth. | Age Jan. 4, 1903. |
|------------------------------------------------------------|--------------|-------------------|
| Leo XIII., Pope.....                                       | 1810         | 92 9 29           |
| Adolphus, Grand Duke of Luxemburg.....                     | 1817         | 85 5 7            |
| Adolphus, Pr. of Schaumburg-Lippe.....                     | 1817         | 85 5 7            |
| Christian IX., King of Denmark.....                        | 1818         | 84 8 22           |
| Frederick William, Grand Duke of Mecklenburg-Strelitz..... | 1819         | 83 2 13           |
| George II., Duke of Saxe-Meiningen.....                    | 1826         | 76 8 23           |
| Frederick, Grand Duke of Baden.....                        | 1826         | 76 3 21           |
| Ernest, Duke of Saxe-Altenburg.....                        | 1826         | 76 3 14           |
| Oscar II., King of Sweden and Norway.....                  | 1829         | 73 11 10          |
| Charles, Prince of Schwarzburg-Sondershausen.....          | 1830         | 72 4 24           |
| Francis Joseph, Emperor of Austria.....                    | 1830         | 72 4 13           |
| Frederick, Duke of Anhalt.....                             | 1831         | 71 8 2            |
| George, King of Saxony.....                                | 1832         | 70 10 11          |
| Henry XIV., Pr. of Reuss (Younger line).....               | 1832         | 70 7 3            |
| Leopold II., King of the Belgians.....                     | 1835         | 67 8 21           |
| Charles, King of Roumania.....                             | 1839         | 63 8 19           |
| John II., Prince of Liechtenstein.....                     | 1840         | 62 2 26           |
| Nicholas, Prince of Montenegro.....                        | 1841         | 61 2 23           |
| Edward VII., King of G't Britain, etc.....                 | 1841         | 61 1 23           |
| Abdul Hamid, Sultan.....                                   | 1842         | 60 3 8            |
| George I., King of the Hellenes.....                       | 1845         | 57 0 7            |
| Henry XXII., Pr. of Reuss (Eld. line).....                 | 1846         | 56 9 3            |
| William, King of Württemberg.....                          | 1848         | 54 10 3           |
| Otto, King of Bavaria.....                                 | 1848         | 54 8 4            |
| Albert, Prince of Monaco.....                              | 1848         | 54 1 19           |
| Gunther, Pr. of Schwarzburg-Rudolstadt.....                | 1852         | 50 4 28           |
| F'k Augustus, Grand Duke of Oldenburg.....                 | 1852         | 49 6 9            |
| William II., German Emperor.....                           | 1859         | 43 11 4           |
| Adolphus, Prince of Lippe-Detmold.....                     | 1859         | 43 5 11           |
| Charles I., King of Portugal.....                          | 1863         | 39 3 4            |
| Frederick, Prince of Waldeck.....                          | 1865         | 37 11 11          |
| Nicholas II., Emperor of Russia.....                       | 1868         | 34 7 14           |
| Ernest Louis, Grand Duke of Hesse.....                     | 1868         | 34 1 6            |
| Victor Emmanuel III., King of Italy.....                   | 1869         | 32 8 19           |
| William Ernest, G'd Duke Saxe-Weimar.....                  | 1876         | 26 6 22           |
| Alexander I., King of Servia.....                          | 1876         | 26 4 18           |
| Wilhelmina, Queen of Netherlands.....                      | 1880         | 22 4 1            |
| Frederick IV., Grand Duke of Mecklenburg-Schwerin.....     | 1882         | 20 0 1            |
| Leopold, Duke of Saxe-Coburg-Gotha.....                    | 1884         | 18 0 11           |
| Alphonso XIII., King of Spain.....                         | 1886         | 16 7 14           |

## COST OF THE BRITISH ROYAL FAMILY.

The annuities paid by the British people to the royal family for its support are as follows: The King and Queen, \$2,350,000; Prince of Wales, \$100,000; Princess of Wales, \$50,000; Princess Louise (Duchess of Fife), Princess Victoria, and Princess Maud, the daughters of the King, \$30,000 each; Princess Christian, \$30,000; Princess Louise (Duchess of Argyll), \$30,000; Duke of Connaught, \$125,000; Princess Beatrice, \$30,000; Duke of Cambridge, \$60,000; Duchess of Albany, \$30,000; Duchess of Mecklenburg-Strelitz, \$15,000. Total, \$2,820,000. The King also receives the revenues of the Duchy of Lancaster. During recent years these have amounted to about \$500,000 per annum. The Prince of Wales has an income also from the revenues of the Duchy of Cornwall amounting to about \$300,000 per annum. When the royal children marry dowries are usually provided for them. The last of the children of the late Queen Victoria to marry, Princess Beatrice, received \$150,000 as dowry from the British people by Parliamentary grant.

## THE RULERS OF FRANCE FROM THE REVOLUTION OF 1792.

(Whitaker's Almanack.)

*The First Republic.*

The National Convention first sat..... Sept. 21, 1792  
The Directory nominated..... Nov. 1, 1795

*The Consulate.*

Bonaparte, Cambacérès, and Lebrun..... Dec. 24, 1799  
Bonaparte, Consul for 10 years..... May 6, 1802  
Bonaparte, Consul for life..... Aug. 2, 1802

*The Empire.*

Napoleon I. decreed Emperor..... May 18, 1804  
Napoleon II. (never reigned)..... died July 22, 1832

*The Restoration.*

Louis XVIII. re-entered Paris..... May 3, 1814  
Charles X. (dep. July 30, 1830, d. Nov. 6, 1836)..... 1824

*The House of Orleans.*

Louis Philippe, King of the French..... 1830  
(Abdicated Feb. 24, 1848, died Aug. 26, 1850.)

*The Second Republic.*

Provisional Government formed..... Feb. 23, 1848  
Louis Napoleon elected President..... Dec. 19, 1848

*The Second Empire.*

Napoleon III. elected Emperor..... Nov. 22, 1852  
(Deposed Sept. 4, 1870, died Jan. 9, 1873.)

*The Third Republic.*

Committee of Public Defence..... Sept. 4, 1870  
L. A. Thiers elected President..... Aug. 31, 1871  
Marshal MacMahon elected President..... May 24, 1873  
Jules Grévy elected President..... Jan. 30, 1879  
Marie F. S. Carnot elected President..... Dec. 3, 1887  
(Assassinated at Lyons, June 24, 1894.)  
Jean Casimir Perier elected President..... June 27, 1894  
Felix François Faure elected Pres't..... Jan. 17, 1895  
Emile Loubet elected President..... Feb. 18, 1899

## Reigning Families

## OF THE PRINCIPAL EUROPEAN COUNTRIES.

## AUSTRIA-HUNGARY.

**Francis Joseph I.**, the Emperor of Austria and King of Hungary, was born August 18, 1830, and was proclaimed Emperor of Austria after the abdication of his uncle, Ferdinand I., on December 2, 1848. He was crowned King of Hungary June 8, 1867. He married, in 1854, Elizabeth, a daughter of Duke Maximilian of Bavaria. She died by the hand of an Anarchist in Geneva, September 10, 1898. They had issue:

1. Archduchess Gisela, born 1856; married to Leopold, son of the Regent Luitpold of Bavaria. Issue, two daughters and two sons.

2. Archduke Rudolph, late heir apparent, born 1858; died by suicide 1889. He married, 1881, Stephanie, daughter of the present King of the Belgians, and had issue one daughter, the Archduchess Elizabeth, born 1883; married, 1902, Count Otto Windischgrath. The widowed Crown Princess Stephanie married, March, 1900, Count Elémér Lonyay.

3. Archduchess Marie Valerie, born 1868; married, 1890, Archduke Francis-Salvator of Tuscany.

On the death of the Crown Prince, in 1889, the right of succession to the throne passed to the Emperor's eldest brother, the Archduke Charles Louis, who was born 1833, and died 1896; he married, 1862 (second marriage), the Princess Annunziata, daughter of King Ferdinand II. of Naples, and had issue the Archduke Francis Ferdinand, born 1863, who is the heir presumptive to the throne (married, morganatically, 1900, Countess Sophie Chotek, and renounced the claim of his issue by her to the throne); the Archduke Otto, born 1865, and married to the Princess Marie Josefa of Saxony, and has two sons (Archdukes Charles, born 1887, and Maximilian, born 1895); the Archduke Ferdinand, born 1868, and unmarried, and the Archduchess Margaret Sophia, born 1870, died 1902; she married in 1893 Albert, Duke of Württemberg. By a third marriage, the Archduke Charles Louis had two daughters.

The Emperor has a second brother, the Archduke Louis Victor, born 1842, who is unmarried.

There are over seventy other archdukes and archduchesses of Austria, cousins of the Emperor, collateral relatives of the reigning house and members of the formerly reigning branches of Tuscany and Modena. The family is descended from Count Rudolph of Hapsburg, who was elected Emperor of Germany in 1273.

## BAVARIA.

**Otto**, King of Bavaria, was born April 27, 1848, and succeeded his brother, Ludwig II., June 13, 1886, when that mad monarch committed suicide by drowning himself in the Starnberg Lake. Otto is also crazy, and is shut up in one of his châteaux, and the kingdom is governed by Prince Luitpold, his uncle, as regent. The latter is also the heir apparent to the throne; was born in 1821; married, 1844, the Austrian Archduchess Augusta of Tuscany, who is dead, and has four children:

1. Prince Louis, born 1845; married the Austrian Archduchess Maria Theresa, and has six daughters and four sons, the eldest of the latter being Prince Rupert, born 1869, and married, 1900, his cousin, Princess Marie Gabrielle of Bavaria.

2. Prince Leopold, born 1846; married to the Austrian Archduchess Gisela, daughter of the Emperor Francis Joseph I. There are two daughters and two sons.

3. Princess Theresa, born 1850; Prioress of a Convent in Munich.

4. Prince Arnulf, married, and has a son.

King Otto has five cousins who bear princely titles, children of his dead uncle, Adalbert.

The royal house of Bavaria comes from the Counts of Wittelsbach of the twelfth century, one of whose descendants was elevated to the rank of Elector, and a later one made King by Napoleon I.

## BELGIUM.

**Leopold II.**, King of the Belgians, was born April 9, 1835, and was a son of Leopold I., Prince of Saxe-Coburg-Gotha (uncle of Queen Victoria), who was elected King of the Belgians in 1831, and Princess Louise, daughter of King Louis Philippe of France. The present King, who ascended the throne in 1865, was married, in 1853, to the Austrian Archduchess Marie Henriette (died 1902), and has the following children:

1. Princess Louise, born 1858; married to Prince Philippe of Saxe-Coburg-Gotha.

2. Princess Stephanie, born 1864; married, 1881, to the late Crown Prince Rudolph of Austria, and has one daughter, Princess Stephanie married, 1900, Elémér, Count Lonyay of Nagy-Lonya and Vasoras-Nameny; Chamberlain to the Emperor of Austria.

3. Princess Clementine, born 1872.

The King's brother is Prince Philippe, Count of Flanders, born in 1837; married to the Hohenzollern Princess Marie. He has renounced his right to the throne in favor of his son, Prince Albert, who is, therefore, the present heir apparent. He had two sons, the eldest being Baldwin, who died in 1891, and the other Albert, born in 1875, and married, in 1900, the Princess Elizabeth of Bavaria (daughter of Prince Charles of Bavaria). They have one son, Prince Leopold, born in 1901. Prince Philippe has also two daughters, Henriette, born 1870, and Josephine, born 1872; married, 1894, to Prince Charles of Hohenzollern-Sigmaringen.

The sister of the King is the hapless ex-Empress Carlotta of Mexico, widow of Maximilian. She was born in 1840, widowed in 1867, has no children, and is now insane.

## DENMARK.

**Christian IX.**, King of Denmark, born April 8, 1818, was Duke of Schleswig-Holstein-Sonderburg-Glücksburg, and succeeded to the throne of Denmark by virtue of treaty and the law of the Danish succession on the death of his kinsman, Frederick VII., in 1863. He married the Princess Louise of Hesse-Cassel, who died September 29, 1898, and has had the following offspring:

1. Prince Royal Frederick, born 1843; married to the Princess Louise of Sweden in 1869 and has four daughters and four sons, the eldest of the latter being Prince Christian, born in 1870, and married, 1898, Princess Alexandrina of Mecklenburg, and has two sons, and the second, Prince Charles, born 1872, and married, 1896, Princess Maud, third daughter of King Edward VII. The eldest daughter is married to Prince Frederic of Schaumburg-Lippe, the second son of Prince Charles of Sweden and Norway.

2. The Queen of Great Britain and Ireland (Alexandra), born 1844; married 1863, and has four living children.

3. The King of the Hellenes (George I.), born 1845; married to the Grand Duchess Olga of Russia, and has one daughter and five sons, the eldest of the latter being Prince Constantine.

4. The Dowager Empress of Russia (Dagmar), born 1847; married the late Czar Alexander III. in 1866, and has five children, one being the present Czar.

5. The Duchess of Cumberland (Thyra), born 1853; married the present Duke of Cumberland (English title), son of the ex-King of Hanover, in 1878, and has three sons and three daughters,

REIGNING FAMILIES—*Continued.*

6. Prince Waldemar, born 1858; married, 1885, the Princess Marie of Orleans, daughter of the Duke of Chartres, and has four sons and a daughter. He was elected reigning Prince of Bulgaria in 1886, but declined.

## GERMANY.

**William II.**, German Emperor and King of Prussia, was born January 27, 1859; succeeded his father, the Emperor Frederick III., June 15, 1888. He married the Princess Victoria of Schleswig-Holstein-Sonderburg-Augustenburg (born 1838), and has had issue:

1. Frederick William, Crown Prince, born 1882; 2. William Eitel-Frederick, born 1883; 3. Adalbert, born 1884; 4. August, born 1887; 5. Oscar, born 1888; 6. Joachim, born 1890; 7. Victoria Louise, born 1892.

The Emperor's brother is Prince Henry, born 1862, and married, 1888, to his cousin, Princess Irene of Hesse, daughter of the late Princess Alice of England, and has three sons; and the Emperor has four sisters, all the children of the late Emperor Frederick and the Princess Victoria of England (the Dowager Empress Frederick, who died in 1901). The sisters are:

1. Princess Charlotte, born 1860; married, 1878, to George, hereditary Prince of Saxe-Meiningen, and has one daughter.

2. Princess Victoria, born 1866; married, 1890, to Prince Adolph of Schaumburg-Lippe (Regent of Lippe-Detmold).

3. Princess Sophia, born 1870; married, 1889, to Constantine, Crown Prince of Greece, and has two sons and a daughter.

4. Princess Margaret, born 1872; married, 1893, to Prince Frederick Charles of Hesse, and has five sons.

The Emperor has an aunt, the Princess Louise, born 1838, married to the present Grand Duke of Baden; and he has a number of cousins, descendants of the brothers and sisters of the Emperor William I. One of these, Prince Albert, born 1837, is a field marshal in the German Army, and another, Princess Margaret, daughter of the late Prince Frederick Charles, is the wife of the British Duke of Connaught, son of Queen Victoria. The reigning family is descended from Frederick of Hohenzollern, a German count in 980, and Frederick William, the Elector of Brandenburg, 1640-88, whose son became King of Prussia.

## GREECE.

**George I.**, King of the Hellenes, born December 24, 1845, elected King in 1863. He is the son of the present King of Denmark, Christian IX., and brother of the Queen of Great Britain and the Dowager Empress of Russia. He married, 1867, the Grand Duchess Olga, eldest daughter of the Grand Duke Constantine of Russia, grand uncle to the present Emperor. They have had six living children, five sons and one daughter. The eldest son is:

Prince Constantine, born 1868; married, 1889, the Princess Sophia, sister of the present German Emperor, and has two sons, Prince George, born 1890, and Prince Alexander, born 1893, and a daughter, Princess Helen, born 1896.

The King's eldest daughter, Alexandra, married, in 1889, the Grand Duke Paul, uncle of the present Emperor of Russia, and died September 24, 1891, leaving a daughter and a son.

## ITALY.

**Victor Emmanuel III.**, King of Italy, was born November 11, 1869, and is the only son of Humbert I., second King of United Italy, murdered by the Anarchist Bresci at Monza, July 29, 1900. He married, in 1896, Princess Helene, daughter of Nicholas, Prince of Montenegro, and has two daughters, Princess Iolande, born June 1, 1901, and Princess Matalda, born November 19, 1902.

His apparent, Emmanuel, Duke of Aosta, born 1869; eldest son of the late Prince Amadeus, brother of King Humbert and ex-King of Spain; married, 1895, Princess Helene of Orleans, daughter of the late Count of Paris, and they have had issue two children, Amadeus, born 1898, and Aimon, born 1900. The three remaining sons of the late Prince Amadeus are Victor, Count of Turin, born 1870; Louis, Duke of Abruzzi, born 1873, and Humbert, Count of Salemi, born in 1889 of his second marriage with his niece, Princess Letitia, daughter of Prince Napoleon Bonaparte and the Princess Clotilde.

The mother of the King is Queen Margherita, daughter of the late Prince Ferdinand of Savoy. She was born 1851, and married the late King 1868.

The following are the aunts of the King:

1. Princess Clotilde, born 1843; married, 1859, to Prince Napoleon Jerome Bonaparte, the late head of the Bonaparte family, and has issue two sons and a daughter, Letitia. (See "Bonapartists.")

2. Dowager Queen Maria Pia of Portugal, born 1847, and married, 1862, to the late King Louis of Portugal, and has two sons.

The King's great aunt by marriage, the Princess Elizabeth, widow of the Duke of Genoa, has a son (Prince Thomas, Duke of Genoa, married, 1883, Princess Isabella, daughter of Prince Adelbert of Bavaria, and has one son) and a daughter, the latter being the late King Humbert's wife. The family is descended from the Counts of Savoy, who flourished in the eleventh century.

## NETHERLANDS.

**Wilhelmina**, Queen of the Netherlands and Princess of Orange-Nassau, born August 31, 1880, daughter of the late King William III. and Emma, daughter of Prince George Victor of Waldeck. She married, February 7, 1901, Duke Henry of Mecklenburg-Schwerin.

The Queen's mother is the late Regent Queen Emma, whose regency lasted from the death of the late King, her husband, November 23, 1890, until the end of the minority of her daughter, August 31, 1898. The Queen's aunt is the Princess Sophia, married to the Grand Duke of Saxe-Weimar. She has a son, Prince Charles, born 1844, and two daughters. This family, known as the House of Orange, is descended from the Princes of Orange, stadtholders during the Dutch Republic.

## PORTUGAL.

**Charles I.**, King of Portugal, born September 28, 1863, son of the late King Louis and his spouse, the Princess Pia, daughter of King Victor Emmanuel of Italy. He succeeded to the throne October 19, 1889. He married, 1886, the Princess Amelie of Orleans, daughter of the Count of Paris, and has two sons, Prince Louis Philippe, Duke of Braganza, born 1887, and Prince Manuel, Duke of Beja, born 1889.

The King has a brother, Prince Alphonse, Duke of Oporto, born 1865, and unmarried; and an aunt married to the Prince of Hohenzollern-Sigmaringen, and has three sons.

The reigning family belongs to the House of Braganza, whose founder was an illegitimate son of King John I. (A. D. 1400) of the old line of Portuguese kings.

## REIGNING FAMILIES—Continued.

## ROUMANIA.

**Charles I.**, King of Roumania, born April 30, 1839, is a son of the late Prince Charles of Hohenzollern-Sigmaringen, and was elected "Lord of Roumania" by the nobles thereof in 1866. He was proclaimed King in 1881. He married, 1869, Elizabeth, a daughter of the princely German House of Wied. He has no children.

The succession to the throne, in the event of his being childless, has been settled by the constitution of the kingdom upon his elder brother, Prince Leopold of Hohenzollern-Sigmaringen; but he has renounced his right to the throne in favor of his son, Prince Ferdinand, born 1865, who is, therefore, the heir presumptive. He married the Princess Marie, eldest daughter of the late Duke of Saxe-Coburg-Gotha (the British Duke of Edinburgh), January 10, 1893, and has two sons and a daughter.

## RUSSIA.

**Nicholas II.**, Emperor of Russia, was born May 18, 1868, and succeeded his father, the late Emperor Alexander III., November 1, 1894. He is married to the Princess Alice (Alix) of Hesse-Darmstadt, daughter of the Princess Alice of Great Britain, and has four daughters, Olga, born in 1895; Tatiana, born in 1897; Marie, born in 1899, and Anastasia, born in 1901.

The late Emperor Alexander III., born in 1845, married, in 1866, the Princess Dagmar, daughter of the present King of Denmark, had issue three sons: 1. Nicholas, the present Emperor; 2. Grand Duke George (the late Czarevitch), born 1871, died 1899; 3. Grand Duke Michael (the present Czarevitch), born December 4, 1878, and heir apparent since the death of his elder brother, and two daughters: 1. Grand Duchess Xenia, born April 6, 1875; married, August 6, 1894, her cousin, the Grand Duke Alexander, and has two sons and a daughter, and 2. Grand Duchess Olga, born June 13, 1882, married to Prince Peter of Oldenburg. The uncles and aunts of the Emperor are:

1. Grand Duke Vladimir, born 1847; married, 1874, the Princess Marie of Mecklenburg-Schwerin, and has three sons and one daughter. Grand Duke Boris, who was in America in 1902, is the second son and was born in 1877. In the event that the Emperor and his invalid brother Michael die without male issue, Vladimir is next in succession to the throne.

2. Grand Duke Alexis, High Admiral, born 1850. He is unmarried.

3. Grand Duchess Marie, born 1853; married to the Duke of Edinburgh, and has had one son (deceased) and four daughters.

4. Grand Duke Sergius, born 1857; married, 1884, Princess Elizabeth of Hesse-Darmstadt, daughter of Princess Alice of England, and has no issue.

5. Grand Duke Paul, born 1860; married, 1889, Princess Alexandra, daughter of the King of the Hellenes. She died September 24, 1891, leaving a son, the Grand Duke Demetrius, and a daughter.

The Emperor has one grand uncle (son of the Emperor Nicholas I.), Grand Duke Michael, born 1832, field marshal in the Russian Army; married, 1857, Princess Cecelia of Baden, and has issue six living children, the eldest daughter, Anastasia, born 1860, being the wife of the late Grand Duke of Mecklenburg-Schwerin.

A grand uncle, the Grand Duke Constantine, born 1827; died January 12, 1892; married, 1848, Princess Alexandra of Saxe-Altenburg, and had issue five children, the Grand Duke Nicholas, born 1850, being the eldest, and the Grand Duchess Olga, born 1851, the eldest daughter, being married to the King of the Hellenes.

A third grand uncle, the Grand Duke Nicholas, born 1831, field marshal in the Russian Army, died in 1891; married, in 1856, the Princess Alexandra of Oldenburg, and had issue two sons, the youngest of whom, the Grand Duke Peter, married, in 1889, Militsa, daughter of the present Prince of Montenegro and sister of Queen Helene of Italy.

The Russian reigning family is descended from Michael Romanoff, elected Czar in 1613. The members of the family for over two centuries, however, have married so generally into the German royal houses that the present Romanoffs are practically, by blood, Germans; as much so as their kinsman, the head of the German Empire.

## SAXONY.

**George**, King of Saxony, born August 8, 1832, succeeded to the throne on the death of his brother Albert, 1902; married, 1851, the Infanta Maria, daughter of the late King Ferdinand of Portugal, and has issue Princess Mathilde, born 1863; Prince Frederick August, born 1865; married, 1891, Archduchess Louise of Austria, and has one daughter and three sons (the eldest being Prince George, born 1893); Princess Maria Josepha, born 1867, married to the Archduke Otto of Austria; Prince John, born 1869, married to the Duchess Maria Isabella of Wurtemberg; Prince Max, born 1870, a priest.

The King has an aunt, Princess Elizabeth, born 1830, who married Prince Ferdinand of Sardinia, and is a widow. The widow of the late King Albert, Queen Carola, is also living.

The royal house of Saxony is one of the oldest in Europe, having given an emperor to Germany as early as the beginning of the tenth century. The Elector of Saxony assumed the title of King in 1806, and was confirmed therein in 1815.

## SPAIN.

**Alphonso XIII.**, King of Spain, born May 17, 1886, nearly six months after the death of his father, Alphonso XII. His mother, Maria Christina, an Austrian princess, is the Queen Regent during his minority. He has two sisters, the Princess of Asturias, Maria-de-las-Mercedes, born 1880, wedded in 1901 to Prince Charles of Bourbon, and the Infanta Maria Theresa, born 1882.

The King's aunts are the Infantas Isabella, widow of the Count de Girgenti; Maria, wife of Prince Louis of Bavaria, and Eulalie, divorced wife of Prince Antonio of Orleans, who visited the United States and the World's Fair in 1893.

The King's grandmother is ex-Queen Isabella, born in 1830, crowned 1833, abdicated 1870. Her husband, the Infant Francis d'Assisi, born 1822, died in 1902.

The King's grand aunt, the Infanta Louisa, widow of the Duke of Montpensier (son of King Louis Philippe of France), now dead, was the mother of a son and three daughters: 1. The wife of the late Count of Paris, and mother of the French pretender, the Duke of Orleans; 2. The late Marie Mercedes, wife of Alphonso XII., deceased; 3. The Infanta Christina, also deceased.

A second cousin of the King is Don Carlos, born in 1848, and a pretender to the Spanish throne, who is married, and has four daughters and a son, Prince Jaime, born in 1870.

The Spanish reigning family are Bourbons, descendants of King Louis XIV. of France.

## REIGNING FAMILIES—Continued.

## SERVIA.

**Alexander I.**, King of Servia born August 14, 1876, son of King Milan I. (died at Vienna in 1901), who abdicated in 1889, and Natalie, daughter of Colonel Keschko, of the Russian Imperial Guard. Alexander was proclaimed King in 1889, on the abdication of his father. He is the only child of his parents. He married August 5, 1900, Madame Draga Maschin, a widow, who has the title Queen Draga. The ex-King obtained a divorce from Queen Natalie in 1888.

The present reigning house was founded by Milos Todorovic Obrenovic, leader of the insurrection against the yoke of Turkey in 1815-29. The Turkish Government recognized the quasi-independence of Servia in 1829, and confirmed the title of Obrenovic as reigning prince. The present King is the fifth of his dynasty, being descended from a brother of the founder.

## SWEDEN AND NORWAY.

**Oscar II.**, King of Sweden and Norway, born January 21, 1829; son of Oscar I., and grandson of Marshal Bernadotte. He married, 1857, the Princess Sophia of Nassau, and has had four sons, the eldest of whom is the Crown Prince Gustavus, born 1858; married, 1881, to the Princess Victoria of Baden, and has three sons, born in 1882, 1884, and 1889 respectively. The King's other sons are: Prince Oscar, born 1859, married to Lady Ebba Munck, one of his mother's maids of honor, and relinquished his rights to the throne; Prince Carl, born 1861, and married, 1897, Princess Ingeborg, a second daughter of the Crown Prince of Denmark, and Prince Eugene, born 1865. The King has a niece, Louise, married to the Crown Prince of Denmark. The royal family comes from Napoleon's Marshal Bernadotte, a Frenchman, who was elected heir apparent to the crown of Sweden in 1810, and became King in 1818.

## WÜRTTEMBERG.

**William II.**, King of Württemberg, born February 25, 1848, succeeded his uncle, King Charles I., October 6, 1891. He married, 1877, Princess Marie of Waldeck, who died, leaving a daughter, Pauline, born 1877. The King married, second, Princess Charlotte of Schaumburg-Lippe, by whom he has no children.

The King's mother, Princess Catherine, is living, and he has an aunt, Princess Augusta, married to Prince Herman of Saxe-Weimar, with issue of four sons and two daughters. He has a number of cousins, one of them being the late Duke of Teck, who was married to the English Princess Mary of Cambridge, who died in 1897.

## The French Pretenders.

## BONAPARTIST.

Of the Emperor Napoleon I. and his brothers Joseph and Louis, male issue is now extinct. The Emperor's brothers Lucien and Jérôme are represented by the following living descendants, and they constitute the present Imperialist house of France:

Prince Victor Napoleon (of the house of Jérôme), born July 18, 1862, is the son of the late Prince Napoleon (who died March 18, 1891) and the Princess Clotilde, sister of the late King Humbert of Italy. The Prince has been recognized by his party as the undisputed head of the Bonaparte family. He lives in Brussels and is unmarried. His only brother, Prince Louis Napoleon, born 1864, is a general in the Russian Army and is unmarried. His sister, Princess Letitia, born 1866, is the widow of Prince Amadeus of Italy, her own uncle, by whom she had a son, Prince Humbert, born 1889.

The living aunt of Prince Victor Napoleon is the Princess Mathilde, born 1820; married, 1840, Prince Demidoff of Russia; now a widow without children.

Prince Charles Napoleon, brother of the late Cardinal Bonaparte, who died February 12, 1899, was the last representative of the eldest son of Napoleon's brother Lucien, in the male line. He was born 1839; was married and had two daughters—Marie, wife of Lieutenant Gotti, of the Italian Army, and Eugénie, unmarried. He had three sisters, married respectively to the Marquis of Roccagiovine, Count Primoli, and Prince Gabrelli, who have descendants.

Prince Roland Bonaparte is the only living male cousin of Prince Charles Napoleon. He is a son of the late Prince Pierre Napoleon Bonaparte; was born 1858; married, 1880, the daughter of Blanc, one of the proprietors of the Monte Carlo gambling-hell. His wife died in 1882, leaving him a daughter and a fortune. He has one sister, Jeanne, born 1861, and married to the Marquis de Villeneuve.

Ex-Empress Eugénie, widow of Emperor Napoleon III., was a daughter of Count Cyprien de Montijo, a Spanish grandee, and was born May 5, 1826. She married 1853. Became a widow 1873. Her only son, Prince Louis Napoleon, was killed in Zululand in 1879.

## BOURBON—ORLEANIST.

Robert, Duke of Orleans, born 1869, succeeded his father, the late Count of Paris, in 1894 as the head of the royal family of France. He married, in 1896, the Archduchess Marie-Dorothea, daughter of the Archduke Joseph, cousin of the Emperor of Austria. His mother (still living) was the Spanish Infanta Louise of Montpensier, and he has one brother, the Duke of Montpensier, and four sisters, the eldest of the latter being the Princess Amélie, who is married to the King of Portugal, and the second Helena, who is married to the Duke of Aosta, nephew of the late King Humbert of Italy and heir presumptive to the throne, and the third Isabel, married to the Duke of Guise, son of the Duke of Chartres.

The only uncle of the Duke of Orleans is the Duke of Chartres, born 1840, and married to a daughter of the Prince of Joinville. The issue are two daughters and two sons, the eldest son being Prince Henry, born 1867 (died at Saigon, Cochinchina, in 1901); the second the Duke of Guise; the eldest daughter, Princess Marie, being married to Prince Waldemar of Denmark, and the second daughter, Princess Marguerite, being married (in 1896) to Patrice MacMahon, Duke of Magenta.

The grand uncles of the Duke of Orleans (who were the sons of King Louis Philippe) are all dead. They were the Prince of Joinville, born 1818, died 1900, married to a daughter of Pedro I. of Brazil, and had one daughter and one son, the Duke of Penthièvre, born 1845; Henry, Duke of Aumale, born 1822, died (childless) 1897; Anthony, Duke of Montpensier, born 1824, died 1890 (married, 1852, a sister of Queen Isabella of Spain, and had a daughter, the wife of the Count of Paris, and a son, Prince Anthony, born 1866, who married, 1888, his cousin, the Infanta Eulalie of Spain), and Louis, Duke of Nemours, born 1814, died 1896. He was the father of two daughters, the Princess Cratortorska, deceased, and Princess Blanche of Orleans, and two sons, the eldest being the Count of Eu, born 1842, married to a daughter of Pedro II. of Brazil, and having three children, and the second the Duke of Alençon, born 1844, and married to a Bavarian princess (who was burned in the Paris bazaar fire in 1897), and having two children.

By the death of the Count of Chambord, in 1883, the elder line of the Bourbons of France became extinct, and the right of succession merged in the Count of Paris, grandson of King Louis Philippe, representative of the younger, or Orleans line.



The British Empire.

THE UNITED KINGDOM.

| COUNTRIES.     | Area in Square Miles. | How Acquired by England. | Date. | Population. |
|----------------|-----------------------|--------------------------|-------|-------------|
| England .....  | 50,839                |                          |       |             |
| Wales .....    | 7,470                 | Conquest .....           | 1282  | 32,526,075  |
| Scotland ..... | 29,785                | Union .....              | 1603  | 4,472,103   |
| Ireland .....  | 32,583                | Conquest .....           | 1172  | 4,456,546   |
| Islands .....  | 302                   |                          |       | 150,599     |
| Total .....    | 120,979               |                          |       | 41,605,323  |

COLONIES AND DEPENDENCIES.

|                                       |           |                                   |             |             |
|---------------------------------------|-----------|-----------------------------------|-------------|-------------|
| <b>EUROPE:</b>                        |           |                                   |             |             |
| Gibraltar .....                       | 2         | Conquest .....                    | 1704        | 26,203      |
| Malta, etc. ....                      | 122       | Treaty cession .....              | 1814        | 177,745     |
| <b>ASIA:</b>                          |           |                                   |             |             |
| India (including Burmah) .....        | 1,800,258 | { Conquest .....                  | Beginn 1757 | 294,266,701 |
| Ceylon .....                          | 25,365    | { Transfer from E. India Co. .... | 1858        |             |
| Cyprus .....                          | 3,584     | Treaty cession .....              | 1801        | 3,008,239   |
| Aden and Socotra .....                | 3,070     | Convention with Turkey .....      | 1878        | 187,000     |
| Straits Settlements .....             | 1,500     | (Aden) conquest .....             | 1839        | 44,000      |
| Hong Kong .....                       | 304       | Treaty cession .....              | 1785-1824   | 506,577     |
| Labuan .....                          | 31        | Treaty cession .....              | 1841        | 221,441     |
| British North Borneo .....            | 31,000    | Treaty cession .....              | 1846        | 5,853       |
|                                       |           | Cession to Company .....          | 1877        | 150,000     |
| <b>AFRICA:</b>                        |           |                                   |             |             |
| Cape Colony .....                     | 276,800   | Treaty cession .....              | 1588, 1814  | 1,766,100   |
| Natal and Zululand .....              | 34,700    | Annexation .....                  | 1843        | 828,500     |
| St. Helena .....                      | 47        | Conquest .....                    | 1673        | 4,116       |
| Ascension .....                       | 38        | Annexation .....                  | 1815        | 200         |
| Sierra Leone .....                    | 15,000    | Settlement .....                  | 1787        | 300,000     |
| British Guinea, Gold Coast, etc. .... | 339,900   | Treaty cession .....              | 1872        | 23,455,000  |
| Mauritius, etc. ....                  | 1,063     | Conquest and cession .....        | 1810, 1814  | 392,500     |
| British South and East Africa .....   | 1,989,247 | Conquest and cession .....        | 1870-1890   | 14,911,000  |
| Transvaal .....                       | 119,139   | Conquest .....                    | 1900        | 1,091,156   |
| Orange River Colony .....             | 48,326    | Conquest .....                    | 1900        | 207,503     |
| <b>AMERICA:</b>                       |           |                                   |             |             |
| Canada Proper .....                   | 370,488   | Conquest .....                    | 1759-60     |             |
| New Brunswick .....                   | 28,200    | Treaty cession .....              | 1763        |             |
| Nova Scotia .....                     | 20,907    | Conquest .....                    | 1627        |             |
| Manitoba .....                        | 73,956    | Settlement .....                  | 1813        | 5,338,883   |
| British Columbia, etc. ....           | 383,300   | Transfer to Crown .....           | 1858        |             |
| Northwest Territories .....           | 3,257,500 | Charter to Company .....          | 1670        |             |
| Prince Edward Island .....            | 2,133     | Conquest .....                    | 1745        |             |
| Newfoundland .....                    | 42,200    | Treaty cession .....              | 1713        | 198,000     |
| British Guiana .....                  | 76,000    | Conquest and cession .....        | 1803-1814   | 282,000     |
| British Honduras .....                | 7,562     | Conquest .....                    | 1798        | 28,000      |
| Jamaica .....                         | 4,193     | Conquest .....                    | 1655        | 581,000     |
| Trinidad and Tobago .....             | 1,754     | Conquest .....                    | 1797        | 205,000     |
| Barbados .....                        | 166       | Settlement .....                  | 1605        | 172,000     |
| Bahamas .....                         | 5,794     | Settlement .....                  | 1629        | 48,000      |
| Bermuda .....                         | 41        | Settlement .....                  | 1612        | 16,000      |
| Other Islands .....                   | 8,742     |                                   |             | 255,000     |
| <b>AUSTRALASIA:</b>                   |           |                                   |             |             |
| New South Wales .....                 | 310,700   | Settlement .....                  | 1788        | 1,362,232   |
| Victoria .....                        | 87,884    | Settlement .....                  | 1832        | 1,195,874   |
| South Australia .....                 | 903,690   | Settlement .....                  | 1836        | 362,595     |
| Queensland .....                      | 668,497   | Settlement .....                  | 1824        | 502,892     |
| Western Australia .....               | 975,876   | Settlement .....                  | 1828        | 182,553     |
| Tasmania .....                        | 26,215    | Settlement .....                  | 1803        | 171,066     |
| New Zealand .....                     | 104,032   | Purchase .....                    | 1845        | 743,214     |
| Fiji .....                            | 7,423     | Cession from the natives .....    | 1874        | 121,798     |
| New Guinea (British) .....            | 88,460    | Annexation .....                  | 1884        | 350,000     |

Estimates of area and present population are by Whitaker, and in some cases by the "Statesman's Year-Book," except for British Africa and the late accessions there, which are corrected by Ravenstein's figures. The entire population of the empire, according to the estimates of the "Statesman's Year-Book," is 396,105,693, and the total area, 11,157,213. To this should be added the recent conquests in South Africa. (See Transvaal and Orange River Colonies above.) The East Indian possessions extend over a territory larger than the continent of Europe without Russia; but the North American possessions are greater still, and, inclusive of Hudson's Bay and the great lakes, have a larger area than the whole of Europe. British Africa and Australasia are the next possessions in size.

POPULATION OF THE UNITED KINGDOM BY SUCCESSIVE CENSUSES.

|                | 1831.      | 1841.      | 1851.      | 1861.      | 1871.      | 1881.      | 1891.      | 1901.      |
|----------------|------------|------------|------------|------------|------------|------------|------------|------------|
| England .....  | 13,090,523 | 15,002,443 | 16,921,888 | 18,954,444 | 21,495,131 | 24,613,926 | 27,499,984 | 32,526,075 |
| Wales .....    | 806,274    | 911,705    | 1,005,731  | 1,111,780  | 1,217,135  | 1,390,513  | 1,501,034  | 1,605,000  |
| Scotland ..... | 2,364,336  | 2,620,184  | 2,888,742  | 3,062,294  | 3,360,018  | 3,735,573  | 4,033,103  | 4,472,103  |
| Ireland .....  | 7,767,401  | 8,196,597  | 6,574,278  | 5,798,967  | 5,412,377  | 5,174,836  | 4,706,448  | 4,456,546  |
| Total .....    | 24,028,584 | 26,730,929 | 27,390,629 | 28,927,485 | 31,484,661 | 34,884,848 | 37,888,439 | 41,605,323 |

\* Including 147,870 inhabitants of islands in the United Kingdom. † Including 150,599 in islands.

## The British Royal Family.

DECEMBER 1, 1902.

EDWARD VII. "by the grace of God of the United Kingdom of Great Britain and Ireland and of the British Dominions Beyond the Sea King, Defender of the Faith and Emperor of India," was born November 9, 1841, and succeeded his mother January 22, 1901. He was married to the Princess Alexandra of Denmark (born December 1, 1844) March 10, 1863. In the following table their children and grandchildren are enumerated: [Children in SMALL CAPS. Their children follow.]

| NAME.                                 | Born | Died. | Married.                           | Date. |
|---------------------------------------|------|-------|------------------------------------|-------|
| 1. ALBERT VICTOR, DUKE OF CLARENCE.   | 1864 | 1892  |                                    |       |
| 2. GEORGE FREDERICK, PRINCE OF WALES. | 1865 | ..... | Princess Victoria May of Teck..... | 1893  |
| Edward Albert.....                    | 1894 | ..... |                                    |       |
| Albert Frederick.....                 | 1895 | ..... |                                    |       |
| Victoria Alexandra.....               | 1897 | ..... |                                    |       |
| Henry.....                            | 1900 | ..... |                                    |       |
| 3. LOUISE VICTORIA, DUCHESS OF FIFE.  | 1867 | ..... | Duke of Fife.....                  | 1889  |
| Alexandra.....                        | 1891 | ..... |                                    |       |
| Maud.....                             | 1893 | ..... |                                    |       |
| 4. VICTORIA ALEXANDRA                 | 1868 | ..... |                                    |       |
| 5. MAUD, PRINCESS CHARLES OF DENMARK. | 1869 | ..... | Prince Charles of Denmark.....     | 1896  |
| 6. ALEXANDER                          | 1871 | 1871  |                                    |       |

## OTHER DESCENDANTS OF THE LATE QUEEN VICTORIA.\*

|                                                                                               |      |       |                                                                                 |      |
|-----------------------------------------------------------------------------------------------|------|-------|---------------------------------------------------------------------------------|------|
| 1. VICTORIA ADELAIDE, PRINCESS ROYAL.                                                         | 1840 | 1901  | Crown Prince of Prussia (succ. as German Emperor, March, 1888. Died June, 1888) | 1858 |
| Frederick William (succ. as German Emperor, June, 1888). ( <i>Issue</i> , 6 sons, 1 daughter) | 1859 | ..... | Princess Augusta of Schleswig-Holstein..                                        | 1881 |
| Charlotte. ( <i>Issue</i> , 1 daughter)                                                       | 1860 | ..... | Prince of Saxe-Meiningen.....                                                   | 1878 |
| Henry. ( <i>Issue</i> , 3 sons)                                                               | 1862 | ..... | Princess Irene of Hesse.....                                                    | 1888 |
| Sigismund.....                                                                                | 1864 | 1866  |                                                                                 |      |
| Victoria.....                                                                                 | 1866 | ..... | Prince Adolphus of Schaumburg-Lippe ..                                          | 1890 |
| Jochim.....                                                                                   | 1868 | 1879  |                                                                                 |      |
| Sophia Dorothea ( <i>Issue</i> , 2 sons, 1 dau.)                                              | 1870 | ..... | Duke of Sparta, son of King of the Greeks.                                      | 1889 |
| Margaret. ( <i>Issue</i> , 5 sons)                                                            | 1872 | ..... | Prince Frederick Charles of Hesse.....                                          | 1893 |
| 3. ALICE MAUD MARY, GRAND DUCHESS OF HESSE.                                                   | 1843 | 1878  | Louis IV., Grand Duke of Hesse (died March 13, 1892).....                       | 1862 |
| Victoria Alberta. ( <i>Issue</i> , 2 sons, 2 daughters)                                       | 1863 | ..... | Prince Louis of Battenberg.....                                                 | 1884 |
| Elizabeth.....                                                                                | 1864 | ..... | Grand Duke Sergius of Russia.....                                               | 1884 |
| Irene Marie. ( <i>Issue</i> , 3 sons)                                                         | 1866 | ..... | Prince Henry of Prussia.....                                                    | 1888 |
| Ernest Louis, Grand Duke of Hesse. ( <i>Issue</i> , 1 son, 1 daughter)                        | 1868 | ..... | Princess Victoria of Saxe-Coburg-Gotha.                                         | 1894 |
| Frederick William.....                                                                        | 1870 | 1873  |                                                                                 |      |
| Victoria Alice. ( <i>Issue</i> , 4 daughters)                                                 | 1872 | ..... | Emperor Nicholas II. of Russia.....                                             | 1894 |
| Mary Victoria.....                                                                            | 1874 | 1878  |                                                                                 |      |
| 4. ALFRED, DUKE OF SAXE-COBURG-GOTHA, DUKE OF EDINBURGH.                                      | 1844 | 1900  | Grand Duchess Marie, daughter of Alexander II., Emperor of Russia.....          | 1874 |
| Alfred Alexander.....                                                                         | 1874 | 1899  |                                                                                 |      |
| Marie Alexandra Victoria. ( <i>Issue</i> , 1 son, 2 daughters)                                | 1875 | ..... | Ferdinand, Crown Prince of Roumania...                                          | 1893 |
| Victoria Melita. ( <i>Issue</i> , 1 son, 1 dau.)                                              | 1876 | ..... | Ernest Louis, Grand Duke of Hesse.....                                          | 1894 |
| Alexandra Louise. ( <i>Issue</i> , 1 son, 1 daughter).                                        | 1878 | ..... | Hereditary Prince of Hohenzollern-Langenberg.                                   | 1896 |
| Beatrice.....                                                                                 | 1884 | ..... |                                                                                 |      |
| 5. HELENA, PRINCESS CHRISTIAN.                                                                | 1846 | ..... | Prince Frederick Christian of Schleswig-Holstein.....                           | 1866 |
| Christian Victor.....                                                                         | 1867 | 1900  |                                                                                 |      |
| Albert John.....                                                                              | 1869 | ..... |                                                                                 |      |
| Victoria Louise.....                                                                          | 1870 | ..... | Prince Aribert of Anhalt-Déssau.....                                            | 1891 |
| Louise Augusta.....                                                                           | 1872 | ..... |                                                                                 |      |
| Harold.....                                                                                   | 1876 | 1876  |                                                                                 |      |
| 6. LOUISE, DUCHESS OF ARGYLL.                                                                 | 1848 | ..... | Marquis of Lorne.....                                                           | 1871 |
| 7. ARTHUR, DUKE OF CONNAUGHT.                                                                 | 1850 | ..... | Princess Louise of Prussia.....                                                 | 1879 |
| Margaret.....                                                                                 | 1882 | ..... |                                                                                 |      |
| Arthur Patrick.....                                                                           | 1883 | ..... |                                                                                 |      |
| Victoria Patricia.....                                                                        | 1886 | ..... |                                                                                 |      |
| 8. LEOPOLD, DUKE OF ALBANY.                                                                   | 1853 | 1884  | Princess Helena of Waldeck-Pyrmont....                                          | 1882 |
| Alice Mary.....                                                                               | 1883 | ..... |                                                                                 |      |
| Leopold, 2d Duke of Albany, Duke of Saxe-Coburg-Gotha ( <i>posthumous</i> )....               | 1884 | ..... |                                                                                 |      |
| 9. BEATRICE MARY VICTORIA FEODORE.                                                            | 1857 | ..... | Prince Henry of Battenberg (died 1896).                                         | 1885 |
| Albert Alexander.....                                                                         | 1886 | ..... |                                                                                 |      |
| Victoria Eugénie Julia Ena.....                                                               | 1887 | ..... |                                                                                 |      |
| Leopold Arthur Louis.....                                                                     | 1889 | ..... |                                                                                 |      |
| Maurice Victor Donald.....                                                                    | 1891 | ..... |                                                                                 |      |

First cousins of the late Queen Victoria in the paternal line were the Duke of Cambridge, born 1819; Augusta, Duchess of Mecklenburg-Strelitz, born 1822, and Mary Adelaide, Duchess of Teck, born 1822, died 1897. A second cousin of the Queen in the paternal line was the Duke of Cumberland, born 1845. There are numerous descendants of these relatives. The Queen also had a large number of cousins through her mother, the Duchess of Kent. Whitaker's Peerage has a list of 234 living blood relatives of the late Queen. \* [Children in SMALL CAPS. Their children follow.]

The British Government.

THE MINISTRY.

JANUARY 1, 1903.

THE PRESENT CONSERVATIVE MINISTRY.

Arthur J. Balfour..... }  
 Marquis of Lansdowne..... }  
 Earl of Halsbury..... }  
 Duke of Devonshire..... }  
 Charles Thompson Ritchie..... }  
 Aretas Akers Douglas..... }  
 Joseph Chamberlain..... }  
 William St. John F. Brodrick..... }  
 Lord George Francis Hamilton..... }  
 Lord Balfour of Burleigh..... }  
 Earl of Selborne..... }  
 Gerald William Balfour..... }  
 Walter Hume Long..... }  
 Sir W. H. Walrod..... }  
 Austen Chamberlain..... }  
 George Wyndham..... }  
 Lord Ashbourne..... }  
 Robert William Hanbury..... }  
 Marquis of Londonderry..... }

*Prime Minister,*  
*First Lord of the Treasury,*  
*Lord Privy Seal,*  
*Foreign Secretary,*  
*Lord High Chancellor,*  
*President of the Council,*  
*Chancellor of the Exchequer,*  
*Home Secretary,*  
*Colonial Secretary,*  
*Secretary for War,*  
*Secretary for India,*  
*Secretary for Scotland,*  
*Lord Privy Seal,*  
*First Lord of the Admiralty,*  
*President Board of Trade,*  
*Pres. Local Government Board,*  
*Chancellor Duchy Lancaster,*  
*Postmaster-General,*  
*Chief Secretary for Ireland,*  
*Lord Chancellor for Ireland,*  
*President Board of Agriculture,*  
*First Commissioners of Works,*  
*President of Board of Education.*  
 \* Not in the Cabinet.

THE LATE LIBERAL MINISTRY.

} Earl of Rosebery.  
 Earl of Kimberley.  
 Lord Herschell.  
 Earl of Rosebery.  
 Sir William Vernon-Harcourt.  
 Herbert Henry Asquith, q. c.  
 Marquis of Ripon.  
 Sir Henry Campbell-Bannerman.  
 Sir Henry Hartley Fowler.  
 Sir George O. Trevelyan, Bart.  
 Lord Tweedmouth.  
 Earl Spencer.  
 James Bryce.  
 George John Shaw-Lefevre.  
 Lord Tweedmouth.  
 Arnold Morley.  
 John Morley.  
 Samuel Walker.\*  
 Herbert Colstoun Gardner.\*  
 Herbert John Gladstone.\*

Henry Torrens Anstruther..... }  
 Hon. Allwyn Fellowes..... }  
 H. W. Forster..... }  
 Sir A. Acland Hood..... }  
 W. Hayes Fisher..... }  
 Duke of Marlborough..... }  
 Hon. T. H. A. E. Cochrane..... }  
 Viscount Cranbourne..... }  
 Earl of Onslow..... }  
 Earl Percy..... }  
 Earl of Hardwick..... }  
 Sir Robert B. Finlay, k. c..... }  
 Sir Edward Carson, k. c..... }

*Lords Commissioners of the Treasury.*  
*Joint Secs. Treasury.*  
*Paymaster-General.*  
*Political Secretary Home Office.*  
*Political Secretary Foreign Office.*  
*Political Secretary Colonial Office.*  
*Political Secretary India Office.*  
*Political Secretary War Office.*  
*Attorney-General.*  
*Solicitor-General.*

(Ronald C. Munro-Ferguson.  
 Richard Knight Causton.  
 William Alex. McArthur.  
 Charles Seale-Hayne.  
 Geo. W. Erskine Russell.  
 Sir Edward Grey, Bart.  
 Sydney Charles Buxton.  
 Lord Reay.  
 Lord Sandhurst.  
 Sir Robert Threshie Reid, q. c.  
 Sir Frank Lockwood, q. c.

Earl of Pembroke..... }  
 Earl of Clarendon..... }  
 Duke of Portland..... }  
 Lord Chesham..... }

**HOUSEHOLD OFFICIALS.**  
*Lord Steward.*  
*Lord Chamberlain.*  
*Master of the Horse.*  
*Master of the Buckhounds.*

Marquis of Breadalbane.  
 Lord Carrington.  
 Earl of Cork and Orrery.  
 Lord Ribblesdale.

Lord Balfour of Burleigh..... }  
 Lord Kinross..... }  
 Andrew Graham Murray, k. c..... }  
 Earl of Leven and Melville..... }  
 Lord Kingsburgh (Macdonald)..... }  
 Duke of Montrose..... }  
 Charles Scott Dickson, k. c..... }

**SCOTLAND.**  
*Secretary and Keeper of Great Seal.*  
*Lord Justice-General.*  
*Lord Advocate.*  
*Keeper of the Privy Seal.*  
*Lord Justice Clerk.*  
*Lord Clerk Register.*  
*Solicitor-General.*

Sir Geo. Otto Trevelyan, Bart.  
 Lord Robertson.  
 John Blair Balfour, q. c.  
 Marquis of Lothian.  
 Lord Kingsburgh.  
 Duke of Montrose.  
 Thomas Shaw, q. c.

Earl Dudley (not in the Cabinet) }  
 George Wyndham (in the Cabinet) }  
 Sir Antony Patrick MacDonnell, }  
 k. c. s. i..... }  
 Lord Ashbourne..... }  
 John Atkinson, k. c..... }

**IRELAND.**  
*Lord-Lieutenant.*  
*Chief Secretary.*  
*Under-Secretary.*  
*Lord Chancellor.*  
*Attorney-General.*

Lord Houghton (Earl of Crewe).  
 John Morley.  
 Sir David Harrel, c. B.  
 Samuel Walker.  
 The MacDermot, q. c.

COURTS OF LAW.

HOUSE OF LORDS—*Lord High Chancellor*, Earl of Halsbury, and such peers of Parliament as are holding or have held high judicial office.  
 LORDS OF APPEAL IN ORDINARY—Lords Macnaghten, Davey, Robertson, and Lindley.  
 COURT OF APPEALS—*Ex-Officio Judges*, The Lord High Chancellor, the Lord Chief Justice of England, the Master of the Rolls, and the President of the Probate, Divorce, and Admiralty Division. *Master of the Rolls*, Sir Richard Henn Collins. *Lords Justices*, Sir Roland Vaughn Williams, Sir Robert Romer, Sir James Stirling, Sir James Charles Mathew, Sir Herbert Hardy Cozens-Hardy.  
 HIGH COURT OF JUSTICE, CHANCERY DIVISION—*President*, The Lord High Chancellor. *Justices*, Sir Arthur Kekewich, Sir Edmund W. Byrne, Sir George Farwell, Sir H. Burton Buckley, Sir Matthew Ingle Joyce, Sir C. Swinfen Eady.  
 HIGH COURT OF JUSTICE, KING'S BENCH DIVISION—*Lord Chief Justice of England*, Lord Alverstone. *Justices*, Sir Alfred Wills, Sir William Grantham, Sir John Compton Lawrance, Sir Robert Samuel Wright, Sir Gainsford Bruce, Sir William Rann Kennedy, Sir Edward Ridley, Sir John C. Bigham, Sir Charles John Darling, Sir Arthur M. Channel, Sir Walter Phillimore, Bart., Sir Thomas T. Bucknill, Sir Joseph Walton, Sir Arthur Richard Telf.  
 HIGH COURT OF JUSTICE, PROBATE, DIVORCE, AND ADMIRALTY DIVISION—*President*, Sir Francis Henry Jeune, k. c. B. *Justices*, Sir John Gorell Barnes.  
 COURT OF ARCHES—*Judge*, Sir Arthur Charles.  
 BANKRUPTCY COURT—*Judge*, Sir R. S. Wright. *Registrars*, J. R. Brougham, H. S. Giffard, John E. Linklater, Herbert J. Hope, Henry J. Hood.

This and the following pages of information about the British Empire have been revised for THE WORLD ALMANAC for 1903 by the editor of Whitaker's Almanack, Loudon.

## THE BRITISH GOVERNMENT—Continued.

## ARMY.

*Commander-in-Chief*. . . . . Field-Marshal Earl Roberts, V. C., K. G.  
*Military Secretary*—Major-Gen. Sir Ian Hamilton, K. C. B.  
*Adjutant-General*—Lieut.-Gen. T. Kelly Kenny, C. C. B.  
*Quartermaster-General*—Lieut.-Gen. Sir Charles Mansfield Clark, Bart., G. C. B.  
*Director-General of Ordnance*—Gen. Sir H. Brackenbury, G. C. B.  
*Director-General of Mobilization and Military Intelligence*—Major-Gen. Sir W. G. Nicholson, K. C. B.

## FIELD MARSHALS.

H. R. H. Duke of Cambridge, Hon. Colonel-in-Chief of the Forces.  
 Sir John Lintorn Arabin Simmons, Colonel Commandant Royal Engineers.  
 Sir Frederick Paul Haines, Royal Scots Fusiliers.  
 Viscount Wolsley, Colonel Royal Horse Guards.

Earl Roberts, V. C., Colonel Irish Guards, Commander-in-Chief.  
 H. H. Prince Edward of Saxe-Weimar, Colonel 1st Life Guards.  
 H. M. German Emperor, Col. 1st (Royal) Drag.  
 Sir H. W. Norman, Ind. St. ff Corps, Gov. Chelsea Hos.  
 H. R. H. Duke of Connaught, Commanding 3d Army Corps.

## GENERALS—ACTIVE LIST.

H. R. H. Duke of Cumberland.  
 Godfrey Clerk, C. B.  
 Sir Arthur P. Palmer, K. C. B.  
 Cuthbert C. Suther.  
 Sir George Corrie Bird, K. C. I. E.  
 Sir Robert Cunliffe Low, G. C. B.  
 Sir George Stewart White, V. C.  
 Sir H. Brackenbury, G. C. B.

H. M. Evans, C. B.  
 G. H. T. Colwell, C. B.  
 E. L. Rose.  
 Viscount Kitchener of Khar-toum, G. C. B.  
 H. R. H. Prince of Wales, K. G.  
 Sir F. W. Forestier-Walker.

## NAVY.

**LORDS COMMISSIONERS OF THE ADMIRALTY.**—*First Lord*, Rt. Hon. Earl of Selborne; *Senior Naval Lord*, Admiral Lord Walter Talbot Kerr; *Second Naval Lord*, Admiral Sir John Fisher, G. C. B.; *Third Naval Lord and Controller*, Rear-Admiral William Henry May, M. V. O.; *Junior Naval Lord*, Rear-Admiral John Durnford, C. B., D. S. O.; *Civil Lord*, Ernest George Pretymann.

**ADMIRALS OF THE FLEET.**—Hon. Sir Henry Keppel, Sir Algernon McLennan Lyons, Sir F. W. Richards, Sir Nowell Salmon, V. C. *Honorary Admiral of the Fleet*.—H. I. M. William II., German Emperor.

**ADMIRALS.**—Sir James Elphinstone Erskine, Sir Chas. F. Hotham, Lord Chas. T. Montagu-Douglas-Scott, Sir Robert H. More-Molyneux, Sir Nathaniel Bowden-Smith, Lord Walter Talbot Kerr, Sir Edward Hobart Seymour, Sir John Arbuthnot Fisher, G. C. B., Sir Henry F. Stephenson, K. C. B., Sir Compton E. Domville, K. C. B., Sir F. G. D. Bedford, G. C. B.

**VICE-ADMIRALS.**—Albert Hastings Markham, Alfred Taylor Dale, Claude Edward Buckle, Sir Harry Rawson, Sir Cyprian A. G. Bridge, Edmund C. Drummond, Ernest Rice, Charles Lister Oxley, Sir Robert Hastings Harris, Hugo Lewis Pearson, John Fellows, Charles Cooper Penrose Fitzgerald, Sir Arthur Knivet Wilson, V. C., Sir Archibald Lucius Douglas, Sir Gerard Henry Uctred Noel, John William Brackenbury, Sir Thomas Sturges Jackson, Arthur Dalrymple Fanshawe, Day Host Bosanquet, Sir Lewis Anthony Beaumont, Rt. Hon. Lord Chas. W. B. Beresford.

## FLAG-OFFICERS IN COMMISSION.

Nore, *Vice-Adm.* Albert Hastings Markham.  
 Portsmouth, *Adm.* Sir Charles F. Hotham.  
 Plymouth, *Adm.* Lord Charles T. Montagu-Douglas-Scott.  
 Queenstown, Ireland, *Rear-Adm.* Ed. F. Jeffreys.  
 Channel Squadron, *Vice-Adm.* Sir Arthur K. Wilson, V. C.; *Rear-Adm.* Hon. Assheton G. Curzon Howe (2nd).  
 Mediterranean, *Adm.* Sir Compton E. Domville; *Rear-Adm.* C. N. Custance (2nd); *Rear-Adm.* Sir Baldwin W. Walker, Bart.

N. Am. and W. Indies, *Vice-Adm.* Sir Archibald L. Douglas; *Comm.* D. M'N. Riddell, *Jamaica*.  
 Pacific, *Rear-Adm.* A. K. Bickford.  
 China, *Vice-Adm.* Sir Cyprian A. G. Bridge; *Rear-Adm.* Harry T. Grenfell (2nd); *Comm.* Charles G. Robinson, *Hong Kong*.  
 East Indies, *Rear-Adm.* Charles C. Drury.  
 Australia, *Rear-Adm.* Sir L. A. Beaumont.  
 Cape and W. Africa, *Rear-Adm.* Arthur W. Moore.  
 S. E. Coast America, *Comm.* Frank Finnis, *Comm.* Commanding.  
 Cruiser Squadron, *Rear-Adm.* Wilmot H. Fawkes.

## THE ESTABLISHED CHURCH OF ENGLAND.

## ENGLISH ARCHBISHOPS.

*Trans.*  
 1896. *Canterbury*, Frederick Temple, b. 1821.

*Trans.*  
 1891. *York*, William Dalrymple Maclagan, b. 1826.

## ENGLISH BISHOPS.

*App.*  
 1901. *London*, Arthur Foley W. Ingram, b. 1858.  
 1901. *Durham*, Handley Carr Glyn Moule, D. D., b. 1841.  
 1895. *Winchester*, Randall T. Davidson, b. 1848.  
 1890. *Bangor*, Daniel Lewis Lloyd, b. 1844.  
 1894. *Bath and Wells*, G. W. Kennion, b. 1846.  
 1897. *Bristol*, George Forrest Browne, b. 1833.  
 1892. *Carlisle*, John Wareing Bardsley, b. 1835.  
 1888. *Chester*, Francis John Jayne, b. 1845.  
 1895. *Chichester*, Ernest R. Wilberforce, b. 1840.  
 1885. *Ely*, Lord Alwyne Compton, b. 1825.  
 1900. *Exeter*, Herbert Edward Ryle, D. D., b. 1856.  
 1863. *Gloucester*, Charles John Ellicott, b. 1819.  
 1895. *Hereford*, John Percival, b. 1835.  
 1885. *Lincoln*, Edward King, b. 1829.  
 1891. *Lichfield*, Hon. Augustus Legge, b. 1839.  
 1901. *Liverpool*, Francis James Chavasse, b. 1846.

*App.*  
 1883. *Llandaff*, Richard Lewis, b. 1821.  
 1886. *Manchester*, James Moorhouse, b. 1826.  
 1895. *Newcastle*, Edgar Jacob, b. 1845.  
 1893. *Norwich*, John Sheephanks, b. 1834.  
 1901. *Oxford*, Francis Paget, D. D., b. 1851.  
 1896. *Peterborough*, Hon. Edw. Carr Glyn, b. 1843.  
 1884. *Ripon*, William Boyd Carpenter, b. 1841.  
 1895. *Rochester*, Edward Stuart Talbot, b. 1844.  
 1890. *St. Albans*, John Wogan Festing, b. 1835.  
 1889. *St. Asaph*, Alfred George Edwards, b. 1848.  
 1897. *St. David's*, John Owen, b. 1853.  
 1885. *Salisbury*, John Wordsworth, b. 1843.  
 1892. *Sodor and Man*, Norman D. J. Stratton, b. 1840.  
 1884. *Southwell*, George Ridding, b. 1828.  
 1891. *Truro*, John Gott, b. 1846.  
 1897. *Wakefield*, George Rodney Eden, b. 1853.  
 1901. *Worcester*, Charles Gore, b. 1853.

THE BRITISH GOVERNMENT—Continued.

DIPLOMATIC INTERCOURSE.

| COUNTRIES.         | British Representatives Abroad.               | Foreign Representatives in England.  |
|--------------------|-----------------------------------------------|--------------------------------------|
| Argentine Republic | William H. Doveton Haggard.....               | Don F. L. Dominguez.                 |
| Austria-Hungary    | Rt. Hon. Sir Francis R. Plunkett, G. C. M. G. | Count Franz Deym.                    |
| Belgium            | Sir Edmund C. H. Phipps, K. C. M. G.          | Baron Whetttnall.                    |
| Brazil             | Sir Henry Nevill Dering, Bart., C. B.         | Joaquin A. Nabuco de Aranjó.         |
| Chile              | Audley C. Gosling                             | Domingo Gana.                        |
| China              | Sir Ernest Mason Satow, G. C. M. G.           | Sir Chichen Lo Fêng Luh, K. C. V. O. |
| Denmark            | Sir William Edward Goschen, K. C. M. G.       | M. F. E. de Belle.                   |
| Ecuador            | William Nelthorpe Beauclerk                   | Don Celso Nevaras.                   |
| Egypt              | Rt. Hon. Earl of Cromer, G. C. B.             |                                      |
| France             | Rt. Hon. Sir Edmund J. Monson, G. C. B.       | M. Paul Cambon.                      |
| German Empire      | Rt. Hon. Sir Frank C. Lascelles, G. C. B.     | Graf von Hatzfeldt-Wildenburg.       |
| Greece             | Sir Edwin Henry Egerton, G. C. M. G.          | M. Metaxas.                          |
| Guatemala          | Edward Thornton                               | Señor Machado.                       |
| Italy              | Rt. Hon. Lord Currie, G. C. B.                | Signor A. Pansa.                     |
| Japan              | Sir Claude M. Macdonald, G. C. M. G.          | Baron Tadous Hayashi.                |
| Mexico             | George Greville, C. M. G.                     | Sebastian B. de Mier.                |
| Morocco            | Sir Arthur Nicolson, Bart., K. C. I. E.       |                                      |
| Netherlands        | Sir Henry Howard, K. C. B.                    | Baron Gericke van Herwynen.          |
| Persia             | Sir Arthur Henry Hardinge, K. C. M. G.        | General Mirza Mohamed Ali Khan.      |
| Peru               | William Nelthorpe Beauclerk                   | Don Carlos G. Candamo.               |
| Portugal           | Sir M. le M. Hadsley Gosselin, K. C. M. G.    | Marquis de Soveral, G. C. M. G.      |
| Russia             | Rt. Hon. Sir C. S. Scott, G. C. B.            | M. Georges de Staal.                 |
| Servia             | Sir George Francis Bonham, Bart.              | M. S. M. Losanitch.                  |
| Siam               | Reginald Thomas Tower                         | Phya Prasidhi Salakar.               |
| Spain              | Rt. Hon. Sir Henry Mort, Durand, G. C. M. G.  | Duke de Mandas.                      |
| Sweden and Norway  | Hon. Sir W. A. C. Barrington, K. C. M. G.     | Count Carl Lewenhaupt.               |
| Switzerland        | Sir Wm. Conyngham Greene, K. C. B.            | M. Charles Daniel Bourcart.          |
| Turkey             | Rt. Hon. Sir Nicolas R. O'Connor, G. C. B.    | Costaki Pacha Anthropolous.          |
| United States      | Hon. Sir Michael Herbert, K.                  | Joseph H. Choate.                    |
| Uruguay            | Walter Baring                                 |                                      |

GOVERNMENT OF INDIA.

|                                                                                                                                                                                                                                                                                                                                                     |                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| <i>Viceroy and Governor-General</i> .....                                                                                                                                                                                                                                                                                                           | The Rt. Hon. Lord Curzon of Kedleston, G. M. S. I., G. M. I. E.                  |
| <i>Governor of Madras</i> .....                                                                                                                                                                                                                                                                                                                     | Lord Amphilh.                                                                    |
| <i>Governor of Bombay</i> .....                                                                                                                                                                                                                                                                                                                     | Lord Northcote.                                                                  |
| <i>Lieutenant-Governor of Bengal</i> .....                                                                                                                                                                                                                                                                                                          | Hon. Sir John Woodburn, K. C. S. I.                                              |
| SECRETARIES TO THE GOVERNMENT OF INDIA.                                                                                                                                                                                                                                                                                                             | MILITARY ESTABLISHMENT.                                                          |
| HOME.—John Prescott Hewett, C. I. E.                                                                                                                                                                                                                                                                                                                | COMMANDER-IN-CHIEF IN INDIA.—H. E. Gen. Viscount Kitchener of Khartoum, G. C. B. |
| REVENUE AND AGRICULTURE.—Joseph B. Fuller, C. I. E.                                                                                                                                                                                                                                                                                                 | <i>Adjutant-General</i> , Major-Gen. H. L. Smith-Dorrien, D. S. O.               |
| FINANCE AND COMMERCE.—James Fairbairn Finlay, C. S. I.                                                                                                                                                                                                                                                                                              | <i>Quartermaster-General</i> , Major-Gen. G. Henry.                              |
| FOREIGN.—(Vacant.)                                                                                                                                                                                                                                                                                                                                  |                                                                                  |
| MILITARY.—Col. E. de Brath.                                                                                                                                                                                                                                                                                                                         |                                                                                  |
| PUBLIC WORKS.—A. Brereton, Sir T. Higham, K. C. I. E.                                                                                                                                                                                                                                                                                               |                                                                                  |
| <i>Agents to Governor-General: Central India</i> , C. S. Bayley; <i>Rajputana</i> , A. H. T. Martindale; <i>Baluchistan</i> , Col. E. C. Yate, C. S. I.                                                                                                                                                                                             |                                                                                  |
| <i>Residents: Hyderabad</i> , Lieut.-Col. D. W. K. Barr, C. S. I.; <i>Mysore</i> , Lieut.-Col. Donald Robertson, C. S. I.; <i>Cashmere</i> , Lieut.-Col. Louis W. Dane; <i>Baroda</i> , Lieut.-Col. C. W. Ravenshaw; <i>Nepal</i> , Lieut.-Col. T. C. Pears; <i>Gwalior</i> , Lieut.-Col. J. H. Newill; <i>Indore</i> , Lieut.-Col. J. H. Jennings. |                                                                                  |

LIEUTENANT-GENERALS COMMANDING THE FORCES.

|                                                  |
|--------------------------------------------------|
| MADRAS.—Lieut.-Gen. Sir G. B. Wolseley, K. C. B. |
| BOMBAY.—Gen. Sir R. C. Low, G. C. B.             |
| BENGAL.—Lieut.-Gen. Sir George Luck, K. C. B.    |
| PUNJAB.—Lieut.-Gen. Sir Bindon Blood, K. C. B.   |

COLONIAL GOVERNORS.

|                                                          |                                                                |
|----------------------------------------------------------|----------------------------------------------------------------|
| Commonwealth of Australia.—Lord Tennyson, K. C. M. G.    | Bermudas.—Lt.-Gen. Sir H. LeGuay Geary, K. C. B.               |
| New South Wales.—Vice-Admiral Sir H. H. Rawson, K. C. B. | Trinidad.—Sir C. A. Moloney, K. C. M. G.                       |
| Victoria.—Col. Sir George Sydenham Clarke.               | British Guiana.—Sir F. A. Swettenham, K. C. M. G.              |
| South Australia.—Lord Tennyson, K. C. M. G.              | Hong Kong.—Sir Henry A. Blake, G. C. M. G.                     |
| Queensland.—Lord Lamington, G. C. M. G.                  | Ceylon.—Rt. Hon. Sir Joseph West Ridgeway.                     |
| West Australia.—(Vacant.)                                | Fiji.—Sir Henry M. Jackson, K. C. M. G.                        |
| Tasmania.—Sir Arthur Elibank Havelock, G. C. S. I.       | Sierra Leone.—Sir C. A. King-Harman, K. C. M. G.               |
| New Zealand.—The Earl of Ranfurly, K. C. M. G.           | Straits Settlements.—Sir F. Athelstane Swettenham, K. C. M. G. |
| South Africa.—Lord Milner, <i>High Commissioner</i> .    | Windward Islands.—Sir Robert B. Llewellyn.                     |
| Cape Colony.—Hon. Sir Walt. F. Hely-Hutchinson.          | Leeward Islands.—Sir G. B. Strickland, K. C. M. G.             |
| Natal.—Col. Sir Henry E. McCallum.                       | Falkland Islands.—William G. Wilson, C. M. G.                  |
| Orange River Colony.—Sir H. J. Goold-Adams, K. C. M. G.  | Mauritius.—Sir Charles Bruce, K. C. M. G.                      |
| Transvaal Colony.—Hon. Sir A. Lawley, K. C. M. G.        | Gold Coast Colony.—Maj. Sir M. Nathan, K. C. M. G.             |
| Malta.—Gen. Lord Grenfell, G. C. B.                      | British Honduras.—Col. Sir D. Wilson, K. C. M. G.              |
| Gibraltar.—Gen. Sir George S. White, V. C.               | Lagos (West Africa).—Sir W. MacGregor, K. C. M. G.             |
| Canada.—The Earl of Minto.                               | Gambia (West Africa).—Sir G. C. Denton, K. C. M. G.            |
| Newfoundland.—Sir Cavendish Boyle, K. C. M. G.           | Nigeria, Southern.—Sir R. D. R. Moor, K. C. M. G.              |
| Jamaica.—Sir A. W. L. Hemming, G. C. M. G.               | Nigeria, Northern.—Brig.-Gen. Sir F. D. Lugard, K. C. M. G.    |
| Barbados.—Sir F. M. Hodgson, K. C. M. G.                 | British East Africa.—Sir Charles N. E. Elliot, K. C. M. G.     |
| Bahamas.—Sir G. T. Carter, K. C. M. G.                   | Uganda.—Sir H. H. Johnston, K. C. B.                           |

## The British Parliament.

THE supreme legislative power of the British Empire is, by its constitution, vested in Parliament. This body consists of two houses, the Lords and the Commons.

## THE HOUSE OF LORDS.

The House of Lords is composed of the whole Peerage of England and of the United Kingdom, and of certain representatives of the peerages of Scotland and Ireland, but many members of these latter have also English titles, which give them seats in the House. The Duke of Buccleuch sits as Earl of Doncaster, and the Duke of Leinster as Viscount Leinster. Exclusive of 1 baron, whose claim is not established, the House at present consists of 6 Princes of the Blood, 2 Archbishops, 22 Dukes, 22 Marquises, 123 Earls, 31 Viscounts, 24 Bishops, 319 Barons, 16 Scottish Representative Peers elected for each Parliament, and 28 Irish Representative Peers elected for life (1 Scottish and 2 Irish Representative Peers are also included as Peers of England)—in all, 589 members.

The Lord Chancellor of England is always the Speaker of the House of Lords.

## A TABLE OF BRITISH DUKES.

| Created. | Title.                                    | Name.                                          | Born. | Succeeded | Heir to Title.                  |
|----------|-------------------------------------------|------------------------------------------------|-------|-----------|---------------------------------|
| 1868     | Abercorn*                                 | James Hamilton, 2nd Duke                       | 1838  | 1855      | Marq. of Hamilton, M. P., s.    |
| 1881     | Albany†                                   | H. R. H. Leopold, 2nd Duke (minor) (?)         | 1884  | 1884      | None.                           |
| 1701     | Argyll                                    | John Douglas Sutherland Campbell, 9th Duke (k) | 1845  | 1900      | Lord A. Campbell, b.            |
| 1703     | Atholl‡                                   | John J. H. H. Stewart-Murray, 7th Duke         | 1840  | 1864      | Marq. Tullibardine, s.          |
| 1682     | Beaufort                                  | H. A. W. Fitzroy Somerset, 9th Duke            | 1847  | 1899      | Marq. of Worcester, s.          |
| 1694     | Bedford                                   | Herbrand Arthur Russell, 11th Duke             | 1858  | 1893      | Marq. of Tavistock, s.          |
| 1673     | Buccleuch & (1684) Queensberry†           | Wm. H. W. Montagu-Douglas-Scott, 6th Duke (a)  | 1831  | 1884      | Earl of Dalkeith, s.            |
| 1801     | Cambridg†                                 | H. R. H. George William Frederick, 2nd Duke    | 1819  | 1850      | None.                           |
| 1874     | Connaught†                                | H. R. H. Arthur William Patrick, 1st Duke      | 1850  | ....      | Prince Arthur, s.               |
| 1337     | Cornwall & (1892) York†                   | H. R. H. George, Prince of Wales               | 1865  | ....      | Prince Edward, s.               |
| 1799     | Cumberland†                               | H. R. H. Ernest Augustus, 3rd Duke (b)         | 1845  | 1878      | Earl of Armagh, s.              |
| 1694     | Devonshire                                | Spencer C. Cavendish, 8th Duke                 | 1833  | 1891      | Victor Cavendish, n.            |
| 1889     | Fife                                      | Alex. William George Duff, 1st Duke (c)        | 1849  | ....      | Lady Alex. Duff, d.             |
| 1675     | Grafton                                   | Aug. Charles Lennox Fitzroy, 7th Duke (d)      | 1821  | 1882      | Marq. of Euston, s.             |
| 1643     | Hamilton† and Brandon                     | Alfred D. Douglas-Hamilton, 13th Duke          | 1862  | 1895      | Percy D. Hamilton, c.           |
| 1694     | Leeds                                     | George Godolphin Osborne, 10th Duke            | 1862  | 1895      | Marq. of Carmarthen, s.         |
| 1766     | Leinster*                                 | Maurice Fitzgerald, 6th Duke (minor)           | 1857  | 1893      | Lord D. Fitzgerald, b.          |
| 1719     | Manchester                                | William Augustus Drogo Montagu (e)             | 1877  | 1892      | Viscount Mandeville, s.         |
| 1792     | Marlborough                               | Chas. R. J. Spencer-Churchill, 9th Duke (f)    | 1871  | 1892      | Marq. of Blandford, s.          |
| 1707     | Montrose†                                 | Douglas B. M. R. Graham, 5th Duke              | 1852  | 1874      | Marq. of Graham, s.             |
| 1756     | Newcastle                                 | Henry P. A. Pelham-Clinton, 7th Duke           | 1864  | 1879      | Lord H. Pelham-Clinton-Hope, b. |
| 1438     | Norfolk                                   | Henry Fitzalan Howard, 15th Duke (g)           | 1847  | 1860      | Earl Arundel & S., s.           |
| 1766     | Northumberland                            | Henry George Percy, 7th Duke                   | 1846  | 1899      | Earl Percy, M. P., s.           |
| 1716     | Portland                                  | W. J. A. Cavendish-Bentinck, 6th Duke          | 1857  | 1879      | Marq. of Titchfield, s.         |
| 1675     | Richmond & (1876) Gordon & (1675) Lennox† | Charles H. Gordon-Lennox, 6th Duke (h)         | 1818  | 1860      | Earl of March, s.               |
| 1707     | Roxburgh†                                 | Henry John Innes-Ker, 8th Duke                 | 1876  | 1892      | Lord A. Innes-Ker, b.           |
| 1703     | Rutland                                   | John J. Robert Manners, 7th Duke               | 1818  | 1888      | Marq. of Granby, s.             |
| 1684     | St. Albans                                | Charles V. de Vere Beauclerk, 11th Duke (i)    | 1870  | 1898      | LD Osborne Beauclerk, b.        |
| 1547     | Somerset                                  | Algernon St. Maur, 15th Duke                   | 1846  | 1894      | Lord Percy St. Maur, b.         |
| 1833     | Sutherland                                | Crom. Sutherland-Leveson-Gower, 4th Duke       | 1851  | 1892      | Marq. of Stafford, s.           |
| 1814     | Wellington                                | Arthur Charles Wellesley, 4th Duke (j)         | 1849  | 1900      | Marq. of Douro, s.              |
| 1874     | Westminster                               | Hugh Richard Arthur Grosvenor, 2nd Duke        | 1879  | 1899      | Lord A. Grosvenor, u.           |

s, son; b, brother; c, cousin; n, nephew; u, uncle.

\* Irish Dukes. † Royal Dukes. ‡ Scotch Dukes. (a) Eighth Duke of Queensberry, descendant of the Duke of Monmouth, son of King Charles II. (b) Son of King George V., of Hanover. (c) Husband of the Princess Louise, eldest daughter of the Prince of Wales. (d) Descendant of Henry Fitzroy, first Duke, son of King Charles II. and Barbara Villiers. (e) His mother was Miss Yznaga, of New York. His wife (whom he married November 14, 1900) was Miss Helena Zimmerman, of Cincinnati, Ohio. (f) His wife was Miss Consuelo Vanderbilt, daughter of William K. Vanderbilt, of New York. (g) Premier Duke. (h) Descendant of Charles Lennox, first Duke, son of King Charles II. and Louise-Renée de Querouailles. (i) Descendant of Charles Beauclerk, first Duke, son of King Charles II. and Nell Gwynne. (j) Grandson of the great Duke of Wellington, the victor of Waterloo. (k) Husband of Princess Louise, sixth child of Queen Victoria. (l) Duke of Saxe-Coburg-Gotha.

## THE HOUSE OF COMMONS.

The present House of Commons consists of 670 members—465 for England, 30 for Wales, 72 for Scotland, and 103 for Ireland.

The division of parties in the House of Commons, returned in the general elections of September and October, 1900, was as follows: Conservatives, 334; Liberal-Unionists, 68; Liberals, 186; Nationalists, 82; the ministerial majority being 134.

The Speaker of the House is the Rt. Hon. William Court Gully, K. C., M. P. for Carlisle.

# Population of Great Britain and Ireland.

CENSUS OF 1901.  
ENGLAND.

| COUNTIES.    | Population. | COUNTIES.      | Population. | COUNTIES.      | Population. | COUNTIES.      | Population. |
|--------------|-------------|----------------|-------------|----------------|-------------|----------------|-------------|
| Bedford..... | 171,349     | Essex.....     | 1,085,576   | Monmouth....   | 292,327     | Suffolk.....   | 384,198     |
| Berks.....   | 254,931     | Gloucester.... | 634,666     | Norfolk.....   | 460,040     | Surrey.....    | 2,008,923   |
| Bucks.....   | 195,534     | Hampshire....  | 798,756     | Northampton.   | 338,064     | Sussex.....    | 605,052     |
| Cambridge    | 190,687     | Hereford.....  | 114,401     | N or t humber- |             | Warwick.....   | 897,678     |
| Chester..... | 814,555     | Hertford.....  | 250,530     | land.....      | 602,859     | Westmoreland   | 64,305      |
| Cornwall.... | 322,957     | Huntingdon.... | 57,773      | Nottingham...  | 514,537     | Wiltshire..... | 273,845     |
| Cumberland.  | 266,921     | Kent.....      | 1,351,849   | Oxford.....    | 182,768     | Worcester..... | 488,401     |
| Derby.....   | 620,196     | Lancaster..... | 4,406,787   | Rutland.....   | 19,708      | York.....      | 3,585,122   |
| Devon.....   | 660,444     | Leicester..... | 433,994     | Shropshire.... | 239,321     |                |             |
| Dorset.....  | 202,962     | Lincoln.....   | 498,781     | Somerset.....  | 508,104     | Total.....     | 30,805,466  |
| Durham.....  | 1,187,324   | Middlesex....  | 3,585,139   | Stafford.....  | 1,234,382   |                |             |

## SCOTLAND.

|               |         |                |           |                |         |                |           |
|---------------|---------|----------------|-----------|----------------|---------|----------------|-----------|
| Aberdeen..... | 303,889 | Edinburgh....  | 437,553   | Linlithgow.... | 64,787  | Selkirk.....   | 23,389    |
| Argyll.....   | 73,166  | Elgin.....     | 44,757    | Nairn.....     | 9,291   | Shetland.....  | 27,755    |
| Ayr.....      | 254,133 | Pife.....      | 218,350   | Orkney.....    | 27,723  | Stirling.....  | 141,894   |
| Banff.....    | 61,439  | Forfar.....    | 283,729   | Peebles.....   | 15,066  | Southland....  | 21,399    |
| Berwick.....  | 30,785  | Haddington.... | 38,658    | Perth.....     | 123,255 | Wigtown.....   | 32,591    |
| Bute.....     | 18,659  | Inverness....  | 89,901    | Renfrew.....   | 268,418 | Shipping popu- |           |
| Caithness.... | 33,619  | Kincardine.... | 40,891    | Ross and Crom- |         | lation.....    | 9,583     |
| Clackmannan.  | 31,991  | Kinross.....   | 6,980     | marty.....     | 76,149  |                |           |
| Dumbarnton..  | 113,660 | Kirkcudbright  | 39,359    | Roxburgh.....  | 48,793  | Total.....     | 4,471,957 |
| Dumfries..... | 72,562  | Lanark.....    | 1,337,848 |                |         |                |           |

## WALES.

|               |         |               |         |               |        |             |           |
|---------------|---------|---------------|---------|---------------|--------|-------------|-----------|
| Anglesey..... | 50,590  | Carnarvon.... | 128,385 | Merioneth.... | 49,130 | Raador..... | 23,263    |
| Brecon.....   | 59,906  | Denbigh.....  | 129,335 | Montgomery..  | 54,892 |             |           |
| Cardigan..... | 60,237  | Flint.....    | 81,727  | Pembroke....  | 88,749 | Total.....  | 1,720,609 |
| Carmarthen..  | 135,325 | Glamorgan.... | 860,022 |               |        |             |           |

## IRELAND.

| LEINSTER.    |         | MUNSTER.      |         | ULSTER.       |         | CONNAUGHT.   |           |
|--------------|---------|---------------|---------|---------------|---------|--------------|-----------|
| Carlow.....  | 37,723  | Westmeath.... | 61,527  | Antrim.....   | 461,240 | Galway.....  | 192,146   |
| Dublin.....  | 447,266 | Wexford.....  | 103,860 | Armagh.....   | 125,238 | Leitrim..... | 69,201    |
| Kildare..... | 63,469  | Wicklow.....  | 60,679  | Cavan.....    | 97,368  | Mayo.....    | 202,627   |
| Kilkenny.... | 78,821  | Clare.....    | 112,129 | Donegal.....  | 173,625 | Roscommon... | 101,639   |
| King's.....  | 60,139  | Cork.....     | 404,813 | Down.....     | 289,335 | Sligo.....   | 84,022    |
| Longford.... | 46,581  | Kerry.....    | 165,231 | Fermanagh.... | 65,243  |              |           |
| Louth.....   | 65,741  | Limerick..... | 146,018 | Londonderry.. | 144,329 | Total.....   | 4,456,546 |
| Meath.....   | 67,463  | Tipperary.... | 159,754 | Monaghan....  | 74,505  |              |           |
| Queen's..... | 57,226  | Waterford.... | 87,030  | Tyrone.....   | 150,468 |              |           |

The population returns are from the official census of Great Britain and Ireland taken in March, 1901. The total population, excluding army, navy, and merchant seamen abroad, is 41,454,578.

## The City of London.

| Lord Mayor.                                       | Ald. Shff. Mayor | Aldermen.                              | Ald. Shff. Mayor |
|---------------------------------------------------|------------------|----------------------------------------|------------------|
| Sir Marcus Samuel, Kt. ....                       | 1891 1894 1902   | Sir Walter Henry Wilkin, K.C.M.G.      | 1888 1894 1895   |
| <i>Aldermen.</i>                                  |                  | Sir George Faudel Faudel-Phillips,     |                  |
| Sir John Whittaker Ellis, Bart. ....              | 1872 1874 1881   | Bart., G. C. I. E. ....                | 1888 1884 1896   |
| Sir Henry Edmund Knight, Kt. ....                 | 1874 1875 1882   | Col. Sir H. D. Davies, M. P., K.C.M.G. | 1889 1887 1897   |
| Sir Reg. Hanson, Bart., LL.D. ....                | 1880 1881 1886   | Sir Alfred James Newton, Bart. ....    | 1890 1888 1899   |
| Sir Joseph Savory, Bart. ....                     | 1883 1882 1890   | Sir Frank Green, Bart. ....            | 1891 1897 1900   |
| Sir David Evans, K. C. M. G. ....                 | 1884 1885 1891   | Sir Joseph Cockfield Dimsdale, Bt. .   | 1891 1893 1901   |
| Sir Joseph Renals, Bart. ....                     | 1885 1883 1894   |                                        |                  |
| <i>All the above have passed the Civic Chair.</i> |                  |                                        |                  |
| Sir James Thomson Ritchie. ....                   | 1891 1896        | Sir John C. Knull.....                 | 1897             |
| John Pound.....                                   | 1892 1895        | Thomas Vesey Strong.....               | 1897             |
| Walter Vaughan Morgan.....                        | 1892 1900        | Harry George Smallman.....             | 1898             |
| Sir William Purdie Treloar, Kt. ....              | 1892 1899        | Thomas Boor Crosby, M. D. ....         | 1898             |
| Sir John Charles Bell.....                        | 1894 1901        | Howard C. Morris.....                  | 1901             |
| George Wyatt Truscott.....                        | 1895 1902        | David Burnett.....                     | 1902             |
| Frederick Prat Alliston.....                      | 1895 1898        |                                        |                  |

The Lord Mayor has an annual salary of £10,000, or \$50,000.

## Population of London.

| LONDON WITHIN VARIOUS BOUNDARIES.                             | Area in Statute Acres. | POPULATION. |           |           |
|---------------------------------------------------------------|------------------------|-------------|-----------|-----------|
|                                                               |                        | 1881.       | 1891.     | 1901.     |
| Within the Registrar-General's Tables of Mortality.....       | 74,672                 | 3,215,544   |           |           |
| Within the Limits of the County of London.....                |                        | 3,834,194   | 4,228,317 | 4,536,063 |
| London School Board District.....                             |                        | 3,834,194   |           |           |
| City of London within Municipal and Parliamentary Limits..... | 671                    | 50,658      | 37,705    | 26,897    |
| Metropolitan Parliamentary Boroughs (including the City)..... | 75,442                 | 3,834,194   | 4,232,118 | 4,542,725 |
| Metropolitan and City Police Districts.....                   | 443,421                | 4,766,661   | 5,633,806 | 6,580,616 |

## The German Government.

(For the Ministry, see page 354.)

### POLITICAL DIVISIONS IN THE REICHSTAG.

| PARTIES.                                         | Number of Members. | PARTIES.                            | Number of Members. |
|--------------------------------------------------|--------------------|-------------------------------------|--------------------|
| German Conservatives.....                        | 54                 | Liberal Union.....                  | 13                 |
| Imperialists.....                                | 23                 | Liberal People's Party.....         | 29                 |
| National Social Reform Party (Anti-Semites)..... | 10                 | National People's Party.....        | 8                  |
| Centre (Clericals).....                          | 105                | Social Democrats.....               | 58                 |
| Poles.....                                       | 16                 | Alsatian (meaning Anti-German)..... | 8                  |
| National Liberals.....                           | 42                 | Independent (unclassified).....     | 28                 |
|                                                  |                    | Total (with three vacancies).....   | 397                |

The largest group, the Clericals or Centre, represents mainly the Rhine districts and South Germany. The Conservatives, though sometimes in opposition, especially on agrarian questions, are regarded as the ministerial party, and with them are allied the National Liberals and some smaller groups, insuring the Government a majority.

### THE ARMY.

The Commander-in-Chief is the Emperor.  
*Field-Marshal-Generals*—King George of Saxony, Prince Albrecht of Prussia, Grand Duke Frederick of Baden, Grand Duke Charles Alexander of Saxony, Baron von Loë, Count von Waldersee, Prince Leopold of Bavaria.

*General Staff, Chief*—Count von Schlieffen.  
*Corps Commanders*—*First Corps*, Eastern Prussia, Königsberg, General Baron von der Goltz; *Second Corps*, Pomerania, Stettin, Lieutenant-General von Langenbeck; *Third Corps*, Berlin, General von Lignitz; *Fourth Corps*, Magdeburg, General von Klitzing; *Fifth Corps*, Posen, General von Stülpnagel; *Sixth Corps*, Breslau, General Hereditary Prince of Saxe-Meiningen; *Seventh Corps*, Münster, General Baron von Bissing; *Eighth Corps*, Coblenz, General von Deines; *Ninth Corps*, Altona, Lieutenant-General von Massow; *Tenth Corps*, Hanover, General von Stüntzner; *Eleventh Corps*, Cassel, General von Wittich; *Twelfth Corps*, Dresden, Crown Prince Frederick August of Saxony; *Thirteenth Corps*, Stuttgart, General von Hugo; *Fourteenth Corps*, Karlsruhe, General von Bock and Polach; *Fifteenth Corps*, Strassburg, General Baron von Blüthenfeld; *Sixteenth Corps*, Metz, General Count von Haeseler; *Seventeenth Corps*, Dantzic, General von Braunschweig; *Eighteenth Corps*, Frankfurt-on-Main, General von Lindequist; *Nineteenth Corps*, Leipsic, General von Treitschke; *First Bavarian Army Corps*, Munich, General Prince Arnulf of Bavaria; *Second Bavarian Army Corps*, Würzburg, General Ritter von Xylander. *Commander of the Guards*—General von Kessel.

## The French Government.

(For the Ministry, see page 354.)

*President*.....Emile Loubet.

The annual allowance to the President of the Republic is 600,000 francs, with a further allowance of 600,000 francs for his expenses.

### NATIONAL ASSEMBLY.

*SENATE*.—*President*, M. Fallières; *Vice-Presidents*, MM. Barbey, Poirrier, Peytral, and Desmons; *Secretary-General*, M. Sorel.

*CHAMBER OF DEPUTIES*.—*President*, M. Leon Bourgeois; *Secretary-General*, M. Eugene Pierre. The number of Senators is 300, and they are at present politically divided into about 250 Republicans and 50 representatives of the various shades of the opposition.

The Deputies number 591, and are divided into the following groups: Ministerialists (Republicans), 296; Progressists, 126; Socialists, 43; Nationalists, 43; Monarchists, 43; Rallies (Monarchical Converts to Republicanism), 40.

### THE ARMY.

*Supreme Commander*—General Brugère.  
*Military Governor of Paris*—General Faure-Biguët.  
*Corps Commanders*—*First Corps*, Lille, General Jeannerod; *Second Corps*, Amiens, General Lanes; *Third Corps*, Rouen, General Gallimard; *Fourth Corps*, Mans, General Sonnois; *Fifth Corps*, Orleans, General Farny; *Sixth Corps*, Chalons, General Hagron; *Seventh Corps*, Besançon, General Dessirier; *Eighth Corps*, Bourges, General Rau; *Ninth Corps*, Tours, General Tanchot; *Tenth Corps*, Rennes, General Passerieu; *Eleventh Corps*, Nantes, General Grisot; *Twelfth Corps*, Limoges, General Decharme; *Thirteenth Corps*, Clermont-Ferrand, General Tournier; *Fourteenth Corps*, Lyons, General Zédé; *Fifteenth Corps*, Marseilles, General Mathis; *Sixteenth Corps*, Montpellier, General Pedoya; *Seventeenth Corps*, Toulouse, General Tisseyre; *Eighteenth Corps*, Bordeaux, General Grasset; *Nineteenth Corps*, Algiers, General Servière; *Twentieth Corps*, Nancy, General Michal. *Division of Tunis*—General Beggassiere.

### THE NAVY.

*Commanders of Squadrons and Divisions of Squadrons*.—Squadrons of the Western Mediterranean and Levant, Vice-Admiral de Maigret (flagship St. Louis), Commander-in-Chief; Northern Squadron, Vice-Admiral de Courthille (flagship Formidable), Commander-in-Chief; Squadron of Extreme Orient, Vice-Admiral Maréchal (flagship Redoutable), Commander-in-Chief; Naval Division of the Atlantic, Rear-Admiral Rivet (flagship Tage); Naval Division of the Pacific, Rear-Admiral Barnaud (flagship Protet); Naval Division of the Indian Ocean, Rear-Admiral Kiesel (flagship Catinat); Squadron Protecting French Coasts, Rear-Admiral Péphau (flagship Bouvines).



## The Russian Government.

(For the Ministry, see page 354.)

COUNCIL OF THE EMPIRE.

*President*.....His Imperial Highness the Grand Duke Michael Nicolaëvitch.

THE ARMY.

The Commander-in-Chief is the Emperor.

*Commanders of Military Conscriptions*—*First Conscription*, St. Petersburg, H. I. H. the Grand Duke Vladimir Alexandrovitch. *Second Conscription*, Finland, Adjutant-General General of Infantry Bobrikoff. *Third Conscription*, Vilna, vacant. *Fourth Conscription*, Poland, Jchertkoff. *Fifth Conscription*, Kiev, General Adjutant-General of Infantry Dragomiroff. *Sixth Conscription*, Odessa, General of Cavalry Count Moussine-Poushkin. *Seventh Conscription*, Moscow, H. I. H. the Grand Duke Sergius Alexandrovitch. *Eighth Conscription*, Kazan, General of Infantry Mestcherinoff. *Ninth Conscription*, Caucasus, General of Infantry Prince Gollitzin. *Tenth Conscription*, Turkestan, Lieutenant-General Ivanoff. *Eleventh Conscription*, Western Siberia, General of Cavalry Lieutenant-General Bobrinski. *Twelfth Conscription*, Amoor, Lieutenant-General Grodekoff. The Cossacks are not here included; they have a separate military organization.

THE NAVY.

Commander-in-Chief, H. I. H. the Grand Duke Alexis Alexandrovitch.

## The Italian Government.

(For the Ministry, see page 354.)

PARLIAMENT.

*President of the Senate*—Signor Saracco. *President of the Chamber of Deputies*—Signor Biancheri.

THE ARMY.

*Chief of Staff*—General Saletta.

*Corps Commanders*—Turin, Lieutenant-General Besozzi; Alessandria, Lieutenant-General Ruggiu; Verona, Lieutenant-General Del Mayo; Bologna, Lieutenant-General Gandolfi; Ancona, Lieutenant-General Conini; Florence, Lieutenant-General Baldissera; Rome, Lieutenant-General Mazza; Naples, Lieutenant-General Mirri; Bari, Lieutenant-General Pedotti; Palermo, Lieutenant-General Ottolenghi; Placenza, Lieutenant-General Leone Pelloux; Milan, Lieutenant-General Ferrer.

COMMANDERS OF MILITARY DIVISIONS.

1. Turin, Lieutenant-General Riva Palazzi; 2. Novara, Lieutenant-General Barbieri; 3. Alessandria, Lieutenant-General Gobbo; 4. Cuneo, Lieutenant-General Sanguinetti; 5. Milan, Lieutenant-General Osio; 6. Brescia, Lieutenant-General Pistoia; 7. Placenza, Lieutenant-General Gazzarelli; 8. Genoa, Lieutenant-General Cerutti; 9. Verona, Lieutenant-General Guy; 10. Padua, Lieutenant-General Lamberti; 11. Bologna, Lieutenant-General Asinari di Bernezzo; 12. Ravenna, Lieutenant-General Moreno; 13. Ancona, Lieutenant-General Marras; 14. Chieti, Lieutenant-General Bisesti; 15. Florence, Lieutenant-General Perruchetti; 16. Leghorn, Lieutenant-General Goiran; 17. Rome, Lieutenant-General Fecia di Cossato; 18. Perugia, Lieutenant-General Valles; 19. Naples, Lieutenant-General Mazza; 20. Salerno, Lieutenant-General Fantoni; 21. Bari, Lieutenant-General Radicati di Marmorito; 22. Catanzaro, Lieutenant-General Giardini; 23. Palermo, Lieutenant-General Bellati; 24. Messina, Lieutenant-General Moriondo; 25. Sardegna, Lieutenant-General Rogier.

THE NAVY.

*Admiral*—H. R. H. Prince Thomas, Duke of Genoa. *Commanders of Squadrons*—*Active*, Vice-Admiral Magnaghi; *Reserve*, Vice-Admiral Bettolo; *Oceanic*, Vice-Admiral Candiani; *Instruction*, Rear-Admiral Marchese.

## The Austrian-Hungarian Government.

(For the Ministry, see page 354.)

THE AUSTRIAN REICHSRATH.

*President of the House of Lords*—Prince Alfred Windischgrätz. *President of the House of Deputies*—Count Moria Vetter von der Lillie. *Vice-Presidents*—Professor August Kaiser and Johann Zacek.

THE HUNGARIAN REICHSTAG.

*President of the House of Magnates*—Count Albin Csaky. *President of the House of Representatives*—Count Albert Appouyi. *Vice-Presidents*—Adalbert Tallian de Vizck and Gabris C. Daniel de Vargyas.

THE ARMY.

The Commander-in-Chief is the Emperor.

*Corps Commanders*—*First Corps*, Cracow, L. F. M., Baron E. Albori; *Second Corps*, Vienna, Count Uxküll-Gyllenband, F. Z. M.; *Third Corps*, Graz, L. F. M., E. von Sukovatti; *Fourth Corps*, Buda-Pesth, L. F. M., Prince R. Lobkowitz; *Fifth Corps*, Presburg, L. F. M., Archduke Frederick; *Sixth Corps*, Kaschan, F. M. L., H. Edler von Pokorny; *Seventh Corps*, Temesvar, L. F. M., Schwitzer von Bayersheim; *Eighth Corps*, Prague, F. Z. M., Ludwig Fabini; *Ninth Corps*, Josefstadt, F. M. L., Klobus; *Tenth Corps*, Przemysl, F. Z. M., Anton Galgotzy; *Eleventh Corps*, Lemberg, L. F. M., Ferdinand Fiedler; *Twelfth Corps*, Hermannstadt, F. Z. M., Probszt Edler von Ohstorff; *Thirteenth Corps*, Agram, G. D. C., Baron A. Bechtoldshelm; *Fourteenth Corps*, Innsbrück, F. M. L., Archduke Eugene; *Fifteenth Corps*, Sarajewo, G. D. C., Baron von Appel.

GOVERNORS OF PROVINCES.

Lower Austria—Count E. Kiemanssegg. Upper Austria—Baron v. Puthon. Bohemia—Count Carl Coudenhove. Bukovina—Baron F. Bourgoing. Carinthia—Ritter von Fraydenegg. Carniola—Baron Victor v. Heln. Dalmatia—Erasmus Baron de Haudel. Galicia—Count Leo Piniński. Coast Land (Gorice, Istria, Trieste)—Count Leopold Goëss. Moravia—Count Carl Zierotin. Salzburg—Count St. Julien-Wallsee. Silesia—Count Joseph Thün. Styria—Count Clary. Tirol and Vorarlberg—Baron Erwin Schwarronan.

## Dominion of Canada.

Governor-General (Salary, \$50,000) .....THE EARL OF MINTO.

### MINISTRY.

The salary of each member of the Dominion Cabinet holding a portfolio is \$7,000 per annum, except the Premier, who receives \$8,000. The present ministry was sworn into office July 11, 1896. It is liberal in politics.

*Prime and President of the Privy Council*—Rt. Hon. Sir Wilfred Laurier, G. C. M. G.  
*Secretary of State*—Hon. Richard W. Scott (Senator).  
*Minister of Trade and Commerce*—Hon. Sir Richard Cartwright, G. C. M. G.  
*Minister of Justice*—Hon. Charles Fitzpatrick.  
*Minister of Marine and Fisheries*—Hon. James Sutherland.  
*Minister of Militia and Defence*—Hon. Sir Fred. W. Borden, K. C. M. G.

*Postmaster-General*—Hon. Sir William Mulock, K. C. M. G.  
*Minister of Agriculture*—Hon. Sydney A. Fisher.  
*Minister of Public Works*—Vacant October 23, 1902.  
*Minister of Finance*—Hon. William S. Fielding.  
*Minister of Railways and Canals*—Hon. A. J. Blair.  
*Minister of the Interior*—Hon. Clifford Sifton.  
*Minister of Customs*—Hon. Wm. Paterson.  
*Minister of Inland Revenue*—Hon. Michel E. Bernier.  
*Without Portfolio*—Hon. W. Templeman.

### NOT IN CABINET.

*Solicitor-General*—Hon. H. G. Carroll.

The Senate (Dominion Parliament) is composed of 81 members, Hon. Lawrence G. Power, Speaker, whose salary is \$4,000. Each Senator receives a sessional indemnity of \$1,500 and mileage. The House of Commons is composed of 213 members, Hon. Louis P. Brodeur, Speaker, whose salary is \$4,000. Each member of the House receives a sessional indemnity of \$1,500 and mileage. The members of the House of Commons are elected under the several Provincial Franchises, in accordance with a Federal act passed in 1898. The Senators are appointed for life by the Crown on the nomination of the Governor-in-Council.

### AREA, POPULATION, AND SEATS OF GOVERNMENT, AND LIEUTENANT-GOVERNORS OF THE PROVINCES.

| PROVINCES.                              | Area, Square Miles.* | Population, 1901. | Seats of Government. | Lieutenant-Governors.                                 | Appointed. |
|-----------------------------------------|----------------------|-------------------|----------------------|-------------------------------------------------------|------------|
| Alberta.....                            | 100,000              | 65,876            | Regina.....          | Hon. A. E. Forget.....                                | 1898       |
| Assiniboia.....                         | 90,340               | 67,385            | Regina.....          | " " " ".....                                          | 1898       |
| Atabaska.....                           | 251,300              | 6,615             | Regina.....          | " " " ".....                                          | 1898       |
| British Columbia....                    | 383,300              | 178,657           | Victoria.....        | Hon. Sir H. G. Joly de Lotbinière,<br>K. C. M. G..... | 1900       |
| Manitoba.....                           | 73,956               | 255,211           | Winnipeg.....        | Hon. D. H. McMillan.....                              | 1900       |
| New Brunswick.....                      | 28,200               | 331,120           | Fredericton.....     | Hon. J. B. Snowball.....                              | 1902       |
| Nova Scotia.....                        | 20,600               | 459,574           | Halifax.....         | Hon. A. G. Jones, P. C.....                           | 1900       |
| Ontario.....                            | 222,000              | 2,182,947         | Toronto.....         | Hon. Sir Oliver Mowat, G. C. M. G.....                | 1897       |
| Prince Edward Island                    | 2,000                | 103,259           | Charlottetown.....   | Hon. P. A. MacIntyre.....                             | 1899       |
| Quebec.....                             | 347,350              | 1,648,898         | Quebec.....          | Hon. L. A. Jetté.....                                 | 1898       |
| Saskatchewan.....                       | 114,000              | 25,679            | Regina.....          | Hon. A. E. Forget.....                                | 1898       |
| Mackenzie, Ungava,<br>and Franklin..... | 1,019,200            | 18,875            | Regina.....          | " " " ".....                                          | 1898       |
| Yukon.....                              | 198,300              | 27,219            | Dawson.....          | " " " ".....                                          | ....       |
| Keewatin.....                           | 756,000              | †                 | Winnipeg.....        | " " " ".....                                          | ....       |
| Great Lakes & Rivers                    | 47,400               | .....             | .....                | " " " ".....                                          | ....       |
| Total.....                              | 3,653,946            | 5,371,315         |                      |                                                       |            |

\*Land and water included in area. † Included in Mackenzie, Ungava, and Franklin.

High Commissioner in London, England, Lord Strathcona and Mount Royal, G. C. M. G. Salary, \$10,000.

The Dominion of Canada has an area of 3,653,946 (including the Hudson Bay) square miles, and comprises one-sixteenth of the land surface of the globe. It is the largest of all the British possessions, Australia, the next in size, containing 2,944,628 square miles. The Government of Canada is Federal, centred at Ottawa, which city is the capital of the Dominion, while the provinces and the Northwest Territories have their respective local Legislatures. The head of the Federal Government is the Governor-General, appointed by the Queen of Great Britain, and holding office for five years, his salary being paid by the Dominion Government.

The Lieutenant-Governors of the several provinces are appointed by the Federal Government for a term of five years. The Legislatures are elected by the people of each province. The highest Court in the Dominion is the Supreme Court, composed of a Chief Justice and five Judges, each of whom receives a salary of \$7,000 per annum, except the Chief Justice, who is paid an additional \$1,000. From the decisions of this Court the only tribunal to which appeal can be made is to the Judicial Committee of the Imperial Privy Council of Great Britain. The only other Federal Court is the Exchequer Court, presided over by a single Judge, for trying cases connected with the revenue. All others are of a provincial character, limited to jurisdiction in their respective provinces only.

### FINANCES.

Revenue (financial year ending June 30, 1902), \$52,514,701, of which \$28,425,284 was from customs; \$10,318,266 from excise; \$4,641,608 (gross) from post-office; \$5,770,071 from public works, including government railways; \$1,784,834 from interest on investments, and \$1,517,320 from Dominion lands. The revenue in 1902 amounted to \$58,024,229.

DOMINION OF CANADA—*Continued.*

The expenditure on account of consolidated fund was \$16,866,368, of which \$10,807,955 was for interest; \$1,474,919 for civil government; \$873,233 for administration of justice; \$1,172,726 for legislation; \$578,618 for light-house and coast service; \$629,198 for mail subsidies and steamship subventions; \$1,019,329 for Indians; \$491,351 for fisheries; \$152,493 for geological survey and observatories; \$867,372 for arts, agriculture, quarantine, and statistics; \$2,061,674 for militia and defence; \$3,386,632 for public works; \$4,250,607 for subsidies to provinces; \$5,153,622 for post-office; \$6,377,961 for railways and canals; \$1,123,817 for collecting customs revenue; \$233,162 for ocean and river service; \$444,730 for immigration; \$912,151 for mounted police.

NATIONAL DEBT.

The gross public debt of Canada on June 30, 1902, amounted to \$366,436,710. The total assets counted against gross public debt amounted to \$94,558,294, of which amount \$50,874,000 are sinking funds.

MILITIA.

The total strength of the Canadian militia June 30, 1901-1902, was 38,090 men, including 2,876 cavalry, 1,628 field artillery, 2,219 garrison artillery, 328 engineers, 29,766 infantry. Attached to the military schools and colleges there are 1,021 men, who constitute the permanent force of Canada.

TRADE.

Exports fiscal year (1901-1902): To British Empire, \$129,036,650; United States, \$69,562,232; Germany, \$2,692,578; France, \$1,388,848; Belgium, \$2,444,451; China, \$277,309; Japan, \$293,277; Holland, \$320,241. Total exports, \$211,640,286.

Imports fiscal year (1901-1902): From British Empire, \$54,031,390; United States, \$129,801,847; Germany, \$10,919,994; France and possessions, \$7,168,229; Belgium, \$1,665,675; Japan, \$1,503,731; China, \$489,441; Cuba, \$264,689; South America, \$997,533; Italy, \$704,209; Switzerland, \$781,833; Holland, \$841,045. Total imports, \$212,270,158.

Of the merchandise imported, \$127,955,254 was dutiable, and \$84,314,904 free.

Imports of coin, \$6,311,405, and the exports \$1,669,422.

BANKS.

Chartered banks (September 30, 1902): Capital paid up, \$70,270,408; reserve fund, \$40,725,468; making total banking capital, \$110,995,876; circulation redemption fund, \$2,792,166. Total assets, \$593,012,325; total liabilities, \$473,090,477; notes in circulation, \$55,035,701; deposits, \$390,176,191; loans and discounts, \$430,457,075.

Deposits in savings banks (1901): Government, \$56,048,959; special, \$19,125,097. Total, \$75,174,056.

RAILWAYS.

Canada has a network of railways, the total mileage of which at the end of June, 1901, was 18,354 miles.

FISHERIES.

The following is a statement of the money value of the fisheries within the Dominion of Canada, 1872-1900 inclusive:

|           |                |           |                 |           |                 |
|-----------|----------------|-----------|-----------------|-----------|-----------------|
| 1872..... | \$9,570,116.05 | 1882..... | \$16,824,092.00 | 1892..... | \$18,942,000.00 |
| 1873..... | 10,547,402.44  | 1883..... | 16,958,192.00   | 1893..... | 20,686,661.00   |
| 1874..... | 11,681,886.20  | 1884..... | 17,776,404.24   | 1894..... | 20,719,573.00   |
| 1875..... | 10,350,385.29  | 1885..... | 17,722,973.18   | 1895..... | 20,185,298.00   |
| 1876..... | 11,117,000.00  | 1886..... | 18,672,288.00   | 1896..... | 20,407,424.00   |
| 1877..... | 12,005,934.00  | 1887..... | 18,386,103.00   | 1897..... | 22,783,546.00   |
| 1878..... | 13,215,686.00  | 1888..... | 17,418,510.00   | 1898..... | 19,667,127.00   |
| 1879..... | 13,529,153.00  | 1889..... | 17,655,256.00   | 1899..... | 21,891,706.00   |
| 1880..... | 14,499,980.00  | 1890..... | 17,725,000.00   | 1900..... | 21,557,639.00   |
| 1881..... | 15,817,163.00  | 1891..... | 18,979,000.00   |           |                 |

GENERAL STATISTICS.

Post-offices (year ended June 30, 1901), 9,834; number of letters and post-cards mailed, 218,492,000. Tonnage of sea-going vessels entered and cleared, 14,543,062 tons register; tonnage of shipping engaged in the coasting trade, 34,444,796 tons; tonnage of shipping engaged in the Great Lakes carrying between Canada and the United States, 11,486,746 tons registered; vessels built and registered, 327; tonnage, 35,156; light-houses, 886.

POPULATION OF CITIES, CENSUS OF 1901.

Montreal, 267,730; Toronto, 208,040; Quebec, 68,840; Ottawa, 59,928; Hamilton, 52,634; Winnipeg, 42,340; Halifax, 40,832; St. John, 40,711; London, 37,981; Vancouver, 26,133; Victoria, 20,821; Kingston, 17,961; Brantford, 16,619; Hull, 13,988; Charlottetown, 12,080; Valleyfield, 11,055; Sherbrooke, 11,765; Sydney, 9,909; Moncton, 9,026; Brandon, 5,380.

These pages of Canadian statistics were revised for THE WORLD ALMANAC for 1903 by George Johnson, Esq., F. S. S., Statistician of the Department of Agriculture, Dominion of Canada.

## Mexico.

President (Salary, \$50,000).....GENERAL PORFIRIO DIAZ.

## MINISTRY.

The salary of each member of the Cabinet is \$15,000.

Secretary of Foreign Affairs—Señor Don Ignacio Mariscal.

Secretary of the Interior—Señor General Don Manuel G. Cosío.

Secretary of Justice and Public Instruction—Señor Don Justino Fernandez.

Secretary of Improvements—Señor Don Leandro Fernandez.

Secretary of Finances—Señor Don José Ives Limantour.

Secretary of War and Navy—Señor General Don Bernardo Reyes.

Secretary of Communications and Commerce—Señor General Don Francisco Z. Mena.

## AREA, POPULATION, CONSTITUTION, AND GOVERNMENT.

| STATES AND TERRITORIES. | Area Square Miles. | Popula-tion. | Capitals.        | STATES AND TERRITORIES. | Area Square Miles. | Popula-tion. | Capitals.         |
|-------------------------|--------------------|--------------|------------------|-------------------------|--------------------|--------------|-------------------|
| Aguas Calientes.        | 2,951              | 103,645      | Aguas Calientes. | Queretaro.....          | 3,558              | 227,233      | Queretaro.        |
| Campeche.....           | 18,091             | 88,121       | Campeche.        | San Luis Potosi..       | 25,323             | 570,814      | San Luis Potosi.  |
| Chiapas.....            | 27,230             | 315,120      | San Cristobal.   | Sinaloa.....            | 33,681             | 258,845      | Culliacan.        |
| Chihuahua.....          | 87,828             | 266,831      | Chihuahua.       | Sonora.....             | 76,922             | 191,281      | Hermosillo.       |
| Coahuila.....           | 62,375             | 235,638      | Coahuila.        | Tabasco.....            | 10,075             | 134,794      | S. Juan Bautista. |
| Colima.....             | 2,273              | 55,677       | Colima.          | Tamaulipas.....         | 32,585             | 208,102      | Ciudad Victoria.  |
| Durango.....            | 38,020             | 294,366      | Durango.         | Tepec (Ter.).....       | 11,279             | 148,776      | Tepec.            |
| Guanajuato.....         | 11,374             | 1,047,338    | Guanajuato.      | Tlaxcala.....           | 1,595              | 166,803      | Tlaxcala.         |
| Guerrero.....           | 25,003             | 417,621      | Chilpancingo.    | Vera Cruz.....          | 29,210             | 856,975      | Jalapa.           |
| Hidalgo.....            | 8,920              | 548,039      | Pachuca.         | Yucatan.....            | 35,214             | 398,039      | Merida.           |
| Jalisco.....            | 31,855             | 1,107,863    | Guadalajara.     | Zacatecas.....          | 24,764             | 452,720      | Zacatecas.        |
| Mexico.....             | 9,250              | 837,737      | Toluca.          | L. California(Ter)      | 58,345             | 42,345       | La Paz.           |
| Michoacán.....          | 22,831             | 889,795      | Morelia.         | Federal District.       | 463                | 484,608      | City of Mexico.   |
| Morelos.....            | 2,774              | 159,800      | Cuernavaca.      | Islands.....            | 1,561              | .....        | .....             |
| Nuevo Leon.....         | 24,324             | 309,352      | Monterey.        | Total.....              | 767,316            | 12,578,861   |                   |
| Oaxaca.....             | 35,332             | 832,529      | Oaxaca.          |                         |                    |              |                   |
| Puebla.....             | 12,207             | 979,733      | Puebla.          |                         |                    |              |                   |

The present Constitution of Mexico bears date February 5, 1857, with subsequent amendments. By its terms Mexico is considered a Federative Republic, divided into States, nineteen at the outset, but at present twenty-seven in number, with two Territories and one Federal District, each having a right to manage its own local affairs, while the whole are bound together in one body politic by fundamental and constitutional laws. The powers of the Federal Government are divided into three branches—the legislative, executive, and judicial. The legislative power is vested in a Congress, consisting of a House of Representatives and a Senate; the executive in a President, and the judicial in Federal Courts. Representatives elected by the suffrage of all male adults, at the rate of one member for 40,000 inhabitants, hold their places for two years. The qualifications requisite are to be twenty-five years of age and a resident in the State. The Senate consists of two members from each State, of at least thirty years of age, who hold their places for four years. Senators are elected indirectly, half of them being renewed every two years. The members of both Houses receive salaries of \$3,000 each a year.

The President is elected by electors popularly chosen in a general election, holds office for four years, and, according to the last Amendment of the Constitution, there will be no prohibition to his re-election. In case of his sudden disability, the Secretary of Foreign Affairs officiates in his place; in case of leave, death, or permanent disability, Congress elects a pro tempore President, who acts until, in either of the two last cases, a President is elected by the people. Congress has to meet annually from September 16 to December 15, and from April 1 to May 31, and a permanent committee of both Houses sits during the recesses.

## FINANCE AND COMMERCE.

The Federal revenues collected during the fiscal year ended June 30, 1901, were about \$65,000,000; disbursements were about \$62,000,000; value of imports year ended June 30, 1902, \$64,648,774; value of exports, \$168,041,271.

## ARMY AND NAVY.

The army consists of infantry, 22,964; engineers, 766; artillery, 2,304; cavalry, 8,454; rural guards of police, 2,365; gendarmerie, 250; total, 37,103. There are over 3,000 officers. There is a fleet of two unarmored gun-vessels, each of 450 tons and 600 horse-power, and armed with 20-pounders, one training-ship of 1,221 tons armed with four 4.72-guns, two 57-mm. guns and two 32-mm. guns, and three small gunboats. Two new gunboats have been recently built at Elizabeth, N. J.

## NATIONAL DEBT.

The external debt, contracted in London, is £16,500,000, and the total debt of the country was in 1897, in gold, \$114,675,895.49; in silver, \$88,549,111.80. Total, \$203,225,067.34.

## INTERNAL IMPROVEMENTS.

Miles of railway in operation, 10,840; miles of telegraph line, 44,305; post-offices, 2,207. This information about Mexico, compiled mainly from the bulletins of the Bureau of American Republics, Washington, D. C., was corrected to date for THE WORLD ALMANAC at the office of the Mexican Embassy at Washington.

## Central and South American Trade.

### IMPORTS AND EXPORTS.

| COUNTRIES.              |          |               | COUNTRIES.    |                        |          |             |              |
|-------------------------|----------|---------------|---------------|------------------------|----------|-------------|--------------|
| Year                    | Imports. | Exports.      | Year          | Imports.               | Exports. |             |              |
| Argentine Rep. (gold)   | 1900     | \$113,485,069 | \$154,606,412 | Hayti (gold).....      | 1898     | \$3,943,786 | \$12,747,930 |
| Bolivia (silver).....   | 1900     | 13,444,114    | 35,657,690    | Honduras (gold).....   | 1899     | 1,409,788   | 2,656,661    |
| Brazil (gold).....      | 1898     | 122,000,000   | 137,000,000   | Mexico †.....          | 1901     | 65,085,451  | 148,656,339  |
| Chile (gold pesos)..... | 1900     | 128,538,142   | 167,674,635   | Nicaragua (gold).....  | 1900     | 2,437,952   | 2,838,557    |
| Colombia (silver).....  | 1898     | 11,346,028    | 19,735,734    | Paraguay (nat. cur'y)  | 1900     | 20,977,419  | 21,382,856   |
| Costa Rica (gold).....  | 1900     | 6,084,898     | 6,321,196     | Peru (silver).....     | 1899     | 18,734,949  | 30,725,911   |
| Dominican Rep. (gold)   | 1900     | 3,233,178     | 6,005,864     | Salvador (silver)..... | 1900     | 6,000,000   | 9,143,690    |
| Guatemala (silver)..... | 1900     | 13,431,179    | 15,419,232    | Uruguay (gold).....    | 1900     | 23,977,606  | 23,583,157   |
| Guatemala*.....         | 1898     | 3,850,668     | 15,377,460    | Venezuela (gold).....  | 1898     | 8,159,624   | 14,373,115   |

\* Value of imports given in gold; exports, silver. † Valued at \$0.365 in United States currency. ‡ Fiscal year ended 1901.

The above returns, and those of population following, were furnished THE WORLD ALMANAC<sup>®</sup> the Director of the Bureau of the American Republics, Washington, D. C.

### POPULATION OF THE LATIN AMERICAN REPUBLICS.

(According to Latest Estimates.)

|                          |            |                |            |
|--------------------------|------------|----------------|------------|
| Argentine Republic ..... | 4,800,000  | Hayti.....     | 1,211,625  |
| Bolivia .....            | 2,500,000  | Honduras.....  | 420,000    |
| Brazil .....             | 18,000,000 | Mexico.....    | 13,570,545 |
| Chile .....              | 3,110,083  | Nicaragua..... | 420,000    |
| Colombia .....           | 4,600,000  | Paraguay.....  | 600,600    |
| Costa Rica.....          | 309,683    | Peru.....      | 3,000,000  |
| Dominican Republic ..... | 600,000    | Salvador.....  | 915,512    |
| Ecuador.....             | 1,300,000  | Uruguay.....   | 863,864    |
| Guatemala.....           | 1,574,340  | Venezuela..... | 2,444,816  |

## Division of Africa

### AMONG THE EUROPEAN POWERS.

|                                                                                                                                                                                                                                                                                                                         | Area.     | Population. |                                                                                          | Area.            | Population.        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|------------------------------------------------------------------------------------------|------------------|--------------------|
| <b>BRITISH AFRICA:</b> Basutoland, Bechuanaland Protectorate, Cape Colony, Central Africa, East Africa Protectorate, Uganda Protectorate, Zanzibar Protectorate, Mauritius, Natal, Niger Coast Protectorate, Territory of the Royal Niger Co., South Africa, West Africa, Zululand and Islands, and the Boer colonies*. | 2,585,220 | 41,132,612  | <b>GERMAN AFRICA:</b> Togoland, Cameroons, South West Africa, East Africa.....           | 920,920          | 10,200,000         |
| <b>FRENCH AFRICA:</b> Algeria, Senegal, French Soudan and the Niger, Gaboon and Guinea Coast, Congo Region, Somali Coast, Madagascar and Islands.....                                                                                                                                                                   | 1,232,454 | 18,073,890  | <b>ITALIAN AFRICA:</b> Eritrea, Somaliland.....                                          | 278,500          | 850,000            |
|                                                                                                                                                                                                                                                                                                                         |           |             | <b>PORTUGUESE AFRICA:</b> Angola, the Congo, Guinea, East Africa and Islands.....        | 735,304          | 4,431,970          |
|                                                                                                                                                                                                                                                                                                                         |           |             | <b>SPANISH AFRICA:</b> Rio de Oro, Adrar, Fernando Po and Islands..                      | 243,877          | 136,000            |
|                                                                                                                                                                                                                                                                                                                         |           |             | <b>TURKISH AFRICA:</b> Tripoli and the Mediterranean Coast, Egypt*..                     | 798,738          | 8,117,265          |
|                                                                                                                                                                                                                                                                                                                         |           |             | <b>CONGO INDEPENDENT STATE.</b> (Under the sovereignty of the King of the Belgians)..... | 900,000          | 30,000,000         |
|                                                                                                                                                                                                                                                                                                                         |           |             | <b>Total.....</b>                                                                        | <b>7,865,013</b> | <b>114,541,729</b> |

\* Egypt and the Egyptian Soudan, although nominally under the suzerainty of Turkey, are really controlled by Great Britain, and it is only a matter of time as to when they will be incorporated into the British Empire. Adding Egypt and the Soudan to the Empire would increase the figures above given to 2,985,220 square miles and 47,952,877 population.

The remaining territory of Africa unoccupied is a part of the great Desert of Sahara and the Independent States of Abyssinia and Liberia. Even this territory, except the last, is destined to pass under the power of the Europeans. The tabular figures are from "The Statesman's Year-Book."

Egyptian (British) and French territory in the Soudan, according to British claims, touch along the line of the 27th degree of latitude. Prior to the revolt of the Mahdi in 1882 Egypt claimed Darfar, Kordofan, Senaar, Taka, the Equatorial Province, and the Bah-el-Ghazal Province. Though authority over these was lost by the success of the Mahdi, Egypt did not relinquish her claim, and her full authority was resumed by the victories of General Kitchener in 1898. The French were disposed to dispute these claims and assert a right to territory as far east as the banks of the Nile, thus covering the Bah-el-Ghazal Province. Hence the appearance of Major Marchand at Fashoda on the Nile, many miles south of Khartoum. But this position the French have now abandoned.

The two Boer republics have, as the result of the recent war, been annexed to the British Crown under the names of the Transvaal Colony and the Orange River Colony. The administration is carried on under the Governor, who is assisted by an Executive Council, and the general aim is to provide a constitution under which self-government may be granted as soon as circumstances will permit. Municipalities, with the usual powers for local administration, exist at Pretoria, Johannesburg, Bloemfontein, and other centres. Local laws, customs, and conditions will be respected, and in appointments to administrative offices preference will be given to men born in the colonies. Under the title of Rhodesia is included the whole region lying between the north and west of the Transvaal and the 22d degree of south latitude and the southern boundaries of the Congo Free State, and having for its eastern and western boundaries the Portuguese and German spheres.

## Largest Cities of the Earth.

POPULATION ACCORDING TO THE LATEST OFFICIAL CENSUSES.

| CITIES.             | Cen-<br>sus<br>Year. | Popula-<br>tion. | CITIES.                 | Cen-<br>sus<br>Year. | Popula-<br>tion. | CITIES.             | Cen-<br>sus<br>Year. | Popula-<br>tion. |
|---------------------|----------------------|------------------|-------------------------|----------------------|------------------|---------------------|----------------------|------------------|
| London*             | 1901                 | 4,536,063        | Montevideo              | 1901                 | 268,331          | Adelaide†           | 1899                 | 143,844          |
| New York            | 1900                 | 3,437,202        | West Ham, England...    | 1901                 | 267,308          | Toulouse            | 1901                 | 147,691          |
| Paris               | 1901                 | 2,660,559        | Montreal                | 1901                 | 266,826          | St. Etienne         | 1901                 | 146,671          |
| Berlin              | 1900                 | 1,888,326        | Lucknow                 | 1901                 | 263,951          | Sunderland          | 1901                 | 146,565          |
| Chicago             | 1900                 | 1,698,575        | Nuremberg               | 1900                 | 261,022          | Seville             | 1897                 | 146,205          |
| Vienna              | 1901                 | 1,674,985        | Bordeaux                | 1901                 | 257,471          | Bazdad              | est.                 | 145,000          |
| Canton              | est.                 | 1,600,000        | Riga                    | 1897                 | 255,197          | Abdeen              | est.                 | 143,722          |
| Tokio, Japan        | 1898                 | 1,440,121        | Teheran                 | est.                 | 250,000          | Dormund             | 1900                 | 142,417          |
| Philadelphia        | 1900                 | 1,297,067        | K. v. v.                | 1897                 | 247,432          | Barmen              | est.                 | 141,948          |
| St. Petersburg      | 1897                 | 1,267,223        | Newark                  | 1900                 | 246,070          | Danzig              | 1900                 | 140,539          |
| Constantinople      | est.                 | 1,125,000        | Nagoya                  | 1898                 | 244,145          | Damascus            | est.                 | 140,500          |
| Calcutta            | 1901                 | 1,121,664        | Hull                    | 1901                 | 240,618          | Manheim             | 1900                 | 140,384          |
| Peking              | est.                 | 1,000,000        | Nottingham              | 1901                 | 239,753          | Fez, Morocco        | est.                 | 140,000          |
| Moscow              | 1897                 | 988,614          | Havana                  | 1899                 | 235,951          | Gratz               | 1901                 | 138,080          |
| Buenos Ayres        | 1901                 | 836,351          | Hanover                 | 1900                 | 235,666          | Oldham, England...  | 1901                 | 137,238          |
| Osaka               | 1898                 | 821,235          | Genoa                   | 1901                 | 234,800          | Saratov             | 1897                 | 137,109          |
| Bombay              | 1901                 | 770,843          | Bangkok                 | 1901                 | 232,326          | Va pa also          | 1900                 | 136,674          |
| Glasgow             | 1901                 | 735,906          | Mazieburg               | 1900                 | 229,653          | Aachen              | 1900                 | 135,235          |
| Buda-Pesth          | 1901                 | 732,322          | Kristiania              | 1900                 | 227,626          | Patna               | 1901                 | 135,172          |
| Hamburg             | 1900                 | 705,738          | Hong Kong               | 1891                 | 221,441          | Trieste             | 1901                 | 134,143          |
| Liverpool           | 1901                 | 684,947          | Salford                 | 1901                 | 220,956          | Croydon, England... | 1901                 | 133,885          |
| Warsaw              | 1897                 | 638,209          | Kobe, Japan             | 1898                 | 215,750          | Denver              | 1900                 | 133,859          |
| Bangkok             | est.                 | 600,000          | Lille                   | 1901                 | 215,431          | Toledo              | 1900                 | 131,822          |
| St. Louis           | 1900                 | 575,283          | Newcastle               | 1901                 | 214,803          | Kazan               | 1897                 | 131,508          |
| Cairo, Egypt        | 1897                 | 570,062          | Dusseldorf              | 1900                 | 213,767          | Goteborg            | 1901                 | 130,619          |
| Naples              | 1901                 | 563,731          | The Hague               | 1901                 | 212,211          | Allegheny           | 1900                 | 129,896          |
| Brussels†           | 1901                 | 551,782          | Leicester               | 1901                 | 211,574          | Le Havre            | 1901                 | 129,014          |
| Boston              | 1900                 | 550,822          | St. Louis               | 1900                 | 209,000          | Nantes              | 1901                 | 128,349          |
| Rio de Janeiro      | 1890                 | 543,969          | Delhi                   | 1901                 | 208,385          | Brunswick           | 1900                 | 128,306          |
| Birmingham, England | 1901                 | 522,182          | Toronto                 | 1901                 | 207,971          | Blackburn           | 1901                 | 127,527          |
| Amsterdam           | 1901                 | 521,602          | Chemnitz                | 1900                 | 206,584          | Al-ppo              | est.                 | 127,150          |
| Madrid              | 1897                 | 512,150          | Jersey City             | 1900                 | 206,433          | Malaga              | 1897                 | 125,579          |
| Barcelona           | 1897                 | 509,589          | Florence                | 1901                 | 204,950          | Columbus            | 1900                 | 125,560          |
| Madras              | 1901                 | 504,397          | Valencia                | 1897                 | 204,768          | Nice                | 1901                 | 125,099          |
| Baltimore           | 1900                 | 508,937          | Louisville              | 1900                 | 201,731          | Roubaix             | 1896                 | 124,660          |
| Munich              | 1901                 | 499,959          | Benares                 | 1901                 | 203,095          | Nagpur              | 1901                 | 124,599          |
| Marseilles          | 1901                 | 494,769          | Hinneapolis             | 1900                 | 202,718          | Brighton            | 1901                 | 123,478          |
| Millbourne          | 1901                 | 493,956          | Smyrna                  | est.                 | 201,000          | Srinagar            | 1901                 | 122,536          |
| Milan               | 1901                 | 491,640          | Seoul, Korea            | est.                 | 201,000          | Heroshima           | 1898                 | 122,306          |
| Copenhagen          | 1901                 | 476,060          | Cawnpore                | est.                 | 197,000          | Yekaterinoslav      | 1897                 | 121,216          |
| Rome                | 1901                 | 463,000          | Yokohama                | 1898                 | 193,752          | Lahore              | 1900                 | 120,058          |
| Leipzig             | 1900                 | 455,089          | Charlottenburg, Prussia | 1890                 | 189,290          | Bozota              | 1886                 | 120,000          |
| Lyons               | 1901                 | 453,145          | Portsmouth, England     | 1901                 | 189,160          | Rostov-on-Don       | 1897                 | 119,889          |
| Sydney              | 1900                 | 451,000          | Agra                    | 1901                 | 188,300          | Essen, Germany      | 1900                 | 118,863          |
| Haidarabad†         | 1901                 | 446,291          | Konigsberg              | 1900                 | 187,897          | Beirut              | est.                 | 118,800          |
| Leeds               | 1901                 | 428,953          | Mandelay                | 1901                 | 185,498          | Worcester           | 1900                 | 118,421          |
| Breslau             | 1900                 | 428,738          | Tarbiz                  | 1881                 | 180,000          | Surat               | 1901                 | 118,364          |
| Odessa              | 1897                 | 405,041          | Stuttgart               | 1900                 | 176,318          | Barilly             | 1901                 | 117,433          |
| Mexico City         | 1900                 | 402,000          | Allahabad               | 1901                 | 175,748          | Posen               | 1900                 | 117,014          |
| Dresden             | 1900                 | 395,349          | Providence              | 1900                 | 175,597          | Merut               | 1901                 | 116,642          |
| Cleveland           | 1900                 | 381,768          | Kharkov                 | 1897                 | 174,846          | Ronen               | 1901                 | 115,914          |
| Sheffield           | 1901                 | 380,717          | Bahia                   | 1890                 | 174,412          | Karachi             | 1901                 | 115,407          |
| Shanghai            | est.                 | 380,000          | Liege                   | 1901                 | 173,708          | Preston             | 1901                 | 112,982          |
| Dublin†             | 1901                 | 379,861          | Oporto                  | 1901                 | 172,421          | Astrakhan           | 1897                 | 112,880          |
| Cologne             | 1900                 | 372,229          | Indianapolis            | 1900                 | 169,164          | Rosario, Argentina  | 1901                 | 112,461          |
| Lisbon              | 1900                 | 357,000          | Bolton                  | 1901                 | 168,205          | Norwich             | 1901                 | 111,728          |
| Kioto               | 1898                 | 353,159          | Cardiff                 | 1901                 | 164,420          | Pernambuco          | 1890                 | 111,556          |
| Buffalo             | 1900                 | 345,359          | Kansas City, Mo.        | 1900                 | 163,752          | Athens              | 1896                 | 111,486          |
| Belfast             | 1901                 | 345,876          | Bremen                  | 1900                 | 163,418          | Poonah†             | 1901                 | 111,338          |
| San Francisco       | 1900                 | 342,782          | St. Paul                | 1900                 | 163,065          | Tula                | 1897                 | 111,048          |
| Turin               | 1901                 | 335,639          | Rochester               | 1900                 | 162,608          | Bas e               | 1901                 | 111,009          |
| Rotterdam           | 1901                 | 332,185          | Amritsar                | 1901                 | 162,548          | Birkenhead          | 1901                 | 110,926          |
| Bristol, England    | 1901                 | 328,842          | Altona, Germany         | 1900                 | 161,507          | Gathead             | 1901                 | 109,882          |
| Cincinnati          | 1900                 | 325,902          | Ghent                   | 1900                 | 160,949          | Brun                | 1901                 | 109,346          |
| Pittsburgh          | 1900                 | 321,616          | Dundee                  | 1901                 | 160,871          | Kishinev            | 1897                 | 108,796          |
| Alexandria          | 1897                 | 319,766          | Lemberg                 | 1901                 | 159,877          | Murcia, Spain       | 1897                 | 108,408          |
| Edinburgh           | 1901                 | 316,479          | Jafpur                  | 1901                 | 159,550          | Syracuse            | 1900                 | 108,374          |
| London              | 1899                 | 295,071          | Bangalore               | 1901                 | 158,000          | New Haven           | 1900                 | 108,027          |
| Palermo             | 1901                 | 310,352          | Colombo, Ceylon         | 1901                 | 158,093          | Kiel, Germany       | 1900                 | 107,938          |
| Stockholm           | 1900                 | 304,624          | Howrah                  | 1901                 | 157,847          | Reims               | 1901                 | 107,773          |
| Manila              | 1902                 | 297,154          | Elberfeld               | 1900                 | 156,937          | Plymouth            | 1901                 | 107,509          |
| Santiago, Chile     | 1901                 | 291,725          | Halle-on-Salle          | 1900                 | 156,611          | Nagasaki            | 1893                 | 107,492          |
| Frankfort-on-Main   | 1900                 | 288,489          | Vilna                   | 1897                 | 154,532          | Krefeld             | 1900                 | 106,628          |
| New Orleans         | 1900                 | 287,104          | Tunis                   | est.                 | 153,000          | Kassel, Germany     | 1900                 | 106,001          |
| Detroit             | 1900                 | 285,704          | Zurich                  | 1901                 | 152,942          | Derby               | 1901                 | 105,785          |
| Antwerp             | 1900                 | 285,000          | Bologna                 | 1901                 | 152,009          | Madura              | 1901                 | 105,501          |
| Milwaukee           | 1901                 | 285,315          | Venice                  | 1901                 | 151,841          | Paterson, N. J.     | 1900                 | 105,171          |
| Bucharest           | 1899                 | 284,071          | Sivaburg                | 1901                 | 150,728          | Geneva              | 1901                 | 105,139          |
| Bradford            | 1901                 | 279,809          | Messina                 | 1901                 | 149,823          | Fall River, Mass.   | 1900                 | 104,863          |
| Washington          | 1900                 | 278,718          | Catania                 | 1901                 | 149,694          | St. Joseph, Mo.     | 1900                 | 102,799          |

\* Population of Greater London (metropolitan and city police districts), 6,540,616. † With suburbs.

NOTE.—The population of Chinese cities other than Canton, Peking, and Shanghai is omitted, because reports respecting it are utterly untrustworthy. There are forty or more Chinese cities whose inhabitants are numbered by rumor at from 200,000 to 1,000,000 each, but no official censuses have ever been taken; and setting aside consideration of the Oriental tendency to exaggeration, there is reason to believe that the estimates of population in many instances covered districts of country bearing the same names as the cities, instead of definite municipalities.

## Population of the United States, AT EACH CENSUS FROM 1790 TO 1900.

| STATES AND TERRITORIES. | 1820.     | 1830.      | 1840.      | 1850.      | 1860.      | 1870.      | 1880.      | 1890.      | 1900.      |
|-------------------------|-----------|------------|------------|------------|------------|------------|------------|------------|------------|
| Alabama.....            | 127,901   | 309,527    | 590,756    | 771,623    | 964,201    | 996,992    | 1,262,595  | 1,513,017  | 1,898,697  |
| Alaska.....             | .....     | .....      | .....      | .....      | .....      | .....      | .....      | .....      | 63,592     |
| Arizona.....            | .....     | .....      | .....      | .....      | .....      | 9,658      | 40,440     | 59,620     | 122,921    |
| Arkansas.....           | 14,356    | 30,388     | 97,574     | 209,897    | 495,450    | 484,471    | 802,525    | 1,198,179  | 1,311,564  |
| California.....         | .....     | .....      | .....      | 92,597     | 379,994    | 560,247    | 864,894    | 1,208,130  | 1,495,053  |
| Colorado.....           | .....     | .....      | .....      | .....      | 34,277     | 39,894     | 194,327    | 419,198    | 589,700    |
| Connecticut.....        | 275,148   | 297,675    | 309,978    | 370,792    | 460,147    | 537,454    | 632,700    | 746,258    | 908,420    |
| Dakota.....             | .....     | .....      | .....      | .....      | 4,857      | 14,181     | 135,177    | .....      | .....      |
| Delaware.....           | 72,749    | 76,748     | 78,085     | 91,532     | 112,216    | 125,015    | 146,805    | 168,493    | 184,795    |
| D. of Columbia.....     | 32,039    | 39,834     | 43,712     | 51,687     | 75,080     | 131,700    | 177,624    | 230,392    | 274,718    |
| Florida.....            | .....     | 34,730     | 54,477     | 87,445     | 140,424    | 187,748    | 269,493    | 391,422    | 528,542    |
| Georgia.....            | 340,985   | 516,823    | 691,392    | 906,185    | 1,057,286  | 1,184,109  | 1,542,180  | 1,837,353  | 2,166,331  |
| Hawaii.....             | .....     | .....      | .....      | .....      | .....      | .....      | .....      | .....      | 154,001    |
| Idaho.....              | .....     | .....      | .....      | .....      | .....      | 14,999     | 32,610     | 84,385     | 161,772    |
| Illinois.....           | 55,162    | 157,445    | 476,183    | 851,470    | 1,711,951  | 2,539,891  | 3,077,871  | 3,826,351  | 4,821,550  |
| Indiana.....            | 147,178   | 343,031    | 685,866    | 988,416    | 1,350,428  | 1,680,657  | 1,978,301  | 2,192,404  | 2,516,462  |
| Indian Territory.....   | .....     | .....      | .....      | .....      | .....      | .....      | .....      | .....      | 392,060    |
| Iowa.....               | .....     | .....      | 43,112     | 192,214    | 674,913    | 1,194,020  | 1,624,615  | 1,911,896  | 2,231,853  |
| Kansas.....             | .....     | .....      | .....      | 107,206    | 364,399    | 664,399    | 996,096    | 1,470,495  | 1,898,697  |
| Kentucky.....           | 564,135   | 687,917    | 779,828    | 982,405    | 1,155,684  | 1,321,011  | 1,648,690  | 1,858,635  | 2,147,174  |
| Louisiana.....          | 152,923   | 215,739    | 352,411    | 517,762    | 708,002    | 726,915    | 939,946    | 1,118,587  | 1,391,625  |
| Maine.....              | 298,269   | 339,455    | 501,793    | 583,169    | 628,279    | 628,915    | 648,936    | 661,086    | 684,266    |
| Maryland.....           | 407,350   | 447,040    | 470,019    | 583,034    | 687,049    | 780,894    | 934,943    | 1,042,390  | 1,188,044  |
| Massachusetts.....      | 523,159   | 610,408    | 737,699    | 994,514    | 1,231,066  | 1,457,351  | 1,783,085  | 2,238,943  | 2,805,346  |
| Michigan.....           | 8,765     | 31,639     | 212,267    | 397,654    | 749,113    | 1,184,059  | 1,636,937  | 2,003,889  | 2,420,982  |
| Minnesota.....          | .....     | .....      | .....      | 6,077      | 172,023    | 439,706    | 780,773    | 1,301,826  | 1,751,394  |
| Mississippi.....        | 75,448    | 136,621    | 375,651    | 606,526    | 791,305    | 827,922    | 1,131,597  | 1,289,600  | 1,561,270  |
| Missouri.....           | 66,557    | 140,455    | 383,702    | 682,044    | 1,182,012  | 1,721,285  | 2,168,380  | 2,679,184  | 3,106,665  |
| Montana.....            | .....     | .....      | .....      | .....      | .....      | 20,565     | 39,159     | 132,159    | 243,329    |
| Nebraska.....           | .....     | .....      | .....      | .....      | 28,841     | 122,963    | 452,402    | 1,058,910  | 1,066,300  |
| Nevada.....             | .....     | .....      | .....      | .....      | 6,887      | 42,491     | 62,266     | 45,761     | 42,355     |
| New Hampshire.....      | 244,022   | 269,328    | 284,574    | 317,976    | 326,073    | 318,300    | 346,991    | 376,530    | 411,588    |
| New Jersey.....         | 277,426   | 320,823    | 373,306    | 489,555    | 672,035    | 906,096    | 1,131,116  | 1,444,933  | 1,833,669  |
| New Mexico.....         | .....     | .....      | .....      | .....      | 93,516     | 91,874     | 119,565    | 153,593    | 195,310    |
| New York.....           | 1,372,111 | 1,918,608  | 2,428,921  | 3,097,334  | 3,880,735  | 4,382,759  | 5,082,871  | 5,997,853  | 7,288,894  |
| North Carolina.....     | 638,829   | 737,987    | 753,419    | 869,039    | 992,622    | 1,071,361  | 1,399,750  | 1,617,947  | 1,983,810  |
| North Dakota.....       | .....     | .....      | .....      | .....      | .....      | .....      | .....      | 182,719    | 319,146    |
| Ohio.....               | 581,295   | 937,903    | 1,519,467  | 1,980,329  | 2,339,511  | 2,665,290  | 3,198,062  | 3,672,316  | 4,157,545  |
| Oklahoma.....           | .....     | .....      | .....      | .....      | .....      | .....      | .....      | 61,834     | 398,331    |
| Oregon.....             | .....     | .....      | .....      | 13,294     | 52,465     | 90,923     | 174,768    | 313,767    | 413,536    |
| Pennsylvania.....       | 1,047,507 | 1,349,323  | 1,724,033  | 2,311,786  | 2,906,215  | 3,521,951  | 4,282,891  | 5,258,014  | 6,302,115  |
| Rhode Island.....       | 83,015    | 97,199     | 108,830    | 147,545    | 174,620    | 217,353    | 276,531    | 345,506    | 428,556    |
| South Carolina.....     | 502,741   | 581,156    | 594,398    | 668,507    | 703,708    | 705,606    | 995,577    | 1,151,149  | 1,340,316  |
| South Dakota.....       | .....     | .....      | .....      | .....      | .....      | .....      | .....      | 328,808    | 401,570    |
| Tennessee.....          | 423,771   | 581,904    | 829,210    | 1,002,717  | 1,109,801  | 1,258,520  | 1,542,359  | 1,767,518  | 2,020,616  |
| Texas.....              | .....     | .....      | .....      | 212,592    | 604,215    | 818,379    | 1,591,749  | 2,235,523  | 3,048,710  |
| Utah.....               | .....     | .....      | .....      | 11,380     | 40,273     | 86,786     | 133,263    | 207,905    | 276,749    |
| Vermont.....            | 235,966   | 280,652    | 291,948    | 314,120    | 315,098    | 330,551    | 342,286    | 352,422    | 343,641    |
| Virginia.....           | 1,065,116 | 1,211,405  | 1,359,797  | 1,421,661  | 1,596,318  | 1,235,153  | 1,512,565  | 1,655,980  | 1,854,184  |
| Washington.....         | .....     | .....      | .....      | .....      | 11,594     | 23,956     | 75,116     | 349,380    | 518,103    |
| West Virginia.....      | .....     | .....      | .....      | .....      | .....      | .....      | .....      | 762,704    | 958,800    |
| Wisconsin.....          | .....     | .....      | 30,945     | 305,391    | 775,881    | 1,054,670  | 1,315,497  | 1,686,880  | 2,069,042  |
| Wyoming.....            | .....     | .....      | .....      | .....      | .....      | 9,118      | 20,789     | 60,705     | 92,531     |
| Total.....              | 9,633,822 | 12,866,020 | 17,069,453 | 23,191,876 | 31,443,321 | 38,557,371 | 50,155,738 | 62,222,250 | 76,305,387 |

Population Continental United States (including Alaska), 76,149,386; Philippines, 6,961,339; Porto Rico, 953,243; Hawaii, 154,001; Guam, 9,000; American Samoa, 6,100. Total population, 84,253,069.

\* The inhabitants of Alaska and the Indian Territory are not included in the enumeration of 1830. The population of Alaska in 1890 was 30,329; of the Indian Territory, 179,321. Total population of the United States in 1890, 62,831,900. The inhabitants of Alaska were not included in the enumeration of 1880. The population was 33,426. Total population of the United States in 1880, 50,189,209.

† Includes 91,219 persons in the military and naval service of the United States (including civilian employes, etc.) stationed abroad, not credited to any State or Territory.

POPULATION: CENSUS OF 1790.—Connecticut, 237,946; Delaware, 59,096; Georgia, 82,548; Kentucky, 73,677; Maine, 298,269; Maryland, 319,728; Massachusetts, 378,787; New Hampshire, 141,885; New Jersey, 184,139; New York, 340,120; North Carolina, 393,751; Pennsylvania, 434,373; Rhode Island, 68,825; South Carolina, 249,073; Tennessee, 35,691; Vermont, 85,425; Virginia, 747,610. Total U. S., 3,929,214.

POPULATION: CENSUS OF 1800.—Connecticut, 251,002; Delaware, 64,273; District of Columbia, 14,093; Georgia, 162,686; Indiana, 5,641; Kentucky, 220,955; Maine, 151,719; Maryland, 341,548; Massachusetts, 422,845; Mississippi, 8,550; New Hampshire, 183,858; New Jersey, 211,149; New York, 589,051; North Carolina, 478,103; Ohio, 45,365; Pennsylvania, 602,365; Rhode Island, 69,122; South Carolina, 345,591; Tennessee, 105,602; Vermont, 154,465; Virginia, 890,200. Total U. S., 5,308,483.

POPULATION: CENSUS OF 1810.—Connecticut, 261,942; Delaware, 72,674; District of Columbia, 24,023; Georgia, 252,433; Illinois, 12,282; Indiana, 24,520; Kentucky, 406,511; Louisiana, 76,556; Maine, 1,238,705; Maryland, 380,546; Massachusetts, 472,040; Michigan, 4,762; Mississippi, 40,352; Missouri, 20,845; New Hampshire, 214,460; New Jersey, 245,562; New York, 959,049; North Carolina, 555,500; Ohio, 230,760; Pennsylvania, 810,091; Rhode Island, 76,391; South Carolina, 415,115; Tennessee, 261,727; Vermont, 217,895; Virginia, 974,600. Total U. S., 7,229,831. † Maine a part of Massachusetts until admitted in 1820.

POPULATION PRIOR TO 1790 (according to Bancroft): 1688, 200,000; 1714, 434,600; 1727, 580,000; 1750, 1,260,000; 1754, 1,425,000; 1760, 1,695,000; 1770, 2,312,000; 1780, 2,945,000 (2,383,000 white, 562,000 colored).

Population of the United States,

ACCORDING TO SEX, NATIVITY, AND COLOR.

(Compiled from the Reports of the Census of 1900.)

| STATES AND TERRITORIES. | Males.     | Females.   | Native Born. | Foreign Born. | Whites.    | Negroes.* | Chinese. | Japanese. | Indians.† |
|-------------------------|------------|------------|--------------|---------------|------------|-----------|----------|-----------|-----------|
| Alabama                 | 916,764    | 911,933    | 1,814,105    | 14,592        | 1,001,152  | 827,307   | 58       | 3         | 177       |
| Alaska                  | 45,872     | 17,720     | 50,931       | 12,661        | 30,507     | 168       | 3,116    | 265       | 29,536    |
| Arizona                 | 71,795     | 51,136     | 98,698       | 24,233        | 92,903     | 1,848     | 1,419    | 281       | 26,480    |
| Arkansas                | 675,812    | 636,252    | 1,297,275    | 14,289        | 944,580    | 366,866   | 62       | ...       | 66        |
| California              | 820,531    | 664,522    | 1,117,813    | 367,240       | 1,402,727  | 11,045    | 45,753   | 10,151    | 15,377    |
| Colorado                | 295,332    | 244,368    | 448,545      | 91,155        | 529,406    | 8,570     | 599      | 48        | 1,437     |
| Connecticut             | 454,294    | 454,126    | 670,210      | 238,210       | 892,424    | 15,236    | 599      | 18        | 1,633     |
| Delaware                | 94,158     | 90,577     | 170,925      | 13,810        | 153,977    | 30,697    | 51       | 1         | 9         |
| District of Columbia    | 132,004    | 146,714    | 258,569      | 20,119        | 191,532    | 86,702    | 455      | 7         | 22        |
| Florida                 | 275,246    | 255,296    | 504,710      | 23,832        | 297,333    | 230,730   | 120      | 1         | 358       |
| Georgia                 | 1,113,201  | 1,113,130  | 2,205,928    | 12,403        | 1,181,294  | 1,034,813 | 204      | 1         | 19        |
| Hawaii                  | 106,369    | 47,632     | 63,221       | 90,780        | 66,890     | 233       | 25,767   | 61,111    | ...       |
| Idaho                   | 93,367     | 68,405     | 137,168      | 24,604        | 154,495    | 293       | 1,467    | 1,291     | 4,226     |
| Illinois                | 2,472,782  | 2,548,768  | 3,854,803    | 966,747       | 4,734,873  | 85,078    | 1,503    | 80        | 16        |
| Indiana                 | 1,265,404  | 1,231,058  | 2,374,341    | 142,121       | 2,458,502  | 57,505    | 207      | 5         | 243       |
| Indian Territory        | 208,952    | 183,108    | 387,202      | 4,858         | 302,680    | 36,853    | 27       | ...       | 52,500    |
| Iowa                    | 1,156,849  | 1,075,004  | 1,925,933    | 305,920       | 2,218,667  | 12,693    | 104      | 7         | 382       |
| Kansas                  | 768,716    | 701,779    | 1,343,810    | 126,685       | 1,416,319  | 52,003    | 39       | 4         | 2,130     |
| Kentucky                | 1,090,227  | 1,056,947  | 2,096,925    | 50,249        | 1,862,309  | 294,706   | 57       | ...       | 102       |
| Louisiana               | 694,733    | 686,832    | 1,328,722    | 52,963        | 729,612    | 650,804   | 599      | 17        | 593       |
| Maine                   | 550,995    | 543,471    | 601,136      | 93,330        | 695,226    | 1,319     | 119      | 4         | 798       |
| Maryland                | 589,275    | 598,769    | 1,094,110    | 93,934        | 952,424    | 235,064   | 544      | 9         | 3         |
| Massachusetts           | 1,367,474  | 1,437,872  | 1,959,322    | 846,324       | 2,789,764  | 31,974    | 2,968    | 53        | 587       |
| Michigan                | 1,248,945  | 1,172,077  | 1,879,329    | 641,653       | 2,298,563  | 15,815    | 340      | 59        | 6,354     |
| Minnesota               | 932,490    | 818,904    | 1,246,078    | 505,318       | 1,737,038  | 4,959     | 166      | 51        | 9,182     |
| Mississippi             | 781,451    | 769,819    | 1,543,278    | 7,981         | 641,200    | 907,630   | 297      | ...       | 2,203     |
| Missouri                | 1,595,710  | 1,510,955  | 2,890,286    | 216,379       | 2,944,843  | 161,234   | 449      | 9         | 130       |
| Montana                 | 149,842    | 93,487     | 176,262      | 67,067        | 226,283    | 1,523     | 1,739    | 2,441     | 11,843    |
| Nebraska                | 564,592    | 501,708    | 888,593      | 177,347       | 1,056,526  | 6,289     | 180      | 3         | 3,322     |
| Nevada                  | 35,603     | 16,732     | 32,242       | 10,093        | 35,405     | 134       | 1,352    | 228       | 5,216     |
| New Hampshire           | 205,379    | 206,209    | 323,481      | 88,107        | 410,791    | 662       | 112      | 1         | 22        |
| New Jersey              | 941,760    | 941,909    | 1,451,785    | 431,884       | 1,812,317  | 69,844    | 1,393    | 52        | 63        |
| New Mexico              | 104,228    | 91,082     | 181,695      | 13,625        | 180,207    | 1,610     | 341      | 8         | 12,144    |
| New York                | 8,614,780  | 8,654,114  | 5,368,469    | 1,900,425     | 7,156,881  | 99,232    | 7,170    | 354       | 5,257     |
| North Carolina          | 938,677    | 955,133    | 1,898,318    | 4,492         | 1,263,603  | 624,469   | 51       | ...       | 5,687     |
| North Dakota            | 177,493    | 141,653    | 206,055      | 113,091       | 311,712    | 296       | 32       | 148       | 6,968     |
| Ohio                    | 2,102,655  | 2,054,890  | 3,899,811    | 458,734       | 4,060,204  | 96,901    | 371      | 27        | 42        |
| Oklahoma                | 214,959    | 188,972    | 382,651      | 15,880        | 267,524    | 18,331    | 31       | ...       | 11,945    |
| Oregon                  | 232,985    | 180,551    | 347,788      | 65,748        | 394,592    | 1,105     | 10,397   | 2,501     | 4,931     |
| Pennsylvania            | 3,204,541  | 3,097,574  | 5,216,865    | 985,250       | 6,141,664  | 156,845   | 1,927    | 40        | 1,639     |
| Rhode Island            | 210,516    | 218,040    | 294,037      | 134,519       | 419,050    | 9,092     | 366      | 13        | 35        |
| South Carolina          | 664,895    | 675,421    | 1,334,788    | 5,528         | 557,807    | 782,321   | 67       | ...       | 121       |
| South Dakota            | 216,164    | 185,406    | 313,062      | 88,508        | 380,714    | 465       | 165      | 1         | 20,225    |
| Tennessee               | 1,021,224  | 999,392    | 2,002,870    | 17,746        | 1,540,186  | 480,243   | 75       | 4         | 108       |
| Texas                   | 1,578,900  | 1,469,810  | 2,369,353    | 179,357       | 2,426,669  | 620,722   | 826      | 13        | 4,720     |
| Utah                    | 141,687    | 135,062    | 222,972      | 53,777        | 272,465    | 672       | 572      | 417       | 2,633     |
| Vermont                 | 175,138    | 168,508    | 298,934      | 44,747        | 342,771    | 826       | 39       | ...       | 5         |
| Virginia                | 925,897    | 928,287    | 1,834,723    | 19,461        | 1,192,855  | 660,722   | 243      | 10        | 354       |
| Washington              | 304,178    | 213,925    | 406,739      | 111,364       | 496,304    | 2,514     | 3,629    | 5,617     | 10,039    |
| West Virginia           | 499,262    | 459,558    | 996,349      | 22,451        | 915,233    | 43,499    | 56       | ...       | 12        |
| Wisconsin               | 1,067,562  | 1,001,480  | 1,553,071    | 515,971       | 2,067,911  | 2,542     | 212      | 5         | 8,372     |
| Wyoming                 | 58,184     | 34,347     | 75,116       | 17,415        | 89,051     | 940       | 461      | 393       | 1,686     |
| Total                   | 39,059,242 | 37,244,145 | 65,843,302   | 10,460,085    | 66,990,802 | 8,840,789 | 119,050  | 85,986    | 266,760   |

\* Including all persons of negro descent. † Including Indians taxed and not taxed.

TABLE SHOWING INCREASE IN SEX, NATIVITY, AND COLOR 1890 TO 1900.

|                       | AGGREGATES. |            | PER CENT. |       | INCREASE.  |           |
|-----------------------|-------------|------------|-----------|-------|------------|-----------|
|                       | 1900.       | 1890.      | 1900.     | 1890. | Number.    | Per cent. |
| Total population..... | 76,303,387  | 63,069,756 | 100.0     | 100.0 | 13,233,631 | 21.0      |
| Males.....            | 39,059,242  | 32,315,063 | 51.2      | 51.2  | 6,744,179  | 20.9      |
| Females.....          | 37,244,145  | 30,754,693 | 48.8      | 48.8  | 6,489,452  | 21.1      |
| Native born.....      | 65,843,302  | 53,761,665 | 86.3      | 85.2  | 12,081,637 | 22.5      |
| Foreign born.....     | 10,460,085  | 9,308,091  | 13.7      | 14.8  | 1,151,994  | 12.4      |
| White.....            | 66,990,802  | 55,166,184 | 87.8      | 87.5  | 11,824,618 | 21.4      |
| Colored.....          | 9,312,585   | 7,903,572  | 12.2      | 12.5  | 1,409,013  | 17.8      |
| Native white.....     | 56,740,739  | 46,030,105 | 74.4      | 73.0  | 10,710,634 | 23.3      |
| Native parents.....   | 41,053,417  | 34,514,450 | 53.8      | 54.7  | 6,538,967  | 18.9      |
| Foreign parents.....  | 15,687,322  | 11,515,655 | 20.6      | 18.3  | 4,171,667  | 36.2      |
| Foreign white.....    | 10,250,063  | 9,136,079  | 13.4      | 14.5  | 1,113,984  | 12.2      |
| Negro.....            | 8,840,789   | 7,488,788  | 11.6      | 11.9  | 1,352,001  | 18.1      |
| Chinese.....          | 119,050     | 126,778    | 0.2       | 0.2   | 77,528     | 66.1      |
| Japanese.....         | 85,986      | 14,399     | 0.1       | (1)   | 71,587     | 497.2     |
| Indian.....           | 266,760     | 273,607    | 0.3       | 0.4   | 6,847      | 62.5      |

‡ Decrease. † Less than one-tenth of 1 per cent.



## Population of the United States,

ACCORDING TO SCHOOL AGE AND VOTING AGE.

(Compiled from the Reports of the Census of 1900.)

| STATES AND TERRITORIES. | SCHOOL AGE.           |            |            | VOTING AGE. |              |               |            |           |              |
|-------------------------|-----------------------|------------|------------|-------------|--------------|---------------|------------|-----------|--------------|
|                         | FIVE TO TWENTY YEARS. |            |            | Total.      | Native Born. | Foreign Born. | Whites.    | Negroes.  | Illiterates. |
|                         | Total.                | Whites.    | Negroes. † |             |              |               |            |           |              |
| Alabama                 | 733,222               | 394,152    | 338,980    | 413,862     | 405,598      | 8,264         | 282,294    | 181,471   | 139,649      |
| Alaska                  | 11,408                | 1,718      | 10         | 37,956      | 26,489       | 11,467        | 25,953     | 141       | 10,735       |
| Arizona                 | 38,868                | 28,371     | 865        | 44,081      | 30,306       | 13,775        | 34,911     | 1,084     | 10,533       |
| Arkansas                | 529,375               | 380,815    | 148,534    | 313,896     | 305,464      | 8,432         | 226,597    | 87,157    | 62,615       |
| California              | 420,081               | 405,868    | 3,225      | 544,087     | 318,817      | 225,270       | 489,545    | 3,711     | 33,608       |
| Colorado                | 160,531               | 157,752    | 2,043      | 185,708     | 133,935      | 51,773        | 181,616    | 3,216     | 7,689        |
| Connecticut             | 257,101               | 252,760    | 4,272      | 290,340     | 173,248      | 107,092       | 375,156    | 4,576     | 18,984       |
| Delaware                | 59,635                | 48,782     | 10,849     | 54,018      | 47,202       | 6,816         | 45,592     | 8,374     | 7,538        |
| District of Columbia    | 77,291                | 51,212     | 26,046     | 83,823      | 73,722       | 10,101        | 60,318     | 23,072    | 7,052        |
| Florida                 | 197,600               | 110,537    | 86,908     | 139,601     | 127,865      | 11,736        | 61,493     | 31,417    | 30,849       |
| Georgia                 | 885,725               | 457,958    | 427,741    | 500,752     | 493,740      | 7,012         | 277,496    | 223,073   | 155,247      |
| Hawaii                  | 33,774                | 23,827     | 79         | 79,607      | 13,064       | 66,543        | 19,576     | 93        | 27,363       |
| Idaho                   | 54,964                | 53,261     | 69         | 53,932      | 38,185       | 15,747        | 50,338     | 130       | 2,936        |
| Illinois                | 1,589,915             | 1,565,606  | 24,238     | 1,401,456   | 932,574      | 468,882       | 1,370,209  | 29,762    | 67,481       |
| Indiana                 | 843,885               | 825,394    | 18,389     | 720,206     | 646,889      | 73,317        | 701,761    | 18,186    | 40,015       |
| Indian Territory        | 159,125               | 121,420    | 14,882     | 97,361      | 94,361       | 3,000         | 77,865     | 9,146     | 15,452       |
| Iowa                    | 767,870               | 763,785    | 3,912      | 635,298     | 477,273      | 158,025       | 630,665    | 4,441     | 17,031       |
| Kansas                  | 527,560               | 507,611    | 18,788     | 413,786     | 346,761      | 67,025        | 398,552    | 14,636    | 14,214       |
| Kentucky                | 798,027               | 693,455    | 104,512    | 543,996     | 518,772      | 25,224        | 469,206    | 74,728    | 102,528      |
| Louisiana               | 538,267               | 276,563    | 261,453    | 325,943     | 299,772      | 26,171        | 177,878    | 147,284   | 122,632      |
| Maine                   | 199,153               | 198,519    | 369        | 217,663     | 178,931      | 38,732        | 216,856    | 445       | 13,958       |
| Maryland                | 408,026               | 318,052    | 84,946     | 321,903     | 279,216      | 42,687        | 260,979    | 60,406    | 40,352       |
| Massachusetts           | 778,110               | 769,710    | 7,996      | 843,465     | 495,734      | 347,731       | 830,049    | 10,456    | 58,694       |
| Michigan                | 790,275               | 783,220    | 4,814      | 719,478     | 457,353      | 262,125       | 712,245    | 5,193     | 39,230       |
| Minnesota               | 612,990               | 608,547    | 1,063      | 506,794     | 245,768      | 261,026       | 502,384    | 2,168     | 20,785       |
| Mississippi             | 633,026               | 253,153    | 378,923    | 349,177     | 344,151      | 5,026         | 150,530    | 197,396   | 118,057      |
| Missouri                | 1,108,258             | 1,049,414  | 55,767     | 856,684     | 743,659      | 113,025       | 809,797    | 46,418    | 60,327       |
| Montana                 | 68,871                | 61,032     | 289        | 101,931     | 56,237       | 45,694        | 94,873     | 711       | 5,900        |
| Nebraska                | 386,384               | 383,229    | 1,781      | 301,091     | 209,961      | 91,130        | 297,817    | 4,111     | 17,031       |
| Nevada                  | 11,399                | 9,703      | 18         | 17,710      | 10,523       | 7,187         | 14,652     | 70        | 2,271        |
| New Hampshire           | 110,895               | 110,708    | 172        | 130,987     | 96,099       | 34,888        | 130,648    | 230       | 10,295       |
| New Jersey              | 573,923               | 553,230    | 19,585     | 555,608     | 357,447      | 198,161       | 532,750    | 21,474    | 38,305       |
| New Mexico              | 89,712                | 64,137     | 401        | 55,067      | 47,482       | 7,585         | 50,804     | 775       | 15,585       |
| New York                | 2,146,764             | 2,119,156  | 25,476     | 2,184,965   | 1,346,829    | 838,136       | 2,145,057  | 31,425    | 130,004      |
| North Carolina          | 753,826               | 490,782    | 260,755    | 417,578     | 415,048      | 2,530         | 299,263    | 127,114   | 122,658      |
| North Dakota            | 112,789               | 110,193    | 97         | 95,217      | 39,344       | 55,873        | 93,237     | 115       | 5,158        |
| Ohio                    | 1,338,345             | 1,308,510  | 29,804     | 1,212,223   | 985,969      | 226,254       | 1,180,599  | 31,235    | 58,698       |
| Oklahoma                | 147,656               | 135,910    | 7,106      | 109,191     | 100,528      | 8,663         | 101,543    | 4,827     | 6,479        |
| Oregon                  | 132,887               | 129,875    | 201        | 144,446     | 101,923      | 42,523        | 131,261    | 560       | 6,978        |
| Pennsylvania            | 2,031,171             | 1,988,430  | 43,394     | 1,817,239   | 1,330,099    | 487,140       | 1,763,882  | 51,668    | 139,982      |
| Rhode Island            | 124,646               | 122,223    | 2,403      | 127,144     | 72,920       | 54,224        | 124,001    | 2,765     | 11,675       |
| South Carolina          | 560,773               | 218,323    | 343,401    | 283,325     | 280,221      | 3,104         | 130,375    | 152,860   | 99,516       |
| South Dakota            | 147,165               | 140,461    | 134        | 112,081     | 67,079       | 45,002        | 107,353    | 184       | 5,442        |
| Tennessee               | 780,421               | 589,451    | 190,925    | 457,380     | 477,739      | 8,641         | 375,046    | 112,236   | 105,851      |
| Texas                   | 1,215,634             | 955,906    | 259,491    | 737,768     | 650,599      | 87,169        | 599,961    | 136,875   | 113,783      |
| Utah                    | 106,513               | 105,378    | 136        | 67,172      | 41,939       | 25,233        | 65,205     | 358       | 2,470        |
| Vermont                 | 98,614                | 98,357     | 255        | 108,556     | 87,465       | 20,991        | 108,027    | 289       | 8,544        |
| Virginia                | 704,771               | 435,612    | 268,962    | 447,815     | 436,389      | 11,426        | 301,379    | 146,122   | 113,353      |
| Washington              | 158,245               | 153,180    | 528        | 195,572     | 128,190      | 69,382        | 183,999    | 1,230     | 6,635        |
| West Virginia           | 356,471               | 341,687    | 14,823     | 247,970     | 235,036      | 12,934        | 233,129    | 14,786    | 32,066       |
| Wisconsin               | 730,685               | 726,950    | 662        | 570,715     | 313,188      | 257,527       | 667,213    | 1,006     | 81,136       |
| Wyoming                 | 27,500                | 26,607     | 215        | 37,898      | 26,563       | 11,335        | 36,262     | 481       | 1,636        |
| Total*                  | 26,110,788            | 22,490,211 | 3,500,194  | 21,329,819  | 16,227,285   | 5,102,534     | 19,036,143 | 2,065,989 | 2,326,295    |

\* Including all persons in the military and naval service of the United States. † Including all persons of negro descent.

The whole number of persons of school age—that is, from 5 to 20 years of age, inclusive—in 1900 is 26,110,788, of whom 21,573,492 are from 5 to 17 years of age and 4,537,296 from 18 to 20 years of age. These figures include, however, 217,523 persons of school age reported in Alaska, Hawaii, Indian Territory, and on Indian reservations. Eliminating the latter from the account, there are native born, 24,689,118; foreign born, 1,204,147; native white (native parents), 14,775,476; native white (foreign parents), 6,371,221; foreign white, 1,193,443; colored, 3,553,125; persons of negro descent, 3,485,188; males, 12,972,994; females, 12,920,271.

The number of males of voting age is 21,329,819, of which there are native born, 16,227,285; foreign born, 5,102,534; native white (native parents), 10,636,893; native white (foreign parents), 3,466,721; foreign white, 4,932,524; colored, 2,293,676; persons of negro descent, 2,065,589.

The ratio of population to males of voting age in the entire country is 3.6. This ratio varies, however, for the several elements of the population, the ratio of negro population to negro males of voting age being 4.3.

AREA.—According to the census of 1900, the largest county in the United States is Custer County, Montana, which has 20,490 square miles. The smallest is Bristol County, Rhode Island, which has 25 square miles.

# Population of the United States.

(Compiled from the Reports of the Census of 1900.)

## POPULATION ACCORDING TO AGE.

| MONTHS.  | Number. | YEARS. | Number.   | YEARS. | Number.   | YEARS. | Number. | YEARS.        | Number.    |
|----------|---------|--------|-----------|--------|-----------|--------|---------|---------------|------------|
| Under 1. | 153,474 | 15     | 2,533,018 | 37     | 899,682   | 59     | 380,233 | 51            | 49,725     |
| 1 to 2   | 332,330 | 16     | 1,961,503 | 38     | 1,037,433 | 60     | 548,114 | 62            | 44,826     |
| 3 to 5   | 496,121 | 17     | 1,489,146 | 39     | 959,098   | 61     | 287,645 | 63            | 35,944     |
| 6 to 8   | 476,031 | 18     | 1,534,070 | 40     | 1,006,782 | 62     | 331,577 | 64            | 52,133     |
| 9 to 11. | 458,936 | 19     | 1,438,352 | 41     | 733,459   | 63     | 323,026 | 65            | 29,022     |
|          |         | 20     | 1,531,494 | 42     | 844,453   | 64     | 300,971 | 66            | 19,695     |
|          |         | 21     | 1,426,849 | 43     | 738,418   | 65     | 354,279 | 67            | 16,741     |
|          |         | 22     | 1,485,923 | 44     | 734,074   | 66     | 265,241 | 68            | 13,189     |
|          |         | 23     | 1,436,297 | 45     | 880,796   | 67     | 249,924 | 69            | 9,963      |
|          |         | 24     | 1,454,453 | 46     | 651,391   | 68     | 225,985 | 70            | 11,401     |
|          |         | 25     | 1,476,860 | 47     | 632,388   | 69     | 207,497 | 71            | 4,382      |
|          |         | 26     | 1,312,957 | 48     | 663,877   | 70     | 273,449 | 72            | 3,627      |
|          |         | 27     | 1,282,975 | 49     | 626,160   | 71     | 152,639 | 73            | 2,692      |
|          |         | 28     | 1,311,166 | 50     | 862,051   | 72     | 171,447 | 74            | 1,990      |
|          |         | 29     | 1,145,482 | 51     | 510,652   | 73     | 148,699 | 75            | 2,243      |
|          |         | 30     | 1,465,256 | 52     | 572,189   | 74     | 137,607 | 76            | 1,291      |
|          |         | 31     | 956,575   | 53     | 495,521   | 75     | 135,296 | 77            | 895        |
|          |         | 32     | 1,102,117 | 54     | 502,419   | 76     | 110,805 | 78            | 1,051      |
|          |         | 33     | 1,030,812 | 55     | 569,826   | 77     | 93,510  | 79            | 796        |
|          |         | 34     | 1,001,279 | 56     | 464,794   | 78     | 86,687  | 100 and over. | 3,504      |
|          |         | 35     | 1,136,406 | 57     | 399,636   | 79     | 73,819  | All ages.     | 75,994,575 |
|          |         | 36     | 932,162   | 58     | 396,683   | 80     | 88,884  | Age unknown   | 200,534    |

## POPULATION ACCORDING TO CONJUGAL CONDITION.

| SEX AND CONJUGAL CONDITION. | Number.    | Per Cent. | SEX AND CONJUGAL CONDITION. | Number.    | Per Cent. | SEX AND CONJUGAL CONDITION. | Number.    | Per Cent. |
|-----------------------------|------------|-----------|-----------------------------|------------|-----------|-----------------------------|------------|-----------|
| Both sexes.....             | 78,303,387 | 100.0     | Males.....                  | 39,059,242 | 100.0     | Females.....                | 37,244,145 | 100.0     |
| Single.....                 | 44,187,155 | 57.9      | Single.....                 | 23,696,836 | 60.6      | Single.....                 | 20,520,319 | 55.1      |
| Married.....                | 27,849,761 | 36.5      | Married.....                | 14,003,798 | 35.9      | Married.....                | 13,845,963 | 37.2      |
| Widowed.....                | 3,903,857  | 5.1       | Widowed.....                | 1,182,293  | 3.0       | Widowed.....                | 2,721,564  | 7.3       |
| Divorced.....               | 199,888    | 0.3       | Divorced.....               | 84,903     | 0.2       | Divorced.....               | 114,965    | 0.3       |
| Unknown.....                | 162,746    | 0.2       | Unknown.....                | 121,412    | 0.3       | Unknown.....                | 41,334     | 0.1       |

NOTE.—The figures relating to conjugal condition are not absolute, as the statements as to those married and unmarried are apt to be incorrectly reported, partly through unintentional misstatement and partly through a desire to conceal the facts. For instance, an incorrect return may be made through lack of knowledge, in the case of boarders and lodgers (particularly men) who are reported as single when in fact they are or have been married; or from motives of concealment, in the case of divorced persons who report themselves as single, of couples who have separated but are not legally divorced, or of persons who are not lawfully married.

## POPULATION ACCORDING TO ILLITERACY.

| GENERAL NATIVITY AND COLOR. | Aggregate. | CAN READ BUT CAN NOT WRITE. |           | CAN NEITHER READ NOR WRITE. |           | GENERAL NATIVITY AND COLOR. | Aggregate. | CAN READ BUT CAN NOT WRITE. |           | CAN NEITHER READ NOR WRITE. |           |
|-----------------------------|------------|-----------------------------|-----------|-----------------------------|-----------|-----------------------------|------------|-----------------------------|-----------|-----------------------------|-----------|
|                             |            | Number.                     | Per Cent. | Number.                     | Per Cent. |                             |            | Number.                     | Per Cent. | Number.                     | Per Cent. |
| Aggregate.....              | 6,180,069  | 955,843                     | 15.5      | 5,224,226                   | 84.5      | Colored (total)...          | 2,979,323  | 309,884                     | 10.4      | 2,669,439                   | 89.6      |
| White (total)...            | 3,200,746  | 645,959                     | 20.2      | 2,554,787                   | 79.8      | Persons of negro descent    | 2,853,194  | 306,303                     | 10.7      | 2,546,891                   | 89.3      |
| Native white....            | 1,913,611  | 445,263                     | 23.3      | 1,468,348                   | 76.7      | Chinese.....                | 25,396     | 1,024                       | 4.0       | 24,372                      | 96.0      |
| Native parents              | 1,734,764  | 410,013                     | 23.6      | 1,324,751                   | 76.4      | Japanese.....               | 4,386      | 137                         | 3.1       | 4,249                       | 96.9      |
| For'gn parents              | 178,847    | 35,250                      | 19.7      | 143,597                     | 80.3      | Indian.....                 | 96,347     | 2,420                       | 2.5       | 93,927                      | 97.5      |
| Foreign white.              | 1,287,135  | 200,696                     | 15.6      | 1,086,439                   | 84.4      |                             |            |                             |           |                             |           |

These returns do not apply to the literacy of persons of less than ten years of age. For enumeration of illiterates by States, see table of "Population According to School Age and Voting Age."

## POPULATION WHICH CANNOT SPEAK ENGLISH.

| GENERAL NATIVITY AND COLOR.      | BOTH SEXES. |           | MALES.   |           | FEMALES. |           | GENERAL NATIVITY AND COLOR. | BOTH SEXES. |           | MALES.   |           | FEMALES. |           |
|----------------------------------|-------------|-----------|----------|-----------|----------|-----------|-----------------------------|-------------|-----------|----------|-----------|----------|-----------|
|                                  | Num-ber.    | Per Cent. | Num-ber. | Per Cent. | Num-ber. | Per Cent. |                             | Num-ber.    | Per Cent. | Num-ber. | Per Cent. | Num-ber. | Per Cent. |
| Native white—foreign parents.... | 65,008      | 4.6       | 98,164   | 4.2       | 26,844   | 5.0       | Japanese.....               | 14,843      | 1.1       | 14,448   | 2.2       | 395      | 0.1       |
| Foreign white.....               | 1,217,980   | 86.7      | 563,982  | 84.2      | 653,998  | 89.1      | Indian.....                 | 72,583      | 5.2       | 32,009   | 4.3       | 40,274   | 5.5       |
| Chinese.....                     | 33,498      | 2.4       | 31,191   | 4.6       | 2,307    | 0.3       | Aggregate.....              | 1,403,212   | 100.0     | 670,094  | 100.0     | 733,118  | 100.0     |

These returns embrace only persons of ten years of age and over.

## Population of the United States,

DWELLINGS, FAMILIES, HOMES, AND DENSITY.

(Compiled from the Reports of the Census of 1900.)

| STATES AND TERRITORIES.   | Total Dwellings. | Total Families.* | HOMES.    |            |          |           |          | DENSITY OF POPULATION. |         |
|---------------------------|------------------|------------------|-----------|------------|----------|-----------|----------|------------------------|---------|
|                           |                  |                  | Owned†    |            |          | Hired.    | Unknown. | 1890.                  | 1900.   |
|                           |                  |                  | Free.     | Mortgaged. | Unknown. |           |          |                        |         |
| Alabama.....              | 362,295          | 374,765          | 94,692    | 20,549     | 7,208    | 231,180   | 17,351   | 29.4                   | 35.5    |
| Alaska.....               | 10,565           | 13,459           | 7,190     | 22         | .....    | 1,644     | 3,327    | .....                  | 0.1     |
| Arizona.....              | 28,763           | 29,875           | 13,259    | 1,009      | 1,049    | 1,644     | 1,956    | .....                  | 1.1     |
| Arkansas.....             | 256,004          | 265,298          | 95,510    | 16,469     | 7,848    | 130,411   | 12,183   | 21.3                   | 24.7    |
| California.....           | 313,217          | 341,781          | 100,228   | 40,216     | 6,550    | 163,275   | 15,421   | 7.8                    | 9.5     |
| Colorado.....             | 132,364          | 127,459          | 29,000    | 12,923     | 3,042    | 61,385    | 5,968    | 4.0                    | 5.2     |
| Connecticut.....          | 159,677          | 203,424          | 37,930    | 37,496     | 1,429    | 119,094   | 4,691    | 151.0                  | 187.5   |
| Delaware.....             | 38,191           | 39,446           | 7,759     | 5,115      | 767      | 23,835    | 1,561    | 86.0                   | 94.3    |
| District of Columbia..... | 49,385           | 56,678           | 8,441     | 4,261      | 296      | 40,753    | 1,714    | 3,839.9                | 4,645.3 |
| Florida.....              | 113,594          | 117,001          | 40,810    | 5,489      | 4,661    | 55,920    | 6,779    | 7.2                    | 9.7     |
| Georgia.....              | 436,153          | 455,557          | 101,114   | 17,603     | 10,950   | 291,447   | 29,598   | 31.2                   | 37.6    |
| Hawaii.....               | 32,366           | 36,922           | 5,172     | 438        | 711      | 21,086    | 2,356    | .....                  | 23.9    |
| Idaho.....                | 36,487           | 37,491           | 20,163    | 3,215      | 992      | 9,218     | 2,231    | 1.1                    | 1.9     |
| Illinois.....             | 845,836          | 1,036,158        | 273,594   | 161,615    | 16,388   | 547,369   | 25,223   | 68.3                   | 86.1    |
| Indiana.....              | 552,495          | 571,513          | 200,035   | 103,643    | 8,605    | 242,588   | 12,201   | 61.1                   | 70.1    |
| Indian Territory.....     | 75,539           | 76,701           | 17,809    | 463        | 6,259    | 47,746    | 3,740    | 5.8                    | 12.6    |
| Iowa.....                 | 468,682          | 480,878          | 163,640   | 112,877    | 6,243    | 183,053   | 10,897   | 34.5                   | 40.0    |
| Kansas.....               | 314,375          | 321,947          | 116,784   | 61,504     | 4,998    | 126,240   | 9,896    | 17.5                   | 18.2    |
| Kentucky.....             | 413,974          | 437,054          | 172,042   | 35,034     | 11,066   | 204,009   | 12,077   | 46.5                   | 53.7    |
| Louisiana.....            | 269,395          | 284,875          | 64,861    | 13,204     | 6,510    | 181,577   | 16,297   | 24.6                   | 30.4    |
| Maine.....                | 148,507          | 163,344          | 75,292    | 24,296     | 2,979    | 55,028    | 4,023    | 22.1                   | 23.2    |
| Maryland.....             | 221,706          | 242,331          | 58,577    | 27,108     | 5,017    | 135,353   | 13,782   | 106.7                  | 120.5   |
| Massachusetts.....        | 451,362          | 613,659          | 108,766   | 93,602     | 3,859    | 379,696   | 19,050   | 278.5                  | 348.9   |
| Michigan.....             | 521,648          | 548,094          | 191,863   | 128,939    | 9,474    | 198,078   | 14,004   | 36.5                   | 42.2    |
| Minnesota.....            | 317,037          | 342,658          | 126,181   | 74,654     | 7,354    | 118,034   | 11,061   | 16.5                   | 22.1    |
| Mississippi.....          | 310,963          | 318,948          | 73,159    | 23,517     | 5,969    | 194,637   | 18,832   | 27.8                   | 33.5    |
| Missouri.....             | 593,528          | 664,333          | 193,229   | 118,742    | 10,273   | 307,492   | 17,136   | 39.0                   | 45.2    |
| Montana.....              | 83,779           | 55,889           | 23,656    | 1,609      | 2,590    | 20,556    | 3,006    | 1.0                    | 1.7     |
| Nebraska.....             | 213,972          | 220,947          | 71,133    | 44,242     | 5,330    | 90,711    | 6,574    | 13.8                   | 13.9    |
| Nevada.....               | 10,960           | 11,190           | 5,636     | 543        | 322      | 3,134     | 827      | 0.4                    | 0.4     |
| New Hampshire.....        | 86,535           | 97,902           | 35,839    | 12,989     | 1,765    | 42,840    | 3,101    | 41.8                   | 45.7    |
| New Jersey.....           | 321,032          | 415,222          | 61,755    | 69,804     | 4,496    | 259,848   | 13,090   | 193.8                  | 250.3   |
| New Mexico.....           | 44,903           | 46,355           | 26,652    | 632        | 1,939    | 13,118    | 3,169    | 1.3                    | 1.6     |
| New York.....             | 1,035,180        | 1,634,523        | 277,767   | 230,870    | 12,900   | 1,043,800 | 42,833   | 126.1                  | 152.6   |
| North Carolina.....       | 360,491          | 370,072          | 130,650   | 24,735     | 9,837    | 188,162   | 14,181   | 33.3                   | 39.0    |
| North Dakota.....         | 63,319           | 64,690           | 33,409    | 13,710     | 2,044    | 11,863    | 2,334    | 3.5                    | 4.0     |
| Ohio.....                 | 857,636          | 944,433          | 317,012   | 149,376    | 15,204   | 431,301   | 21,781   | 90.1                   | 102.0   |
| Oklahoma.....             | 85,309           | 86,908           | 50,246    | 6,532      | 2,984    | 23,157    | 3,010    | 10.0                   | 10.3    |
| Oregon.....               | 87,523           | 91,214           | 37,284    | 10,771     | 2,119    | 33,745    | 3,626    | 3.4                    | 4.4     |
| Pennsylvania.....         | 1,236,258        | 1,320,025        | 326,687   | 174,320    | 22,236   | 742,385   | 36,946   | 116.9                  | 140.1   |
| Rhode Island.....         | 67,816           | 94,179           | 14,506    | 10,780     | 723      | 64,362    | 2,364    | 318.4                  | 407.0   |
| South Carolina.....       | 259,302          | 269,864          | 57,138    | 13,894     | 5,922    | 174,448   | 16,357   | 38.2                   | 44.8    |
| South Dakota.....         | 81,863           | 83,536           | 37,153    | 17,115     | 2,517    | 22,610    | 2,866    | 4.5                    | 5.2     |
| Tennessee.....            | 385,588          | 402,536          | 146,763   | 20,993     | 11,417   | 206,077   | 13,765   | 42.3                   | 48.4    |
| Texas.....                | 573,734          | 589,281          | 196,165   | 50,160     | 15,608   | 299,312   | 20,810   | 8.5                    | 11.6    |
| Utah.....                 | 53,490           | 56,196           | 31,344    | 4,292      | 1,088    | 17,012    | 1,472    | 2.6                    | 3.4     |
| Vermont.....              | 75,021           | 81,462           | 26,712    | 19,662     | 1,377    | 31,014    | 1,794    | 36.4                   | 37.6    |
| Virginia.....             | 347,159          | 364,517          | 133,836   | 26,530     | 10,208   | 177,087   | 13,088   | 41.3                   | 46.2    |
| Washington.....           | 106,622          | 113,086          | 44,681    | 10,421     | 2,102    | 45,113    | 4,854    | 5.3                    | 7.7     |
| West Virginia.....        | 159,715          | 186,281          | 77,973    | 14,831     | 5,666    | 80,759    | 4,552    | 31.0                   | 38.9    |
| Wisconsin.....            | 398,017          | 426,063          | 161,059   | 104,366    | 7,985    | 137,009   | 9,308    | 31.1                   | 38.0    |
| Wyoming.....              | 19,664           | 20,116           | 7,779     | 1,078      | 817      | 7,388     | 1,570    | 0.6                    | 0.9     |
| Total.....                | 14,474,777       | 16,239,797       | 4,739,914 | 2,180,229  | 298,612  | 8,246,747 | 540,935  | 21.2                   | 25.6    |

\*The average size of families was 4.7 persons in 1900, against 5 in 1880 and 5.6 in 1850. Of the 15,963,965 private families in 1900, 14,042,546 had male heads and 1,921,419 female heads.

†Of 7,218,755 persons owning their homes in 1900, 5,064,248 were native whites, 1,730,970 were foreign whites, 372,444 were negroes, 48,219 were Indians, and 2,274 Chinese and Japanese.

The density of population is obtained by dividing the population of each State and Territory and of the United States by its total land area in square miles at each census. In computing density of population for the United States, the areas and population of Alaska and Hawaii in 1900, of Alaska in 1890, and of Indian Territory in 1860, 1870, and 1880 are not considered. The area of Indian reservations, outside of Indian Territory, is included in the area of the States and Territories in which they are severally situated, and in that of the United States, prior to 1890, although the population of these Indian reservations was not ascertained, and, for this reason, cannot be considered in figuring density of population at the censuses prior to 1890.

The density of population of the United States, exclusive of Alaska and Hawaii, according to the census of 1900, is 25.6—that is, there were in the United States in 1900, on the average, 25.6 inhabitants to the square mile, using land surface only. At the census of 1790 there were less than 5 inhabitants to the square mile, so that the density of the population of the country has increased in 110 years more than fivefold, although the land area of the country in 1900, exclusive of Alaska and Hawaii, was more than three and one-half times what it was in 1790.

## Population of the United States.

(Compiled from the Reports of the Census of 1900.)

### FOREIGN POPULATION ACCORDING TO COUNTRY OF BIRTH.

|                        |         |                        |           |                         |            |
|------------------------|---------|------------------------|-----------|-------------------------|------------|
| Africa.....            | 2,577   | France.....            | 104,534   | Poland (unknown).....   | 20,436     |
| Asia*.....             | 11,927  | Germany.....           | 2,669,164 | Portugal.....           | 37,144     |
| Atlantic Islands.....  | 10,955  | Greece.....            | 8,655     | Roumania.....           | 15,043     |
| Australia.....         | 7,041   | Holland.....           | 105,098   | Russia.....             | 424,372    |
| Austria.....           | 276,702 | Hungary.....           | 145,815   | Scotland.....           | 234,699    |
| Belgium.....           | 29,848  | India.....             | 2,469     | South America.....      | 4,814      |
| Bohemia.....           | 156,999 | Ireland.....           | 1,619,499 | Spain.....              | 7,284      |
| Canada (English)†..... | 787,798 | Italy.....             | 484,703   | Sweden.....             | 574,625    |
| Canada (French)†.....  | 393,427 | Japan.....             | 81,590    | Switzerland.....        | 115,959    |
| Central America.....   | 3,911   | Luxembourg.....        | 3,042     | Turkey.....             | 9,949      |
| China.....             | 106,659 | Mexico.....            | 103,445   | Wales.....              | 93,744     |
| Cuba.....              | 11,159  | Norway.....            | 338,426   | West Indies§.....       | 14,468     |
| Denmark.....           | 154,616 | Pacific Islands§.....  | 2,659     | Other countries.....    | 2,587      |
| England.....           | 843,491 | Poland (Austrian)..... | 58,503    | Born at sea.....        | 8,310      |
| Europe†.....           | 2,272   | Poland (German).....   | 150,232   |                         |            |
| Finland.....           | 63,440  | Poland (Russian).....  | 154,424   | Total foreign born..... | 10,460,085 |

\*Except China, Japan, and India.

†Includes Newfoundland.

‡Not otherwise specified.

§Except Philippine Islands.

||Except Cuba and Porto Rico.

### POPULATION OF FOREIGN PARENTAGE.

| SPECIFIED COUNTRIES. | Total.    | Having Both Parents Born as Specified. | Having One Parent Born as Specified and One Parent Native. | SPECIFIED COUNTRIES.            | Total.     | Having Both Parents Born as Specified. | Having One Parent Born as Specified and One Parent Native. |
|----------------------|-----------|----------------------------------------|------------------------------------------------------------|---------------------------------|------------|----------------------------------------|------------------------------------------------------------|
| Austria.....         | 434,728   | 408,195                                | 26,533                                                     | Poland.....                     | 687,711    | 668,536                                | 19,175                                                     |
| Bohemia.....         | 356,865   | 325,400                                | 31,465                                                     | Russia.....                     | 685,360    | 669,810                                | 15,550                                                     |
| Canada, English..... | 1,319,141 | 683,440                                | 635,701                                                    | Scotland.....                   | 623,350    | 421,192                                | 202,158                                                    |
| Canada, French.....  | 812,621   | 635,972                                | 176,649                                                    | Sweden.....                     | 1,084,842  | 998,538                                | 86,304                                                     |
| Denmark.....         | 308,488   | 266,752                                | 41,736                                                     | Switzerland.....                | 255,278    | 187,924                                | 67,354                                                     |
| England.....         | 2,146,271 | 1,364,159                              | 782,112                                                    | Wales.....                      | 246,596    | 173,416                                | 73,180                                                     |
| France.....          | 267,257   | 171,347                                | 95,910                                                     | Other countries.....            | 1,079,306  | 912,055                                | 167,311                                                    |
| Germany.....         | 7,832,681 | 6,244,799                              | 1,587,882                                                  | Of mixed foreign parentage..... | 1,340,678  | 1,340,678                              | .....                                                      |
| Hungary.....         | 216,402   | 210,307                                | 6,095                                                      | All classes.....                | 26,198,939 | 21,074,679                             | 5,124,260                                                  |
| Ireland.....         | 4,981,407 | 4,001,461                              | 979,946                                                    |                                 |            |                                        |                                                            |
| Italy.....           | 732,421   | 706,594                                | 25,823                                                     |                                 |            |                                        |                                                            |
| Norway.....          | 787,836   | 684,100                                | 103,736                                                    |                                 |            |                                        |                                                            |

These returns embrace persons born in foreign countries as well as native born persons having one or both parents born in foreign countries.

### NUMBER OF INHABITANTS JUNE 1, 1900. TO EACH VOTE CAST NOVEMBER 6, 1900.

|                           |      |                        |      |                         |      |                        |       |
|---------------------------|------|------------------------|------|-------------------------|------|------------------------|-------|
| Salt Lake City, Utah..... | 2.73 | Rochester, N. Y.....   | 4.60 | Buffalo, N. Y.....      | 5.17 | Boston, Mass.....      | 6.70  |
| Dayton, Ohio.....         | 3.79 | St. Louis, Mo.....     | 4.60 | Minneapolis, Minn.....  | 5.24 | Lawrence, Mass.....    | 6.7   |
| Albany, N. Y.....         | 3.82 | Toledo, Ohio.....      | 4.64 | Hartford, Ct.....       | 5.27 | Portland, Ore.....     | 7.11  |
| Columbus, Ohio.....       | 3.89 | New Haven, Ct.....     | 4.72 | San Francisco, Cal..... | 5.42 | Lowell, Mass.....      | 7.14  |
| Grand Rapids, Mich.....   | 4.03 | Kansas City, Kan.....  | 4.75 | Philadelphia, Pa.....   | 5.51 | St. Joseph, Mo.....    | 7.71  |
| Cincinnati, Ohio.....     | 4.22 | Elizabeth, N. J.....   | 4.90 | New York, N. Y.....     | 5.66 | Somerville, Mass.....  | 7.88  |
| Syracuse, N. Y.....       | 4.29 | Milwaukee, Wis.....    | 4.90 | Manchester, N. H.....   | 5.84 | Providence, R. I.....  | 7.99  |
| Camden, N. J.....         | 4.30 | Omaha, Neb.....        | 4.94 | Hoboken, N. J.....      | 5.92 | Cambridge, Mass.....   | 8.09  |
| Kansas City, Mo.....      | 4.33 | Cleveland, Ohio.....   | 4.95 | Springfield, Mass.....  | 6.14 | Richmond, Va.....      | 8.57  |
| Des Moines, Iowa.....     | 4.35 | Louisville, Ky.....    | 4.95 | Duluth, Minn.....       | 6.15 | New Bedford, Mass..... | 8.92  |
| Utica, N. Y.....          | 4.36 | Newark, N. J.....      | 4.97 | Lynn, Mass.....         | 6.22 | Fall River, Mass.....  | 9.27  |
| Trenton, N. J.....        | 4.37 | Paterson, N. J.....    | 4.99 | Portland, Me.....       | 6.30 | New Orleans, La.....   | 12.64 |
| Baltimore, Md.....        | 4.50 | Jersey City, N. J..... | 5.05 | Seattle, Wash.....      | 6.30 | Savannah, Ga.....      | 16.18 |
| Wilmington, Del.....      | 4.57 | Bridgeport, Ct.....    | 5.11 | St. Paul, Minn.....     | 6.40 | Atlanta, Ga.....       | 17.61 |
| Chicago, Ill.....         | 4.58 | Detroit, Mich.....     | 5.16 | Worcester, Mass.....    | 6.50 |                        |       |

This table shows how very wide of the mark is nearly all of these cities would be an estimate of the population made by multiplying the vote cast by any single rate, and that this method of estimating a city's population is without foundation.

### DISTRIBUTION OF POPULATION BY TOPOGRAPHIC DIVISIONS.

|                                                |            |                                                |           |                       |            |
|------------------------------------------------|------------|------------------------------------------------|-----------|-----------------------|------------|
| Prairie region.....                            | 13,300,970 | Appalachian valley.....                        | 4,499,072 | Great plains.....     | 1,052,719  |
| New England hills.....                         | 10,260,153 | Coastal plain (west of Mississippi River)..... | 1,874,677 | Pacific valley.....   | 995,363    |
| Lake region.....                               | 9,571,215  | Mississippi lowlands.....                      | 1,865,952 | Rocky Mountain.....   | 592,972    |
| Interior timbered region.....                  | 8,129,760  | Mississippi alluvial region.....               | 1,237,094 | Great basin.....      | 375,345    |
| Piedmont region.....                           | 6,809,103  | Ozark hills.....                               | 1,203,850 | Columbian mesas.....  | 356,758    |
| Coastal plain (east of Mississippi River)..... | 6,427,635  | Coast ranges.....                              | 1,079,992 | Plateau region.....   | 201,669    |
| Allegheny plateau.....                         | 6,070,246  |                                                |           | Continental U. S..... | 75,994,575 |

This table shows that the Prairie region and the New England hills include over three-twentieths (31 per cent), and with the Lake region and the Interior timbered region over one-half (54.3 per cent) of the population of the country.

## Occupations in the United States.

NUMBER OF PERSONS ENGAGED IN PRINCIPAL SPECIFIED OCCUPATIONS.  
(Census of 1900.)

|                                                   |            |                                                          |           |
|---------------------------------------------------|------------|----------------------------------------------------------|-----------|
| All occupations.....                              | 29,285,922 | Produce and provisions.....                              | 34,194    |
| Agricultural pursuits.....                        | 10,438,919 | Not specified.....                                       | 366,457   |
| Agricultural laborers.....                        | 4,459,246  | Merchants and dealers (wholesale).....                   | 42,310    |
| Dairywomen and dairywomen.....                    | 10,931     | Messengers and errand and office boys.....               | 71,635    |
| Farmers, planters, and overseers.....             | 5,681,257  | Newspaper carriers and newsboys.....                     | 6,804     |
| Gardeners, florists, nurserymen, etc.....         | 62,418     | Officials of banks and companies.....                    | 74,246    |
| Lumbermen and raftsmen.....                       | 72,190     | Packers and shippers.....                                | 59,769    |
| Stock raisers, herders, and drovers.....          | 85,469     | Porters and helpers (in stores, etc.).....               | 54,274    |
| Turpentine farmers and laborers.....              | 24,737     | Salesmen and saleswomen.....                             | 611,787   |
| Wood choppers.....                                | 36,265     | Sailors, boatmen, pilots.....                            | 80,024    |
| Other agricultural pursuits.....                  | 5,606      | Steam railroad employes.....                             | 582,471   |
| Professional service.....                         | 1,264,737  | stenographers and typewriters.....                       | 112,442   |
| Actors, professional showmen, etc.....            | 34,923     | Street railway employes.....                             | 14,765    |
| Artists and designers, draughtsmen, etc.....      | 29,560     | Telegraph and telephone linemen.....                     | 14,765    |
| Artists and teachers of art.....                  | 24,902     | Telegraph and telephone operators.....                   | 75,080    |
| Authors and scientists.....                       | 6,058      | Undertakers.....                                         | 16,200    |
| Chemists, assayers, and metallurgists.....        | 8,887      | Weighers, gaugers, and measurers.....                    | 6,670     |
| Clergymen.....                                    | 111,912    | Not specified.....                                       | 34,056    |
| Dentists.....                                     | 29,683     | Manufacturing and mechanical pursuits.....               | 7,112,957 |
| Electricians.....                                 | 50,782     | BUILDING TRADES.                                         |           |
| Engineers (civil).....                            | 50,153     | Carpenters and joiners (including ship carpenters).....  | 609,741   |
| Engineers (mechanical and electrical).....        | 14,449     | Masons (brick and stone).....                            | 161,048   |
| Engineers (mining).....                           | 2,908      | Painters, glaziers, and varnishers.....                  | 277,920   |
| Journalists.....                                  | 39,093     | Paper-hangers.....                                       | 29,064    |
| Lawyers.....                                      | 114,703    | Plasterers.....                                          | 35,706    |
| Musicians and teachers of music.....              | 92,264     | Plumbers and gas and steam fitters.....                  | 97,884    |
| Officials, national*.....                         | 40,595     | Roofers and slaters.....                                 | 9,068     |
| Officials, state.....                             | 4,345      | Mechanics (not otherwise specified).....                 | 9,437     |
| Officials, county and city.....                   | 45,350     | CHEMICALS AND ALLIED PRODUCTS.                           |           |
| Physicians and surgeons.....                      | 140,415    | Oil well and oil works employes.....                     | 24,626    |
| Surveyors.....                                    | 6,064      | Other chemical workers.....                              | 14,814    |
| Teachers and professors in colleges, etc.....     | 446,797    | CLAY, GLASS, AND STONE PRODUCTS.                         |           |
| Not specified.....                                | 5,714      | Brick and tile makers, etc.....                          | 49,934    |
| Domestic and personal service.....                | 5,691,746  | Glass workers.....                                       | 49,999    |
| Barbers and hairdressers.....                     | 131,853    | Marble and stone cutters.....                            | 54,255    |
| Bartenders.....                                   | 85,937     | Potters.....                                             | 16,140    |
| Boarding and lodging house keepers.....           | 71,371     | FISHING AND MINING.                                      |           |
| Bootblacks.....                                   | 8,243      | Fishermen and oystermen.....                             | 73,810    |
| Firemen (Fire Department).....                    | 14,576     | Miners (coal).....                                       | 344,292   |
| Hotel-keepers.....                                | 54,931     | Miners (gold and silver).....                            | 59,095    |
| Housekeepers and stewards.....                    | 155,524    | Miners (not otherwise specified).....                    | 133,010   |
| Hunters, trappers, guides, and scouts.....        | 11,810     | Quarrymen.....                                           | 34,598    |
| Janitors.....                                     | 51,226     | FOOD AND KINDRED PRODUCTS.                               |           |
| Laborers (not specified).....                     | 2,619,486  | Bakers.....                                              | 79,407    |
| Longshoremen.....                                 | 20,934     | Butchers.....                                            | 114,912   |
| Launderers and laundresses.....                   | 387,013    | Butter and cheese makers.....                            | 19,251    |
| Nurses and midwives.....                          | 121,269    | Confectioners.....                                       | 31,242    |
| Policemen, watchmen, and detectives.....          | 115,269    | Meat packers, curers, and picklers.....                  | 18,776    |
| Restaurant keepers.....                           | 34,093     | Millers.....                                             | 40,576    |
| Saloon-keepers.....                               | 83,875     | Other food preparers.....                                | 13,666    |
| Servants and waiters.....                         | 1,565,440  | IRON AND STEEL AND THEIR PRODUCTS.                       |           |
| Sextons.....                                      | 5,714      | Blacksmiths.....                                         | 227,076   |
| Soldiers (U. S.).....                             | 103,902    | Iron and steel workers.....                              | 290,797   |
| Sailors and marines (U. S.).....                  | 22,842     | Machinists.....                                          | 288,432   |
| Not specified.....                                | 23,422     | Steam boiler-makers.....                                 | 31,087    |
| Trade and transportation.....                     | 4,778,233  | Stove, furnace, and grate makers.....                    | 12,473    |
| Agents, insurance, real estate, etc.....          | 241,333    | Tool and cutlery makers.....                             | 38,122    |
| Artificers.....                                   | 2,813      | Wheelwrights.....                                        | 13,539    |
| Bankers and brokers.....                          | 76,384     | Wireworkers.....                                         | 18,457    |
| Bookkeepers and accountants.....                  | 255,236    | LEATHER AND ITS FINISHED PRODUCTS.                       |           |
| Clerks and copyists.....                          | 608,721    | Boot and shoe makers and repairers.....                  | 209,056   |
| Commercial travellers.....                        | 92,936     | Harness and saddle makers and repairers.....             | 40,193    |
| Decorators, drapers, and window dressers.....     | 3,053      | Leather curriers and tanners.....                        | 42,684    |
| Foremen and overseers, stable, railroad, etc..... | 55,503     | Trunk and leather-case makers, etc.....                  | 7,051     |
| Hostlers.....                                     | 65,381     | LIQUORS AND BEVERAGES.                                   |           |
| Hucksters and peddlers.....                       | 76,872     | Bottlers and soda-water makers, etc.....                 | 10,546    |
| Livery-stable keepers.....                        | 33,680     | Brewers and maltsters.....                               | 20,984    |
| Mail letter carriers.....                         | 28,378     | Distillers and rectifiers.....                           | 3,145     |
| Merchants and dealers (retail).....               | 792,887    | LUMBER AND ITS MANUFACTURES.                             |           |
| Drugs and medicines.....                          | 57,246     | Cabinet makers and furniture manufacturing employes..... | 55,719    |
| Dry goods, fancy goods, and notions.....          | 45,840     | Coopers.....                                             | 37,226    |
| Groceries.....                                    | 156,557    | Flano and organ makers.....                              | 6,230     |
| Liquors and wines.....                            | 13,119     | Saw and planing mill employes.....                       | 161,687   |
| Boots and shoes.....                              | 15,239     | Other woodworkers.....                                   | 82,390    |
| Cigars and tobacco.....                           | 15,337     | METALS AND METAL PRODUCTS OTHER THAN IRON AND STEEL.     |           |
| Clothing and men's furnishings.....               | 18,097     | Brass workers.....                                       | 26,700    |
| Coal and wood.....                                | 20,866     | Clock and watch makers and repairers.....                | 24,188    |
| General store.....                                | 33,031     | Copper workers.....                                      | 8,188     |
| Lumber.....                                       | 16,774     | Gold and silver workers.....                             | 26,146    |
|                                                   |            | Gunsmiths, locksmiths, and bellhangers.....              | 7,452     |
|                                                   |            | Tipplale and tinware makers.....                         | 70,613    |
|                                                   |            | Other metal workers.....                                 | 40,988    |

\*Including army and navy officers.

(Continued on next page.)

OCCUPATIONS IN THE UNITED STATES—Continued.

| PAPER AND PRINTING.                        |         | SEAMSTRESSES.                                    |         |
|--------------------------------------------|---------|--------------------------------------------------|---------|
| Bookbinders.....                           | 30,286  | Shirt, collar, and cuff makers.....              | 151,379 |
| Compositors.....                           | 38,849  | Tailors and tailoresses.....                     | 280,277 |
| Engravers.....                             | 11,150  | Other textile workers.....                       | 30,046  |
| Paper and pulp mill operatives.....        | 36,329  |                                                  |         |
| Printers, lithographers, and pressmen..... | 116,484 | MISCELLANEOUS INDUSTRIES.                        |         |
|                                            |         | Broom and brush makers.....                      | 10,222  |
|                                            |         | Builders and contractors.....                    | 58,935  |
|                                            |         | Candle, soap, and tallow makers.....             | 4,022   |
|                                            |         | Engineers and firemen (not locomotive).....      | 224,546 |
|                                            |         | Gas works employes.....                          | 6,955   |
|                                            |         | Glove makers.....                                | 12,776  |
|                                            |         | Manufacturers and officials, etc.....            | 153,133 |
|                                            |         | Officials of mining and quarrying companies..... | 17,935  |
|                                            |         | Photographers.....                               | 27,029  |
|                                            |         | Publishers of books, maps, and newspapers.....   | 10,970  |
|                                            |         | Rubber factory operatives.....                   | 21,866  |
|                                            |         | Tobacco and cigar factory operatives.....        | 131,464 |
|                                            |         | Upholsterers.....                                | 30,839  |
|                                            |         | Other miscellaneous industries.....              | 507,521 |

| TEXTILES.                                 |         |
|-------------------------------------------|---------|
| Artificial-flower makers.....             | 2,775   |
| Bleachery and dye works operatives.....   | 22,289  |
| Carpet factory operatives.....            | 19,383  |
| Cotton ginneries.....                     | 1,393   |
| Cotton mill operatives.....               | 245,004 |
| Hosiery and knitting mill operatives..... | 47,120  |
| Silk mill operatives.....                 | 54,360  |
| Woolen mill operatives.....               | 73,196  |
| Other textile mill operatives.....        | 104,619 |
| Dressmakers.....                          | 347,676 |
| Hat and cap makers.....                   | 22,733  |
| Milliners.....                            | 87,881  |

URBAN POPULATION.

| GEOGRAPHICAL DIVISIONS.      | TOTAL POPULATION. |            | URBAN POPULATION. |            | INCREASE IN TOTAL POPULATION. |           | INCREASE IN URBAN POPULATION. |           |
|------------------------------|-------------------|------------|-------------------|------------|-------------------------------|-----------|-------------------------------|-----------|
|                              | 1900.             | 1890.      | 1900.             | 1890.      | Number.                       | Per Cent. | Number.                       | Per Cent. |
| North Atlantic division..... | 21,046,695        | 17,406,999 | 13,613,736        | 10,071,957 | 3,639,726                     | 20.9      | 3,541,779                     | 35.2      |
| South Atlantic division..... | 10,443,480        | 8,557,922  | 2,045,520         | 1,554,190  | 1,585,558                     | 17.9      | 495,330                       | 31.9      |
| North Central division.....  | 26,338,004        | 22,410,417 | 9,343,213         | 6,744,926  | 3,922,587                     | 17.5      | 2,588,277                     | 38.5      |
| South Central Division.....  | 14,080,407        | 11,170,137 | 1,836,855         | 1,539,232  | 2,609,910                     | 26.1      | 557,423                       | 41.6      |
| Western division.....        | 4,081,349         | 3,102,263  | 1,469,663         | 1,035,559  | 989,080                       | 31.9      | 433,609                       | 41.9      |
| Hawaii.....                  | 154,001           | 89,900     | 39,506            | 22,907     | 64,011                        | 71.1      | 16,399                        | 71.6      |
| Total.....                   | 76,148,576        | 63,037,704 | 28,411,693        | 20,768,851 | 13,110,872                    | 20.8      | 7,642,817                     | 36.8      |

Ratio of Urban to Total Population: 1900—31.1 per cent; 1890—29.1 per cent; 1860—16.1 per cent; 1850—12.5 per cent; 1820—4.9 per cent; 1790—3.4 per cent.

CENTRE OF POPULATION IN THE UNITED STATES.

| DATE. | POSITION OF CENTRE OF POPULATION.        |      |              |      | Westward Movement During Preceding Decade.                          |       |
|-------|------------------------------------------|------|--------------|------|---------------------------------------------------------------------|-------|
|       | N. Latitude                              |      | W. Longitude |      |                                                                     |       |
|       | Approximate Location by Important Towns. |      |              |      | Miles.                                                              |       |
| 1790  | 39                                       | 16.5 | 76           | 11.2 | 23 miles east of Baltimore, Md.....                                 | ..... |
| 1800  | 39                                       | 16.1 | 76           | 56.5 | 18 miles west of Baltimore, Md.....                                 | 41    |
| 1810  | 39                                       | 11.5 | 77           | 37.2 | 40 miles northwest by west of Washington, D. C.....                 | 36    |
| 1820  | 39                                       | 5.7  | 78           | 33.0 | 16 miles north of Woodstock, Va.....                                | 50    |
| 1830  | 38                                       | 57.9 | 79           | 16.9 | 19 miles W. S. W. of Moorefield, in the present State of W. Va..... | 39    |
| 1840  | 39                                       | 2.0  | 80           | 18.0 | 16 miles south of Clarksburg, in the present State of W. Va.....    | 55    |
| 1850  | 38                                       | 59.0 | 81           | 19.0 | 23 miles S. E. of Parkersburg, in the present State of W. Va.....   | 55    |
| 1860  | 39                                       | 0.4  | 82           | 48.8 | 20 miles south of Chillicothe, Ohio.....                            | 81    |
| 1870  | 39                                       | 12.0 | 83           | 35.7 | 48 miles east by north of Cincinnati, Ohio.....                     | 42    |
| 1880  | 39                                       | 4.1  | 84           | 39.7 | 8 miles west by south of Cincinnati, Ohio.....                      | 58    |
| 1890  | 39                                       | 11.9 | 85           | 32.9 | 20 miles east of Columbus, Ind.....                                 | 48    |
| 1900  | 39                                       | 9.5  | 85           | 48.9 | 6 miles southeast of Columbus, Ind.....                             | 14    |
|       |                                          |      |              |      | Total.....                                                          | 519   |

This table was prepared by the Census Office. The centre of the negro population in 1890 was near Rome, Ga., and was travelling Gulfward.

The centre of area of the United States, excluding Alaska and Hawaii and other recent accessions, is in Northern Kansas, in approximate latitude 39° 55', and approximate longitude 98° 50'. The centre of population is therefore about three-fourths of a degree south, and more than thirteen degrees east of the centre of area.

RANK OF STATES ACCORDING TO POPULATION.

| RANK. | States and Territories. | Population. | RANK. | States and Territories. | Population. | RANK. | States and Territories. | Population. |
|-------|-------------------------|-------------|-------|-------------------------|-------------|-------|-------------------------|-------------|
| 1     | New York.....           | 7,268,894   | 19    | Minnesota.....          | 1,751,394   | 36    | New Hampshire..         | 411,588     |
| 2     | Pennsylvania.....       | 6,502,115   | 20    | Mississippi.....        | 1,651,270   | 37    | South Dakota....        | 401,570     |
| 3     | Illinois.....           | 4,821,350   | 21    | California.....         | 1,485,053   | 38    | Oklahoma.....           | 398,331     |
| 4     | Ohio.....               | 4,157,845   | 22    | Kansas.....             | 1,470,435   | 39    | Indian Territory..      | 392,060     |
| 5     | Missouri.....           | 3,106,665   | 23    | Louisiana.....          | 1,381,625   | 40    | Vermont.....            | 345,641     |
| 6     | Texas.....              | 3,048,710   | 24    | South Carolina..        | 1,340,316   | 41    | North Dakota....        | 318,146     |
| 7     | Massachusetts....       | 2,805,946   | 25    | Arkansas.....           | 1,311,564   | 42    | Dist. of Columbia.      | 278,713     |
| 8     | Indiana.....            | 2,516,462   | 26    | Maryland.....           | 1,185,044   | 43    | Utah.....               | 275,749     |
| 9     | Michigan.....           | 2,420,882   | 27    | Nebraska.....           | 1,066,800   | 44    | Montana.....            | 249,329     |
| 10    | Iowa.....               | 2,221,831   | 28    | West Virginia..         | 1,058,800   | 45    | New Mexico.....         | 195,510     |
| 11    | Georgia.....            | 2,147,374   | 29    | Connecticut.....        | 908,420     | 46    | Delaware.....           | 184,735     |
| 12    | Kentucky.....           | 2,147,374   | 30    | Maine.....              | 694,466     | 47    | Idaho.....              | 161,772     |
| 13    | Wisconsin.....          | 2,069,042   | 31    | Colorado.....           | 539,700     | 48    | Hawaii.....             | 154,001     |
| 14    | Tennessee.....          | 2,020,616   | 32    | Florida.....            | 528,542     | 49    | Arizona.....            | 122,931     |
| 15    | North Carolina..        | 1,898,810   | 33    | Washington.....         | 518,103     | 50    | Wyoming.....            | 92,531      |
| 16    | New Jersey.....         | 1,883,669   | 34    | Rhode Island....        | 428,556     | 51    | Alaska.....             | 63,692      |
| 17    | Virginia.....           | 1,854,184   | 35    | Oregon.....             | 413,536     | 62    | Nevada.....             | 42,335      |
| 18    | Alabama.....            | 1,828,697   |       |                         |             |       |                         |             |

Population of Incorporated Places; Census of 1900.\*

ONE HUNDRED LARGEST CITIES.

| CITIES.             | Population. | CITIES.             | Population. | CITIES.              | Population. | CITIES.           | Population. |
|---------------------|-------------|---------------------|-------------|----------------------|-------------|-------------------|-------------|
| New York, N. Y.     | 3,437,202   | Tol do, Ohio        | 131,822     | Wilmington, Del.     | 76,508      | Kansas City, Kan. | 51,418      |
| Chicago, Ill.       | 1,608,875   | All gheny Pa.       | 129,896     | Camden, N. J.        | 75,935      | Harrisburg, Pa.   | 50,167      |
| Philadelphia, Pa.   | 1,238,973   | Columbus, Ohio      | 125,560     | Trenton, N. J.       | 73,307      | Portland, Me.     | 50,145      |
| St. Louis, Mo.      | 575,238     | Worcester, Mass.    | 118,421     | Troy, N. Y.          | 75,057      | Yonkers, N. Y.    | 47,931      |
| Boston, Mass.       | 508,577     | Syracuse, N. Y.     | 108,374     | Bridgeport, Ct.      | 70,996      | Norfolk, Va.      | 46,624      |
| Baltimore, Md.      | 505,757     | New Haven, Ct.      | 108,027     | Lynn, Mass.          | 68,513      | Waterbury, Ct.    | 45,859      |
| Cleveland, Ohio     | 383,768     | Paterson, N. J.     | 106,171     | Oakland, Cal.        | 66,900      | Holyoke, Mass.    | 45,712      |
| Buffalo, N. Y.      | 352,787     | Rail River, Mass.   | 104,863     | Lowell, Mass.        | 62,559      | Fort Wayne, Ind.  | 44,855      |
| San Francisco, Cal. | 342,782     | St. Joseph, Mo.     | 102,979     | New Bedford, Mass.   | 62,442      | Youngstown, Ohio. | 44,633      |
| Cincinnati, Ohio    | 325,902     | Omaha, Neb.         | 102,555     | Des Moines, Iowa.    | 62,139      | Covington, Ky.    | 42,938      |
| Pittsburgh, Pa.     | 321,616     | Los Angeles, Cal.   | 102,479     | Springfield, Mass.   | 62,045      | Akron, Ohio       | 42,728      |
| New Orleans, La.    | 287,104     | Memphis, Tenn.      | 102,320     | Somerville, Mass.    | 61,637      | Dallas, Tex.      | 42,638      |
| Detroit, Mich.      | 285,704     | Saratoga, Pa.       | 102,026     | Hoboken, N. J.       | 59,364      | Saginaw, Mich.    | 42,345      |
| Washington, D. C.   | 285,315     | Lowell, Mass.       | 94,969      | Evansville, Ind.     | 59,007      | Lancaster, Pa.    | 41,459      |
| Newark, N. J.       | 246,070     | Ithaca, N. Y.       | 94,151      | Manchester, N. H.    | 56,987      | Lincoln, Neb.     | 40,169      |
| Jersey City, N. J.  | 216,433     | New Haven, Conn.    | 91,886      | Portia, N. Y.        | 56,383      | Brockton, Mass.   | 40,063      |
| Louisville, Ky.     | 204,731     | Cambridge, Mass.    | 90,426      | Portia, Ill.         | 56,100      | Binghamton, N. Y. | 39,647      |
| Minneapolis, Minn.  | 202,718     | Portland, Ore.      | 90,426      | Charleston, S. C.    | 54,244      | Angusta, Ga.      | 39,341      |
| Providence, R. I.   | 175,597     | Atlanta, Ga.        | 87,872      | Savannah, Ga.        | 53,531      | Pawtucket, R. I.  | 39,321      |
| Indianapolis, Ind.  | 169,164     | Grand Rapids, Mich. | 87,565      | Salt Lake City, Utah | 53,321      | Wheeling, W. Va.  | 38,578      |
| Kansas City, Mo.    | 163,752     | Dayton, Ohio        | 85,333      | San Antonio, Tex.    | 52,969      | Mobile, Ala.      | 38,469      |
| St. Paul, Minn.     | 163,065     | Richmond, Va.       | 85,050      | Duluth, Minn.        | 52,733      | Birmingham, Ala.  | 38,419      |
| Hochester, N. Y.    | 161,208     | Nashville, Tenn.    | 80,865      | Erie, Pa.            | 52,130      |                   |             |
| Denver, Col.        | 133,552     | Seattle, Wash.      | 80,671      | Elizabeth, N. J.     | 51,721      |                   |             |
|                     |             | Hartford, Ct.       | 78,580      | Wilkes-Barre, Pa.    | 51,721      |                   |             |
|                     |             | Reading, Pa.        | 78,861      |                      |             |                   |             |

INCORPORATED PLACES HAVING 5,000 INHABITANTS OR MORE.

|                      |         |                      |         |                       |           |                      |         |
|----------------------|---------|----------------------|---------|-----------------------|-----------|----------------------|---------|
| Adrian, Mich.        | 9,654   | Bayonne, N. J.       | 32,722  | Cadillac, Mich.       | 5,997     | Columbus, Miss.      | 6,484   |
| Akron, Ohio          | 42,728  | Beatrice, Neb.       | 7,875   | Cairo, Ill.           | 12,566    | Columbus, Ohio       | 125,560 |
| Alameda, Cal.        | 16,364  | Beaumont, Tex.       | 9,427   | Calais, Me.           | 7,655     | Concord, N. H.       | 19,632  |
| Albany, N. Y.        | 94,151  | Beaverton, Wis.      | 5,128   | Cambridge, Md.        | 5,747     | Concord, N. C.       | 7,810   |
| Albuquerque, N.M.    | 6,238   | Bever Falls, Pa.     | 10,054  | Cambridge, Mass.      | 91,886    | Conneaut, Ohio.      | 7,133   |
| Alexandria, Ind.     | 7,221   | Bedford, Ind.        | 6,115   | Cambridge, Ohio       | 8,241     | Connellsville, Pa.   | 7,160   |
| Alexandria, La.      | 5,648   | Bellaire, Ohio       | 9,912   | Camden, N. J.         | 75,935    | Connersville, Ind.   | 6,836   |
| Alexandria, Va.      | 14,528  | Bellefontaine, Ohio. | 6,649   | Canal Dover, Ohio     | 5,422     | Conshohocken, Pa.    | 5,762   |
| Allegheny, Pa.       | 129,896 | Bellefonte, Pa.      | 17,484  | Canadaigua, N. Y.     | 6,151     | Corning, N. Y.       | 11,061  |
| Allentown, Pa.       | 35,416  | Belleme, Ky.         | 6,332   | Canton, Ill.          | 6,654     | Corry, Pa.           | 5,369   |
| Alliance, Ohio       | 8,974   | Beloit, Wis.         | 10,436  | Canton, Ohio          | 30,667    | Corsicana, Tex.      | 9,313   |
| Altoona, Mich.       | 11,892  | Belvidere, N. J.     | 6,837   | Carbondale, Pa.       | 13,536    | Coshocton, N. Y.     | 6,014   |
| Alton, Ill.          | 14,310  | Benton, Mo.          | 5,656   | Carlisle, Pa.         | 9,626     | Coshocton, Ohio      | 9,473   |
| Altoona, Pa.         | 38,973  | Benton Harbor, Mich. | 6,252   | Carnegie, Pa.         | 7,320     | Council Bluffs, Iowa | 25,802  |
| Americus, Ga.        | 7,674   | Berkeley, Cal.       | 13,214  | Carthage, Mo.         | 9,416     | Covington, Ky.       | 42,938  |
| Amsterdam, N. Y.     | 20,929  | Berlin, N. H.        | 8,856   | Catskill, N. Y.       | 5,484     | Crawfordsville, Ind. | 6,649   |
| Anaconda, Mont.      | 9,453   | Bessemer, Ala.       | 6,338   | Cedar Falls, Iowa     | 5,819     | Cripple Creek, Col.  | 10,147  |
| Anderson, Ind.       | 20,178  | Beulah, Pa.          | 7,293   | Cedar Rapids, Iowa    | 25,856    | Crookston, Mich.     | 5,359   |
| Anderson, S. C.      | 5,498   | Beverly, Mass.       | 13,884  | Centerville, Iowa     | 5,256     | Cumberland, Md.      | 17,128  |
| Annapolis, Md.       | 8,525   | Bideford, Me.        | 16,145  | Central Falls, R. I.  | 18,167    | Dallas, Tex.         | 42,638  |
| Ann Arbor, Mich.     | 14,509  | Bloxi, Miss.         | 5,467   | Chamria, Ill.         | 6,721     | Danbury, Ct.         | 16,537  |
| Ansonia, Ala.        | 9,695   | Binghamton, N. Y.    | 39,647  | Chambersburg, Pa.     | 8,864     | Danville, Ill.       | 16,354  |
| Ansonia, Ct.         | 12,681  | Birmingham, Ala.     | 38,415  | Champaign, Ill.       | 9,098     | Danville, Pa.        | 8,042   |
| Antigo, Wis.         | 5,145   | Bloomfield, N. J.    | 9,668   | Char-roi, Pa.         | 5,930     | Danville, Va.        | 16,520  |
| Appleton, Wis.       | 15,085  | Bloomington, Ill.    | 22,846  | Charleston, Ill.      | 5,488     | Davenport, Iowa.     | 35,254  |
| Archbold, Pa.        | 5,396   | Bloomington, Ind.    | 8,430   | Charleston, S. C.     | 11,099    | Dayton, Ohio         | 6,104   |
| Ardmore, I. T.       | 5,681   | Bloomsburg, Pa.      | 6,170   | Charleston, W. Va.    | 18,091    | Dayton, Ky.          | 85,333  |
| Argentine, Kan.      | 5,788   | Boise Island, Ill.   | 6,114   | Charlotte, N. C.      | 6,449     | Defiance, Ohio.      | 20,754  |
| Arkansas City, Kan.  | 6,140   | Boise, Idaho         | 5,937   | Charlotteville, Va.   | 6,489     | De Kalb, Ill.        | 7,940   |
| Asheville, N. C.     | 14,694  | Bonham, Tex.         | 5,042   | Chattanooga, Tenn.    | 30,154    | Delaware, Ohio.      | 11,807  |
| Ashtabula, Ky.       | 6,800   | Boone, Iowa          | 8,880   | Cheboygan, Mich.      | 34,072    | Denver, Col.         | 133,859 |
| Ashtabula, Pa.       | 6,438   | Boston, Mass.        | 560,892 | Chelsea, Mass.        | 33,988    | Derby, Ct.           | 0,790   |
| Ashtabula, Wis.      | 13,078  | Bowling Green, Ky.   | 6,150   | Chester, Pa.          | 14,087    | Des Moines, Iowa.    | 62,139  |
| Ashtabula, Ohio      | 12,949  | Bowling Green, Ohio  | 8,226   | Chicago, Mass.        | 19,167    | De Soto, Mo.         | 5,611   |
| Astoria, Ore.        | 8,381   | Bradford, Pa.        | 15,854  | Chicago, Ill.         | 1,695,570 | Detroit, Mich.       | 285,704 |
| Atchison, Kan.       | 15,722  | Bradford, Pa.        | 15,099  | Chicago Heights, Ill. | 5,100     | Dixon, Ill.          | 9,375   |
| Athens, Ga.          | 10,245  | Brainerd, Minn.      | 7,524   | Chicago, Ill.         | 6,805     | Dover, N. H.         | 9,375   |
| Atlanta, Ga.         | 89,872  | Brazelboro, Vt.      | 5,297   | Chillicothe, Ohio     | 12,976    | Dover, N. J.         | 5,938   |
| Atlantic City, Iowa  | 5,046   | Brazill, Ind.        | 7,786   | Chippewa Falls, Wis.  | 8,094     | Dubuois, Pa.         | 9,375   |
| Atlantic City, N. J. | 27,538  | Brenham, Tex.        | 5,968   | Cincinnati, Ohio      | 328,902   | Dubuque, Iowa.       | 36,297  |
| Auburn, Me.          | 12,951  | Bridgeport, Ct.      | 70,996  | Circleville, Ohio     | 6,991     | Duluth, Minn.        | 52,969  |
| Auburn, N. Y.        | 30,345  | Bristol, N. J.       | 13,913  | Clarksville, Tenn.    | 9,431     | Dunkirk, N. V.       | 11,616  |
| Augusta, Ga.         | 11,883  | Bristol, Pa.         | 6,268   | Cleburne, Tex.        | 5,051     | Dunmore, Pa.         | 12,883  |
| Augusta, Me.         | 11,443  | Bristol, Tenn.       | 7,104   | Cleveland, Ohio       | 381,768   | Duquesne, Pa.        | 9,036   |
| Aurora, Ill.         | 24,147  | Brockton, Mass.      | 40,063  | Cleveland, Ohio       | 22,698    | East Liverpool, Ohio | 16,485  |
| Aurora, Mo.          | 6,191   | Brookfield, Wis.     | 5,484   | Clinton, Mo.          | 5,061     | Easton, Pa.          | 28,528  |
| Austin, Minn.        | 5,474   | Brunswick, Ga.       | 6,305   | Columbia, Pa.         | 5,721     | East Orange, N. J.   | 21,506  |
| Austin, Tex.         | 22,258  | Brunswick, Me.       | 9,081   | Cohoes, N. Y.         | 23,910    | Eastport, Me.        | 5,311   |
| Baker City, Ore.     | 6,663   | Buffalo, N. Y.       | 5,210   | Coldwater, Mich.      | 6,216     | East St. Louis, Ill. | 29,655  |
| Baltimore, Md.       | 508,937 | Burlington, Iowa.    | 6,560   | Colo. Springs, Col.   | 21,085    | Eau Claire, Wis.     | 17,517  |
| Bangor, Me.          | 5,751   | Burlington, N. J.    | 352,387 | Columbia, Mo.         | 5,651     | Edwardsville, Pa.    | 5,165   |
| Baraboo, Wis.        | 8,448   | Burlington, Iowa.    | 7,104   | Columbia, S. C.       | 12,316    | Elgin, Ill.          | 22,433  |
| Barre, Vt.           | 8,448   | Burlington, N. Y.    | 7,392   | Columbia, Tenn.       | 6,052     | Elizabeth, N. J.     | 52,130  |
| Batavia, N. Y.       | 9,180   | Burlington, Vt.      | 18,640  | Columbus, Ga.         | 17,814    | Elizabeth, N. C.     | 6,345   |
| Bath, Me.            | 10,477  | Butler, Pa.          | 10,853  | Columbus, Ind.        | 8,130     |                      |         |
| Baton Rouge, La.     | 11,269  | Butte, Mont.         | 30,470  | Columbus, Ind.        | 8,130     |                      |         |
| Battle Creek, Mich.  | 18,563  |                      |         |                       |           |                      |         |
| Bay City, Mich.      | 27,628  |                      |         |                       |           |                      |         |

\*As reported by the U. S. Census Office. Unincorporated towns and townships were not considered.

384 Population of Incorporated Places in the United States.

INCORPORATED PLACES HAVING 5,000 INHABITANTS OR MORE—Continued.

| CITIES.                  | Popula-<br>tion. | CITIES.                   | Popula-<br>tion. | CITIES.                    | Popula-<br>tion. | CITIES.                   | Popula-<br>tion. |
|--------------------------|------------------|---------------------------|------------------|----------------------------|------------------|---------------------------|------------------|
| Elkhart, Ind. ....       | 15,184           | Haverstraw, N. Y. ....    | 5,935            | Lima, Ohio. ....           | 21,723           | Mt. Vernon, Ind. ....     | 5,138            |
| Elmira, N. Y. ....       | 35,672           | Hazelton, Pa. ....        | 14,230           | Lincoln, Ill. ....         | 8,962            | Mt. Vernon, N. Y. ....    | 21,292           |
| El Paso, Tex. ....       | 15,906           | Helena, Ark. ....         | 5,550            | Lincoln, Neb. ....         | 40,169           | Mt. Vernon, Ohio. ....    | 6,633            |
| Elwood, Ind. ....        | 12,950           | Helena, Mont. ....        | 10,770           | Litchfield, Ill. ....      | 5,918            | Muncie, Ind. ....         | 20,947           |
| Elyria, Ohio. ....       | 8,791            | Henders-on, Ky. ....      | 10,272           | Little Falls, Minn. ....   | 5,774            | Murphysboro, Ill. ....    | 6,446            |
| Emporia, Kan. ....       | 8,223            | Herkimer, N. Y. ....      | 5,555            | Little Falls, N. Y. ....   | 10,381           | Muscatine, Iowa. ....     | 14,077           |
| Englewood, N. J. ....    | 6,253            | Hillsboro, Tex. ....      | 5,346            | Little Rock, Ark. ....     | 38,307           | Muskegon, Mich. ....      | 20,811           |
| Erie, Pa. ....           | 52,733           | Hoboken, N. J. ....       | 59,364           | Lock Haven, Pa. ....       | 7,210            | Nanticoke, Pa. ....       | 12,111           |
| Escanaba, Mich. ....     | 9,549            | Holland, Mich. ....       | 7,790            | Lockport, N. Y. ....       | 16,581           | Nashua, N. H. ....        | 23,891           |
| Etna, Pa. ....           | 5,384            | Holyoke, Mass. ....       | 45,712           | Logan, Utah. ....          | 5,451            | Nashville, Tenn. ....     | 80,861           |
| Eureka, Cal. ....        | 7,927            | Honestead, Pa. ....       | 12,154           | Logansport, Ind. ....      | 16,204           | Natchez, Miss. ....       | 12,211           |
| Evans-ton, Ill. ....     | 19,259           | Honolulu, Hawaii. ....    | 39,306           | Long Branch, N. J. ....    | 8,872            | Naugatuck, Ct. ....       | 10,541           |
| Evansville, Ind. ....    | 59,007           | Hoosick Falls, N. Y. .... | 5,671            | Lorain, Ohio. ....         | 16,028           | Nebraska City, Neb. ....  | 7,338            |
| Everett, Mass. ....      | 24,336           | Hopkinsville, Ky. ....    | 7,280            | Los Angeles, Cal. ....     | 102,479          | Neenah, Wis. ....         | 5,995            |
| Everett, Wash. ....      | 7,838            | Hornelsville, N. Y. ....  | 11,918           | Louisiana City, Mo. ....   | 5,131            | Negaunee, Mich. ....      | 6,931            |
| Fairmont, W. Va. ....    | 5,655            | Hot Springs, Ark. ....    | 9,973            | Louisville, Ky. ....       | 204,731          | Nelsonville, Ohio. ....   | 5,421            |
| Fall River, Mass. ....   | 104,863          | Houston, Tex. ....        | 44,633           | Lowell, Mass. ....         | 94,969           | Nevada, Mo. ....          | 7,461            |
| Fargo, N. Dak. ....      | 9,589            | Hudson, N. Y. ....        | 9,528            | Ludington, Mich. ....      | 7,166            | New Albany, Ind. ....     | 20,622           |
| Fairbault, Minn. ....    | 7,868            | Huntingdon, Pa. ....      | 6,053            | Lynchburg, Va. ....        | 18,891           | Newark, N. J. ....        | 246,027          |
| Fergus Falls, Minn. .... | 6,072            | Huntington, Ind. ....     | 11,491           | Lynn, Mass. ....           | 85,513           | Newark, Ohio. ....        | 15,145           |
| Findlay, Ohio. ....      | 17,613           | Huntington, W. Va. ....   | 11,923           | McKeesport, Pa. ....       | 24,297           | New Bedford, Mass. ....   | 62,445           |
| Fitchburg, Mass. ....    | 31,631           | Huntsville, Ala. ....     | 8,068            | McKee's Rocks, Pa. ....    | 6,352            | Newbern, N. C. ....       | 9,091            |
| Flint City, Mich. ....   | 13,103           | Hutchinson, Kan. ....     | 9,379            | Macomb, Ill. ....          | 5,375            | New Brighton, Pa. ....    | 6,822            |
| Florence, Ala. ....      | 6,418            | Hon, N. Y. ....           | 5,138            | Macon, Ga. ....            | 23,272           | New Britain, Ct. ....     | 25,999           |
| Fond du Lac, Wis. ....   | 15,110           | Independence, Mo. ....    | 6,974            | Madison, Ind. ....         | 7,835            | New Brunswick, N. J. .... | 20,000           |
| Fort Dodge, Iowa. ....   | 12,162           | Indianapolis, Ind. ....   | 169,164          | Madison, Wis. ....         | 19,164           | Newburgh, N. Y. ....      | 24,942           |
| Fort Madison, Iowa. .... | 9,278            | Iola, Kan. ....           | 5,791            | Maha-noy, Pa. ....         | 13,504           | Newburgh, Ohio. ....      | 5,909            |
| Fort Scott, Kan. ....    | 10,322           | Ionia City, Mich. ....    | 5,209            | Malden, Mass. ....         | 33,664           | Newburyport, Mass. ....   | 14,478           |
| Fort Smith, Ark. ....    | 11,687           | Iowa City, Iowa. ....     | 7,987            | Malone, N. Y. ....         | 5,935            | Newcastle, Pa. ....       | 25,838           |
| Fort Wayne, Ind. ....    | 45,115           | Iron Mountain, M'h. ....  | 9,342            | Manchester, N. H. ....     | 18,891           | Newark, N. J. ....        | 108,027          |
| Fort Worth, Tex. ....    | 26,688           | Irvington, N. Y. ....     | 11,868           | Manchester, Va. ....       | 9,715            | New Iberia, La. ....      | 6,815            |
| Fostoria, Ohio. ....     | 7,730            | Ironton, Mich. ....       | 9,705            | Manistee, Mich. ....       | 14,260           | New London, Ct. ....      | 17,548           |
| Frankfort Ind. ....      | 7,100            | Irrington, N. J. ....     | 5,255            | Manitowoc, Wis. ....       | 11,786           | New Orleans, La. ....     | 287,104          |
| Frankfort, Ky. ....      | 9,487            | Ishpeming, Mich. ....     | 13,255           | Mankato, Minn. ....        | 10,599           | N. Philadelphia, O. ....  | 6,213            |
| Franklin, N. H. ....     | 5,846            | Ithaca, N. Y. ....        | 13,136           | Mansfield, Ohio. ....      | 17,640           | Newport, Ky. ....         | 28,301           |
| Franklin City, Pa. ....  | 7,317            | Jackson, Mich. ....       | 25,180           | Marietta, Ohio. ....       | 13,348           | Newport, R. I. ....       | 22,034           |
| Frederick, Md. ....      | 9,296            | Jackson, Miss. ....       | 7,816            | Marinette, Wis. ....       | 16,195           | Newport News, Va. ....    | 19,635           |
| Fredericksburg, Va. .... | 5,068            | Jackson, Tenn. ....       | 14,311           | Marion, Ind. ....          | 17,357           | New Rochelle, N. Y. ....  | 14,720           |
| Freeland, Pa. ....       | 5,254            | Jacksonville, Fla. ....   | 28,429           | Marion, Ohio. ....         | 11,862           | Newton, Kan. ....         | 6,208            |
| Freeport, Ill. ....      | 13,258           | Jacksonville, Fl. ....    | 12,078           | Marion, Miss. ....         | 13,609           | Northampton, Mass. ....   | 33,827           |
| Fremont, Neb. ....       | 7,241            | Jamestown, N. Y. ....     | 29,892           | Marquette, Mich. ....      | 10,058           | New Ulm, Minn. ....       | 5,403            |
| Fremont, Ohio. ....      | 8,439            | Jamestown, Wis. ....      | 13,183           | Marshall, Mo. ....         | 5,086            | N. Whatcom, Wash. ....    | 6,834            |
| Fresno, Cal. ....        | 12,470           | Jeannette, Pa. ....       | 5,865            | Marshall, Tex. ....        | 7,855            | New York, N. Y. ....      | 3,437,202        |
| Frostburg, Md. ....      | 5,274            | Jefferson, Mo. ....       | 9,664            | Marshalltown, Iowa ....    | 11,544           | Niagara Falls, N. Y. .... | 19,457           |
| Fulton, N. Y. ....       | 5,281            | Jeffers-ville, Ind. ....  | 10,774           | Marshfield, Wis. ....      | 5,240            | Niles, Ohio. ....         | 7,468            |
| Gainesville, Ga. ....    | 7,874            | Jersey City, N. J. ....   | 206,433          | Martinsburg, W. Va. ....   | 7,564            | Nome, Alaska * ....       | 12,488           |
| Galena, Ill. ....        | 5,005            | Johnstown, N. Y. ....     | 10,130           | Martin's Ferry, Ohio. .... | 7,760            | Norfolk, Va. ....         | 46,624           |
| Galena, Kan. ....        | 10,155           | Johnstown, Pa. ....       | 35,936           | Mason City, Iowa. ....     | 6,746            | Norristown, Pa. ....      | 22,265           |
| Galesburg, Ill. ....     | 18,607           | Joliet, Ill. ....         | 29,353           | Massillon, Ohio. ....      | 11,944           | North Adams, Mass. ....   | 24,200           |
| Galion, Ohio. ....       | 7,282            | Joplin, Mo. ....          | 26,023           | Matawan, N. Y. ....        | 6,807            | Northampton, Mass. ....   | 18,643           |
| Gallipolis, Ohio. ....   | 5,782            | Kalamazoo, Mich. ....     | 24,404           | Mattoon, Ill. ....         | 9,692            | North Braddock, Pa. ....  | 6,535            |
| Galveston, Tex. ....     | 37,788           | Kane, Pa. ....            | 5,296            | Maysville, Ky. ....        | 6,423            | N. Plainfield, N. J. .... | 5,009            |
| Gardner, Me. ....        | 5,501            | Kankakee, Ill. ....       | 13,595           | Mc-dville, Pa. ....        | 10,291           | N. Tonawanda, N. Y. ....  | 9,069            |
| Geneva, N. Y. ....       | 10,433           | Kansas City, Kan. ....    | 51,418           | Medford, Mass. ....        | 18,244           | Norwalk, Ct. ....         | 6,125            |
| Geneva Falls, N. Y. .... | 12,613           | Kansas City, Mo. ....     | 163,752          | Melrose, Mass. ....        | 12,962           | Norwalk, Ohio. ....       | 7,074            |
| Glenville, Ohio. ....    | 5,588            | Kaukauna, Wis. ....       | 5,115            | Memphis, Tenn. ....        | 102,320          | Norwich, Ct. ....         | 17,251           |
| Gloucester, Mass. ....   | 26,121           | Kearyna, Neb. ....        | 5,634            | Menasha, Wis. ....         | 5,589            | Norwich, N. Y. ....       | 5,766            |
| Gloucester, N. J. ....   | 6,840            | Kearyn, N. J. ....        | 10,896           | Menominee, Mich. ....      | 12,818           | Norwood, Ohio. ....       | 6,480            |
| Gloversville, N. Y. .... | 18,349           | Keene, N. H. ....         | 9,165            | Menominee, Wis. ....       | 5,655            | Oakland, Cal. ....        | 66,890           |
| Goldsboro, N. C. ....    | 5,877            | Kenosha, Wis. ....        | 11,606           | Mendon, Ct. ....           | 24,626           | Oakton, Wis. ....         | 6,646            |
| Goshen, Ind. ....        | 7,571            | Kenton, Ohio. ....        | 8,852            | Merriden, Miss. ....       | 14,550           | Oelwein, Iowa. ....       | 5,142            |
| Gratton, W. Va. ....     | 8,560            | Keokuk, Iowa. ....        | 14,641           | Merrill, Wis. ....         | 8,537            | Ogden, Utah. ....         | 16,213           |
| Grand Forks, N. D. ....  | 7,652            | Kewanee, Ill. ....        | 8,382            | Mexico, Mo. ....           | 5,099            | Ogdensburg, N. Y. ....    | 12,633           |
| Grand Island, Neb. ....  | 7,554            | Key West, Fla. ....       | 17,114           | Michigan City, Ind. ....   | 14,850           | Oil City, Pa. ....        | 12,364           |
| G'd Rapids, Mich. ....   | 87,565           | Kingston, N. Y. ....      | 24,335           | Middletown, Ct. ....       | 9,589            | Oklahoma City, Okla. .... | 10,037           |
| Great Falls, Mont. ....  | 14,930           | Kirksville, Mo. ....      | 5,966            | Middletown, N. Y. ....     | 14,522           | Old Forge, Pa. ....       | 5,630            |
| Green Bay, Wis. ....     | 18,684           | Knoxville, Tenn. ....     | 32,637           | Middletown, Ohio. ....     | 9,215            | Oldtown, Me. ....         | 5,763            |
| Greensboro, N. C. ....   | 10,035           | Kokomo, Ind. ....         | 10,609           | Middletown, Pa. ....       | 6,508            | Olean, N. Y. ....         | 9,482            |
| Greensburg, Ind. ....    | 5,034            | La-onia, N. H. ....       | 8,042            | Millsville, Pa. ....       | 6,736            | Olyphant, Pa. ....        | 6,180            |
| Greensburg, Pa. ....     | 6,508            | Lacrosse, Wis. ....       | 28,895           | Milville, N. J. ....       | 10,532           | Oranah, Neb. ....         | 6,446            |
| Greenville, S. C. ....   | 7,842            | Lafayette, Ind. ....      | 18,116           | Milton, Pa. ....           | 6,175            | Oranida, N. W. ....       | 6,364            |
| Greenville, Ohio. ....   | 5,501            | Lake Charles, La. ....    | 6,680            | Milwaukee, Wis. ....       | 285,315          | Oneonta, N. Y. ....       | 7,147            |
| Greenville, S. C. ....   | 11,860           | Lancaster, Ohio. ....     | 8,991            | Minneapolis, Minn. ....    | 202,718          | Orange City, N. J. ....   | 24,141           |
| Greenville, Tex. ....    | 6,860            | Lancaster, Pa. ....       | 41,459           | Mishawaka, Ind. ....       | 5,560            | Oshkosh, Wis. ....        | 28,284           |
| Griffin, Ga. ....        | 6,857            | Lansing, Mich. ....       | 16,455           | Moberly, Mo. ....          | 8,012            | Oskaloosa, Iowa. ....     | 9,212            |
| Guthrie, Okla. ....      | 10,006           | Lansingburg, N. Y. ....   | 12,595           | Mobile, Ala. ....          | 38,469           | Ossining, N. Y. ....      | 7,939            |
| Hackensack, N. J. ....   | 9,443            | Laporte, Ind. ....        | 7,113            | Moline, Ill. ....          | 17,248           | Oswego, N. Y. ....        | 22,199           |
| Hagerstown, Md. ....     | 13,941           | Laramie, Wyo. ....        | 8,207            | Monmouth, Ill. ....        | 7,460            | Ottawa, Ill. ....         | 10,588           |
| Hamilton, Ohio. ....     | 23,314           | Laredo, Tex. ....         | 13,429           | Monongahela, Pa. ....      | 5,173            | Ottawa, Kan. ....         | 6,934            |
| Hammond, Ind. ....       | 12,376           | La Salle, Ill. ....       | 10,446           | Monroe, La. ....           | 5,429            | Ottumwa, Iowa. ....       | 18,194           |
| Hannibal, Mo. ....       | 12,770           | Laurin, Mich. ....        | 8,743            | Monroe, Mich. ....         | 5,043            | Owatonna, Minn. ....      | 5,561            |
| Hanover, Pa. ....        | 5,302            | Lawrence, Kan. ....       | 10,832           | Monterclair, N. J. ....    | 13,992           | Owego, N. Y. ....         | 5,039            |
| Harrisburg, Pa. ....     | 50,167           | Lawrence, Mass. ....      | 62,559           | Montgomery, Ala. ....      | 30,346           | Owensboro, Ky. ....       | 13,189           |
| Harrison, N. J. ....     | 10,596           | Lead, S. Dak. ....        | 6,210            | Montpelier, Vt. ....       | 6,266            | Owosso, Mich. ....        | 6,696            |
| Hartford, Conn. ....     | 79,850           | Leadville, Col. ....      | 12,445           | Morristown, N. J. ....     | 11,267           | Paducah, Ky. ....         | 19,446           |
| Hartford, Ind. ....      | 5,912            | Leavenworth, Kan. ....    | 20,735           | Moundsville, W. Va. ....   | 5,362            | Painesville, Ohio. ....   | 8,024            |
| Harvey, Ill. ....        | 5,395            | Lebanon, Pa. ....         | 17,628           | Mt. Carmel, Pa. ....       | 13,179           | Paletine, Tex. ....       | 8,297            |
| Hastings, Neb. ....      | 7,188            | Lewiston, Me. ....        | 23,761           | Mt. Clemens, Mich. ....    | 6,576            | Pana, Ill. ....           | 6,630            |
| Haverhill, Mass. ....    | 37,175           | Lexington, Ky. ....       | 26,369           | Mt. Vernon, Ill. ....      | 5,216            | Paris, Ill. ....          | 6,106            |



INCORPORATED PLACES HAVING 5,000 INHABITANTS OR MORE—Continued.

| CITIES.             | Popula-<br>tion. | CITIES.                 | Popula-<br>tion. | CITIES.              | Popula-<br>tion. | CITIES.              | Popula-<br>tion. |
|---------------------|------------------|-------------------------|------------------|----------------------|------------------|----------------------|------------------|
| Paris, Tex.         | 9,358            | Rochester, N. Y.        | 162,608          | South Bethlehem, Pa. | 13,241           | Vicksburg, Miss.     | 14,834           |
| Parkersburg, W. Va. | 11,703           | Rockford, Ill.          | 31,051           | South Norwalk, Ct.   | 6,591            | Vinennes, Ind.       | 10,249           |
| Parsons, Kan.       | 7,682            | Rock Hill, S. C.        | 5,485            | South Omaha, Neb.    | 26,001           | Wabash, Ind.         | 8,918            |
| Pasadena, Cal.      | 9,117            | Rock Island, Ill.       | 19,983           | Spokane, Wash.       | 6,287            | Waco, Tex.           | 20,686           |
| Passaic, N. J.      | 27,777           | Rockland, Me.           | 8,150            | Spokane Falls, Wash. | 11,395           | Walla Walla, Wash.   | 10,049           |
| Paterson, N. J.     | 105,171          | Rockville, Ct.          | 7,281            | Spartanburg, S. C.   | 36,844           | Walla Walla, Wash.   | 6,737            |
| Pawtucket, R. I.    | 39,231           | Rome, N. Y.             | 15,343           | Springfield, Ill.    | 34,159           | Waltham, Mass.       | 23,381           |
| Peekskill, N. Y.    | 10,450           | Rutand, Ariz.           | 11,499           | Springfield, Mass.   | 62,059           | Warren, Ohio         | 8,529            |
| Pekin, Ill.         | 17,747           | Sacramento, Cal.        | 29,282           | Springfield, Mo.     | 23,297           | Warren, Pa.          | 8,043            |
| Pensacola, Fla.     | 15,730           | Saginaw, Mich.          | 42,345           | Springfield, Ohio    | 38,253           | Washington, D. C.    | 278,718          |
| Peoria, Ill.        | 56,100           | St. Albans, Vt.         | 6,239            | Spring Valley, Ill.  | 6,214            | Washington, Ind.     | 8,551            |
| Perth Amboy, N. J.  | 17,699           | St. Charles, Mo.        | 7,982            | Stamford, Conn.      | 15,997           | Washington, Pa.      | 7,670            |
| Perrin, Ind.        | 8,663            | St. Cloud, Minn.        | 8,663            | Stanton, Va.         | 7,299            | Washington, C. H. O. | 5,751            |
| Perris, Cal.        | 8,463            | St. Joseph, Mo.         | 5,155            | Steelton, Pa.        | 12,868           | Waterbury, Ct.       | 45,859           |
| Petersburg, Va.     | 21,810           | St. Louis, Mo.          | 575,338          | Sterling, Ill.       | 6,309            | Waterbury, Iowa      | 12,580           |
| Peterson, Mich.     | 5,285            | St. Mary's, Ohio.       | 5,359            | Stevens Point, Wis.  | 9,524            | Watertown, N. Y.     | 21,695           |
| Philadelphia, Pa.   | 1,293,697        | St. Paul, Minn.         | 163,065          | Stillwater, Minn.    | 12,316           | Watertown, Wis.      | 8,437            |
| Phillipsburg, N. J. | 10,052           | Salem, Mass.            | 35,956           | Stockton, Cal.       | 17,506           | Waterville, Me.      | 9,477            |
| Phoenix, Ariz.      | 5,434            | Salem, N. J.            | 5,811            | Streator, Ill.       | 14,079           | Waterriet, N. Y.     | 14,321           |
| Phoenixville, Pa.   | 1,196            | Salem, Ohio             | 7,582            | Summit, N. J.        | 5,402            | Waukegan, Ill.       | 9,426            |
| Pine Bluff, Ark.    | 11,436           | Salina, Kan.            | 6,074            | Sumner, S. C.        | 5,673            | Waukesha, Wis.       | 7,419            |
| Piqua, Ohio         | 12,172           | Salisbury, N. C.        | 6,277            | Superior, Wis.       | 9,810            | Wausau, Wis.         | 12,554           |
| Pittsburgh, Kan.    | 10,112           | Salt Lake, Utah.        | 53,331           | Syracuse, N. Y.      | 108,374          | Waycross, Ga.        | 5,919            |
| Pittsburgh, Pa.     | 321,616          | San Antonio, Tex.       | 53,321           | Tacoma, Wash.        | 37,714           | Waynesboro, Pa.      | 5,396            |
| Pittsfield, Mass.   | 12,556           | San Bernardino, Cal.    | 6,150            | Taladega, Ala.       | 5,065            | Webb City, Mo.       | 9,201            |
| Pittsboro, N. C.    | 15,319           | San Diego, Cal.         | 17,700           | Tamaqua, Pa.         | 7,267            | Wellston, Ohio       | 8,505            |
| Plattsburg, N. Y.   | 8,434            | Sandusky, Ohio          | 19,664           | Tampa, Fla.          | 15,839           | Wellsville, Ohio     | 6,146            |
| Plymouth, Pa.       | 13,649           | San Francisco, Cal.     | 342,782          | Tarentum, Pa.        | 5,472            | Wellsville, Ohio     | 13,119           |
| Pomona, Cal.        | 5,826            | San Jose, Cal.          | 21,500           | Taunton, Mass.       | 31,036           | Westbrook, Me.       | 7,283            |
| Pontiac, Mich.      | 9,769            | Santa Barbara, Cal.     | 6,587            | Temple, Tex.         | 7,065            | West Chester, Pa.    | 9,524            |
| Portage, Wis.       | 5,459            | Santa Cruz, Cal.        | 5,659            | Terre Haute, Ind.    | 36,873           | West Haven, Ct.      | 23,094           |
| Port Chester, N. Y. | 7,440            | Santa Fe, N. M.         | 5,603            | Terrell, Tex.        | 6,320            | West Hoboken, N. J.  | 5,287            |
| Port Huron, Mich.   | 12,158           | Santa Rosa, Cal.        | 6,673            | Texarkana, Tex.      | 6,320            | West New York, N. J. | 2,994            |
| Port Jervis, N. Y.  | 8,385            | Sault Ste. Marie, Mich. | 12,409           | Thomassville, Ga.    | 5,322            | West Orange, N. J.   | 6,899            |
| Portland, Me.       | 50,145           | Savannah, Ga.           | 54,244           | Tiffin, Ohio         | 10,889           | West Pittsburg, Pa.  | 5,846            |
| Portland, Ore.      | 90,426           | Savannah, Ga.           | 5,243            | Titusville, Pa.      | 8,244            | Wheeling, W. Va.     | 38,878           |
| Portsmouth, N. H.   | 10,637           | Scranton, Pa.           | 102,026          | Toledo, Ohio         | 131,822          | White Plains, N. Y.  | 7,899            |
| Portsmouth, Ohio    | 17,870           | Seattle, Wash.          | 80,671           | Tomawanda, N. Y.     | 7,421            | Wilkes-Barre, Pa.    | 24,671           |
| Portsmouth, Va.     | 17,427           | Sedalia, Mo.            | 15,211           | Tonawanda, N. Y.     | 33,608           | Wilkes-Barre, Pa.    | 11,886           |
| Portstown, Pa.      | 13,696           | Selma, Ala.             | 8,713            | Topeka, Kan.         | 8,260            | Williamsport, Pa.    | 28,377           |
| Pottsville, Pa.     | 15,710           | Seymour Falls, N. Y.    | 6,519            | Torrington, Ct.      | 9,407            | Williamstown, N. J.  | 8,937            |
| Poughkeepsie, N. Y. | 24,029           | Sharon, Pa.             | 18,202           | Traverse City, Mich. | 5,396            | Wilmington, Del.     | 76,508           |
| Princeton, Ind.     | 6,041            | Sharpsburg, Pa.         | 8,916            | Trenton, Mo.         | 5,396            | Wilmington, N. C.    | 20,976           |
| Providence, R. I.   | 175,597          | Sheboygan, Wis.         | 22,962           | Trinidad, Col.       | 75,307           | Winchester, Ky.      | 5,964            |
| Provo, Utah         | 8,183            | Sheboygan, Wis.         | 7,169            | Troy, N. Y.          | 5,345            | Winchester, Va.      | 5,161            |
| Pueblo, Col.        | 28,157           | Shelbyville, Ind.       | 10,243           | Troy, Ohio           | 60,651           | Winona, Minn.        | 19,714           |
| Putnam, C.          | 6,667            | Sherman, Tex.           | 10,243           | Tucson, Ariz.        | 7,531            | Winsted, Ct.         | 6,804            |
| Quincy, Ill.        | 33,252           | Shreveport, La.         | 16,013           | Tuscaloosa, Ala.     | 5,094            | Winston-Salem, N. C. | 13,660           |
| Quincy, Mass.       | 23,899           | Sidney, Ohio            | 5,688            | Tyler, Tex.          | 8,069            | Woburn, Mass.        | 14,264           |
| Racine, Wis.        | 29,102           | Sioux City, Iowa        | 33,111           | Tyler, Tex.          | 8,069            | Woodstock, R. I.     | 28,204           |
| Rahway, N. J.       | 7,833            | Sioux Falls, S. Dak.    | 10,266           | Tyrene, Pa.          | 15,187           | Woodsport, Ohio      | 6,003            |
| Raleigh, N. C.      | 11,643           | Somersworth, N. H.      | 7,023            | Union, N. J.         | 5,400            | Worcester, Mass.     | 118,421          |
| Reading, Pa.        | 78,961           | Somerville, Mass.       | 61,643           | Uniontown, Pa.       | 7,444            | Wyandotte, Kan.      | 5,183            |
| Red Bank, N. J.     | 5,428            | South Amboy, N. J.      | 6,349            | Urbana, Ill.         | 5,728            | Xenia, Ohio          | 8,996            |
| Red Wing, Minn.     | 7,525            | South Bend, Ind.        | 35,999           | Urbana, Ohio         | 6,808            | Yonkers, N. Y.       | 47,931           |
| Ridgely, Md.        | 7,466            |                         |                  | Utica, N. Y.         | 56,383           | York, Neb.           | 5,132            |
| Richmond, Ind.      | 18,226           |                         |                  | Valdosta, Ga.        | 5,612            | York, Pa.            | 33,708           |
| Richmond, Va.       | 85,500           |                         |                  | Vallejo, Cal.        | 7,965            | Youngstown, Ohio     | 44,885           |
| Riverside, Cal.     | 7,973            |                         |                  | Valparaiso, Ind.     | 6,280            | Ypsilanti, Mich.     | 7,378            |
| Rossmore, Va.       | 21,495           |                         |                  | Van Wert, Ohio       | 6,422            | Zanesville, Ohio     | 23,538           |
| Rochester, Minn.    | 6,843            |                         |                  |                      |                  |                      |                  |
| Rochester, N. H.    | 8,466            |                         |                  |                      |                  |                      |                  |

\* Not incorporated. † Texarkana, Tex., has 5,256; Texarkana, Ark., a separate incorporation, 4,914. ‡ Winston, 10,905; Salem, 3,642—separate places, but practically one town, having only one post-office, Winston-Salem.

POPULATION OF NEW ENGLAND TOWNS NOT INCLUDED IN THE ABOVE TABULATION.

| CITIES.        | Popula-<br>tion. | CITIES.          | Popula-<br>tion. | CITIES.         | Popula-<br>tion. | CITIES.          | Popula-<br>tion. |
|----------------|------------------|------------------|------------------|-----------------|------------------|------------------|------------------|
| CONNECTICUT.   |                  |                  |                  |                 |                  |                  |                  |
| Bradford       | 5,706            | Athol            | 7,061            | Loomister       | 12,392           | Webster          | 8,804            |
| East Hartford  | 6,406            | Attleboro        | 11,315           | Milford         | 11,376           | Westfield        | 12,310           |
| Greenwich      | 12,172           | Blackstone       | 5,721            | Milton          | 6,578            | West Springfield | 7,105            |
| Groton         | 5,979            | Braintree        | 5,981            | Montague        | 6,150            | Winchendon       | 5,001            |
| Killingly      | 6,835            | Brookline        | 19,335           | Natick          | 9,488            | Whitman          | 6,155            |
| Manchester     | 10,601           | Clynton          | 13,667           | North Attleboro | 7,253            | Winchester       | 7,248            |
| Orange         | 6,995            | Concord          | 5,652            | Northbridge     | 9,305            |                  |                  |
| Southington    | 5,890            | Dan              | 13,667           | Norwood         | 5,480            | RHODE ISLAND.    |                  |
| Stonington     | 8,540            | Danvers          | 8,549            | Northampton     | 5,520            | Bristol          | 6,901            |
|                |                  | Danvers          | 7,457            | Palmer          | 7,801            | Burrillville     | 6,317            |
|                |                  | Easthampton      | 5,603            | Peabody         | 11,523           | Coventry         | 5,279            |
|                |                  | Framingham       | 11,302           | Plymouth        | 9,532            | East Providence  | 12,138           |
| MASSACHUSETTS. |                  |                  |                  |                 |                  |                  |                  |
| Adams          | 11,134           | Franklin         | 5,017            | Revere          | 10,395           | Lincoln          | 8,937            |
| Amesbury       | 9,473            | Gardner          | 10,813           | Rockland        | 5,327            | Warren           | 5,108            |
| Amherst        | 5,028            | Great Barrington | 5,854            | Saugus          | 5,084            | Warewick         | 21,316           |
| Andover        | 6,813            | Greenfield       | 7,927            | Stoneham        | 6,187            | Westerly         | 7,541            |
| Arlington      | 8,603            | Hyde Park        | 13,244           | Watertown       | 9,706            |                  |                  |

## Foreign-Born Population of Largest Cities

OF THE UNITED STATES—CENSUS OF 1900.

| PRINCIPAL COUNTRIES OF BIRTH. | BALTIMORE. |         | BOSTON.  |         | BUFFALO. |         | CHICAGO. |         | CINCINNATI. |         | CLEVELAND. |         | DETROIT. |         |
|-------------------------------|------------|---------|----------|---------|----------|---------|----------|---------|-------------|---------|------------|---------|----------|---------|
|                               | Num-ber.   | Per Ct. | Num-ber. | Per Ct. | Num-ber. | Per Ct. | Num-ber. | Per Ct. | Num-ber.    | Per Ct. | Num-ber.   | Per Ct. | Num-ber. | Per Ct. |
| Total.....                    | 68,600     | 100     | 197,129  | 100     | 104,262  | 100     | 587,112  | 100     | 57,961      | 100     | 124,631    | 100     | 96,503   | 100     |
| Austria.....                  | 1,356      | 2.0     | 1,115    | 0.6     | 776      | 0.8     | 11,815   | 2.0     | 654         | 1.1     | 4,630      | 3.7     | 471      | 0.5     |
| Bohemia.....                  | 2,321      | 3.4     | 93       | *       | 39       | *       | 36,362   | 6.2     | 94          | 0.2     | 13,599     | 10.9    | 612      | 0.6     |
| Canada (English)†             | 629        | 0.9     | 47,374   | 24.0    | 16,509   | 15.8    | 29,472   | 5.0     | 928         | 1.6     | 7,839      | 6.3     | 25,403   | 26.3    |
| Canada (French)†              | 51         | 0.1     | 2,908    | 1.5     | 733      | 0.7     | 5,307    | 0.9     | 103         | 0.2     | 772        | 0.6     | 3,541    | 3.7     |
| Denmark.....                  | 107        | 0.2     | 675      | 0.3     | 148      | 0.1     | 10,166   | 1.7     | 49          | 0.1     | 373        | 0.3     | 231      | 0.2     |
| England.....                  | 2,841      | 4.1     | 13,174   | 6.7     | 6,908    | 6.6     | 29,308   | 5.0     | 2,201       | 3.8     | 10,621     | 8.5     | 6,347    | 6.6     |
| France.....                   | 369        | 0.5     | 1,003    | 0.5     | 791      | 0.8     | 2,989    | 0.5     | 748         | 1.3     | 485        | 0.4     | 589      | 0.6     |
| Germany.....                  | 33,208     | 48.4    | 10,523   | 5.3     | 36,720   | 35.2    | 170,738  | 29.1    | 38,219      | 65.9    | 40,648     | 32.6    | 32,027   | 33.2    |
| Holland.....                  | 98         | 0.1     | 391      | 0.2     | 311      | 0.3     | 18,555   | 3.2     | 369         | 0.6     | 804        | 0.6     | 397      | 0.4     |
| Hungary.....                  | 155        | 0.2     | 350      | 0.2     | 215      | 0.2     | 946      | 0.8     | 208         | 0.4     | 9,558      | 7.7     | 91       | 0.1     |
| Ireland.....                  | 9,690      | 14.1    | 70,147   | 35.6    | 11,292   | 10.8    | 73,912   | 12.6    | 9,114       | 15.7    | 13,120     | 10.5    | 6,412    | 6.7     |
| Italy.....                    | 2,042      | 3.0     | 13,738   | 7.0     | 5,669    | 5.4     | 16,008   | 2.7     | 917         | 1.6     | 3,055      | 2.5     | 9,005    | 9.4     |
| Mexico.....                   | 12         | *       | 13       | *       | 8        | *       | 102      | *       | 18          | *       | 9          | *       | 8        | *       |
| Norway.....                   | 188        | 0.3     | 1,145    | 0.6     | 185      | 0.2     | 22,011   | 3.8     | 12          | *       | 249        | 0.2     | 75       | 0.1     |
| Poland (Austrian)             | 139        | 0.2     | 61       | *       | 2,643    | 2.5     | 9,499    | 1.6     | 4           | *       | 752        | 0.6     | 1,074    | 1.1     |
| Poland (German)               | 733        | 1.1     | 216      | 0.1     | 13,092   | 12.6    | 32,985   | 5.6     | 89          | 0.2     | 3,577      | 2.9     | 10,703   | 11.1    |
| Poland (Russian)              | 1,694      | 2.5     | 3,375    | 1.7     | 2,811    | 2.7     | 15,026   | 2.6     | 344         | 0.6     | 4,119      | 3.3     | 1,738    | 1.8     |
| Poland (unknown)              | 245        | 0.4     | 180      | 0.1     | 284      | 0.3     | 2,193    | 0.4     | 34          | 0.1     | 144        | 0.1     | 116      | 0.1     |
| Russia.....                   | 10,493     | 15.3    | 14,995   | 7.6     | 1,199    | 1.2     | 24,178   | 4.1     | 1,976       | 3.4     | 3,607      | 2.9     | 1,332    | 1.4     |
| Scotland.....                 | 594        | 0.9     | 4,473    | 2.3     | 1,568    | 1.8     | 10,347   | 1.8     | 461         | 0.8     | 2,179      | 1.8     | 2,496    | 2.6     |
| Sweden.....                   | 236        | 0.3     | 5,541    | 2.8     | 743      | 0.7     | 48,836   | 8.3     | 111         | 0.2     | 1,000      | 0.8     | 267      | 0.3     |
| Switzerland.....              | 186        | 0.3     | 400      | 0.2     | 590      | 0.6     | 3,251    | 0.6     | 657         | 1.1     | 1,288      | 1.0     | 491      | 0.5     |
| Wales.....                    | 92         | 0.1     | 308      | 0.2     | 153      | 0.2     | 1,815    | 0.3     | 240         | 0.4     | 1,490      | 1.2     | 101      | 0.1     |
| Other countries...            | 1,121      | 1.6     | 4,951    | 2.5     | 655      | 0.5     | 7,278    | 1.2     | 411         | 0.7     | 703        | 0.6     | 1,076    | 1.1     |

| PRINCIPAL COUNTRIES OF BIRTH. | MILWAUKEE. |         | NEW ORLEANS. |         | NEW YORK. |         | PHILADELPHIA. |         | PITTSBURGH. |         | ST. LOUIS. |         | SAN FRANCISCO. |         |
|-------------------------------|------------|---------|--------------|---------|-----------|---------|---------------|---------|-------------|---------|------------|---------|----------------|---------|
|                               | Num-ber.   | Per Ct. | Num-ber.     | Per Ct. | Num-ber.  | Per Ct. | Num-ber.      | Per Ct. | Num-ber.    | Per Ct. | Num-ber.   | Per Ct. | Num-ber.       | Per Ct. |
| Total.....                    | 88,919     | 100     | 30,325       | 100     | 1,270,080 | 100     | 295,340       | 100     | 84,878      | 100     | 111,356    | 100     | 116,885        | 100     |
| Austria.....                  | 1,616      | 1.8     | 391          | 1.3     | 71,427    | 5.6     | 5,154         | 1.8     | 3,553       | 4.2     | 2,563      | 2.3     | 1,841          | 1.6     |
| Bohemia.....                  | 1,719      | 1.9     | 17           | 0.1     | 15,055    | 1.2     | 2,070         | 0.7     | 75          | 0.1     | 2,590      | 2.3     | 187            | 0.2     |
| Canada (English)†             | 1,687      | 1.9     | 310          | 1.0     | 19,899    | 1.5     | 2,989         | 1.0     | 994         | 1.2     | 2,151      | 1.9     | 4,470          | 4.1     |
| Canada (French)†              | 217        | 0.2     | 85           | 0.3     | 2,527     | 0.2     | 294           | 0.1     | 79          | 0.1     | 339        | 0.3     | 429            | 0.4     |
| Denmark.....                  | 514        | 0.6     | 92           | 0.3     | 5,621     | 0.4     | 934           | 0.3     | 38          | *       | 890        | 0.4     | 2,171          | 1.8     |
| England.....                  | 2,134      | 2.4     | 1,262        | 4.2     | 68,836    | 5.4     | 36,752        | 12.4    | 8,902       | 10.5    | 5,800      | 5.2     | 8,956          | 7.7     |
| France.....                   | 263        | 0.3     | 4,428        | 14.6    | 14,755    | 1.2     | 2,521         | 0.9     | 573         | 0.7     | 1,462      | 1.3     | 4,870          | 4.2     |
| Germany.....                  | 53,854     | 60.5    | 8,735        | 28.8    | 322,343   | 25.4    | 71,319        | 24.2    | 21,222      | 25.0    | 58,781     | 52.8    | 35,194         | 30.1    |
| Holland.....                  | 606        | 0.7     | 47           | 0.2     | 2,608     | 0.2     | 258           | 0.1     | 62          | 0.1     | 368        | 0.3     | 244            | 0.2     |
| Hungary.....                  | 351        | 0.4     | 68           | 0.2     | 31,616    | 2.5     | 2,785         | 0.9     | 2,124       | 2.5     | 561        | 0.5     | 315            | 0.3     |
| Ireland.....                  | 2,653      | 3.0     | 5,898        | 17.8    | 275,102   | 21.7    | 98,427        | 33.3    | 18,620      | 21.9    | 19,421     | 17.4    | 15,963         | 13.6    |
| Italy.....                    | 726        | 0.8     | 5,866        | 19.3    | 145,433   | 11.5    | 17,830        | 6.0     | 5,709       | 6.7     | 2,227      | 2.0     | 7,508          | 6.4     |
| Mexico.....                   | 6          | *       | 299          | 1.0     | 282       | *       | 63            | *       | 5           | *       | 76         | 0.1     | 1,459          | 1.2     |
| Norway.....                   | 1,702      | 1.9     | 95           | 0.3     | 11,887    | 0.9     | 692           | 0.2     | 63          | 0.1     | 172        | 0.2     | 2,172          | 1.8     |
| Poland (Austrian)             | 637        | 0.7     | 1            | *       | 4,995     | 0.3     | 970           | 0.3     | 1,023       | 1.2     | 322        | 0.3     | 29             | *       |
| Poland (German)               | 15,115     | 17.0    | 10           | *       | 1,881     | 0.1     | 1,728         | 0.6     | 3,515       | 4.1     | 1,192      | 1.1     | 109            | 0.1     |
| Poland (Russian)              | 1,245      | 1.4     | 29           | 0.1     | 25,231    | 2.0     | 4,163         | 1.4     | 6,243       | 7.4     | 1,248      | 1.1     | 538            | 0.5     |
| Poland, unknown               | 46         | 0.1     | 15           | 0.1     | 1,766     | 0.1     | 693           | 0.2     | 403         | 0.5     | 95         | 0.1     | 110            | 0.1     |
| Russia.....                   | 1,135      | 1.3     | 439          | 1.4     | 155,201   | 12.2    | 28,951        | 9.8     | 4,107       | 4.8     | 4,785      | 4.3     | 1,511          | 1.3     |
| Scotland.....                 | 667        | 0.8     | 218          | 0.7     | 19,836    | 1.6     | 8,479         | 2.9     | 2,264       | 2.7     | 1,264      | 1.1     | 3,000          | 2.6     |
| Sweden.....                   | 659        | 0.7     | 170          | 0.6     | 28,320    | 2.2     | 2,143         | 0.7     | 1,072       | 1.3     | 1,116      | 1.0     | 5,248          | 4.5     |
| Switzerland.....              | 653        | 0.7     | 314          | 1.0     | 8,371     | 0.7     | 1,707         | 0.6     | 544         | 0.6     | 2,752      | 2.5     | 2,085          | 1.8     |
| Wales.....                    | 307        | 0.4     | 35           | 0.1     | 1,686     | 0.1     | 1,033         | 0.4     | 4,539       | 5.0     | 238        | 0.2     | 386            | 0.3     |
| Other countries...            | 459        | 0.5     | 2,003        | 6.6     | 37,502    | 3.0     | 5,185         | 1.8     | 1,149       | 1.3     | 1,443      | 0.3     | 17,780         | 15.2    |

\* Less than one-tenth of 1 per cent. † Includes Newfoundland.

Total foreign-born population of Allegheny, Pa., 30,216; Atlanta, Ga., 2,531; Charleston, S. C., 2,592; Columbus, O., 12,328; Denver, Col., 25,301; Fall River, Mass., 50,042; Hartford, Ct., 23,758; Indianapolis, Ind., 17,122; Jersey City, N. J., 58,424; Kansas City, Mo., 18,410; Louisville, Ky., 21,427; Lowell, Mass., 40,974; Memphis, Tenn., 5,110; Minneapolis, Minn., 61,021; Newark, N. J., 71,363; New Haven, Ct., 30,802; Paterson, N. J., 38,791; Providence, R. I., 55,855; Rochester, N. Y., 40,748; St. Paul, Minn., 46,819; Washington, D. C., 20,119; Worcester, Mass., 37,652.

Ninety-four per cent of the foreign-born population is resident in the Northern and 6 per cent in the Southern States.

In addition to 13.7 per cent of the population in the United States, in 1900, being foreign born 34.3 per cent was of wholly or partial foreign parentage.

# Statistics of Cities in the United States.

THE statistics in the following table were furnished to THE WORLD ALMANAC by the Mayors of the respective cities.

| CITIES.               | Area in Square Miles. | Estimated Population Jan. 1, 1903 | Net Public Debt. | Assessed Valuation of all Taxable Property. | Per cent of Actual Val.* | Tax Rate† | Mayors.                      | Terms Expire. |
|-----------------------|-----------------------|-----------------------------------|------------------|---------------------------------------------|--------------------------|-----------|------------------------------|---------------|
| Albany, N. Y.         | 11¼                   | 95,000                            | \$2,297,945      | \$65,078,275                                | 100                      | \$2.10    | Charles H. Gaus              | Dec. 31, 1903 |
| Allegheny, Pa.        | 8                     | 140,000                           | 5,292,621        | 85,513,125                                  | 100                      | 1.40      | J. R. Murphy, Rec'r          | Apr. 6, 1903  |
| Atlanta, Ga.          | 11                    | 135,735                           | 2,951,748        | 55,163,355                                  | 70                       | 1.25      | Erwin P. Howell              | Jan. — 1905   |
| Baltimore, Md.        | 37¾                   | 558,764                           | 17,486,186       | 439,828,153                                 | 75                       | 1.91      | Thomas G. Hayes              | May 19, 1903  |
| Baltimore, N. Y.      | 10                    | 43,000                            | 650,000          | 20,619,408                                  | 100                      | 2.48      | Samuel L. Smith              | Dec. 31, 1903 |
| Boston, Mass.         | 43                    | 594,256                           | 51,669,954       | 1,191,308,100                               | 100                      | 1.48      | Patrick A. Collins           | Jan. 4, 1904  |
| Bridgeport, Ct.       | 13                    | 76,000                            | 1,525,189        | 63,286,684                                  | 100                      | 1.29      | Denis Mulvihill              | Nov. 3, 1903  |
| Brooklyn, N. Y.       | 42¼                   | 1,209,964                         | (c)              | 756,110,610                                 | (d)                      | 2.35      | Incorp'd in City of New York |               |
| Buffalo, N. Y.        | 42                    | 400,000                           | 16,410,424       | 230,741,190                                 | 75-80                    | 1.78      | Erastus C. Knight            | Dec. 31, 1905 |
| Cambridge, Mass.      | 6½                    | 95,000                            | 4,000,547        | 98,136,785                                  | 100                      | 1.83      | J. H. H. McNamee             | Jan. 1, 1904  |
| Camden, N. J.         | 8                     | 85,000                            | 2,644,231        | 30,239,927                                  | 75                       | 2.16      | Joseph E. Nourry             | Jan. 1, 1905  |
| Charleston, S. C.     | 5½                    | 65,000                            | 3,795,200        | 17,509,901                                  | 50                       | 3.00      | J. Adger Smyth               | Dec. — 1903   |
| Chattanooga, Tenn.    | 3¾                    | 42,000                            | 930,000          | 14,500,000                                  | 65                       | 1.45      | Alex. W. Chambliss           | Oct. 15, 1903 |
| Chelsea, Mass. (q)    | 2¼                    | 35,000                            | 1,090,245        | 23,497,720                                  | 100                      | 1.68      | Edward E. Willard            | Jan. 5, 1904  |
| Chicago, Ill.         | 192                   | 2,007,000                         | 23,719,000       | 400,000,000                                 | 20                       | 1.71      | Carlton H. Harrison          | May 1, 1903   |
| Cincinnati, O.        | 35¼                   | 240,000                           | 27,081,254       | 215,000,000                                 | 60                       | 2.37      | Julius Fleischmann           | May 4, 1903   |
| Cleveland, O.         | 34                    | 382,000                           | 18,468,346       | 190,000,000                                 | 40                       | 3.05      | Tom L. Johnson               | Apr. 1, 1903  |
| Coboes, N. Y.         | 3½                    | 25,000                            | 487,256          | 11,298,974                                  | 100                      | 1.41      | John H. Murphy               | Jan. — 1904   |
| Columbus, O. (q)      | 16¼                   | 150,702                           | 3,667,983        | 66,847,590                                  | 50                       | 2.75      | John N. Hinkle               | Apr. — 1903   |
| Council Bluffs, Iowa. | 20                    | 30,000                            | 390,000          | 3,805,001                                   | 25                       | 8.50      | Dell G. Morgan               | Apr. — 1904   |
| Covington, Ky.        | 23¼                   | 55,000                            | 2,061,200        | 23,705,550                                  | 75                       | 1.84      | W. A. Johnson                | Jan. 1, 1903  |
| Dallas, Tex.          | 8½                    | 70,000                            | 1,700,000        | 25,934,600                                  | 33½                      | 1.66      | Ben. E. Cabell               | Apr. 4, 1904  |
| Davenport, Iowa.      | 8                     | 40,000                            | 275,000          | 17,394,605                                  | 50                       | 1.55      | Waldo Becker                 | Apr. 4, 1904  |
| Dayton, O.            | 10¾                   | 100,000                           | 2,777,000        | (q) 43,741,840                              | 55                       | 2.54      | Chas. A. Snyder              | Apr. 30, 1903 |
| Denver, Col.          | 54                    | 150,000                           | 4,052,199        | 133,686,076                                 | 55                       | .76       | R. R. Wright, Jr.            | Apr. 2, 1903  |
| Des Moines, Iowa.     | 54                    | 75,000                            | 441,193          | 15,207,540                                  | 25                       | 7.60      | J. M. Brenton                | Apr. — 1904   |
| Detroit, Mich.        | 29                    | 350,000                           | 3,938,736        | 249,503,720                                 | 80                       | 2.13      | Wm. C. Maybury               | Jan. — 1905   |
| District of Columbia. | See below             | and at Washington, D. C.          |                  |                                             |                          |           | foot-note next page          |               |
| Dubuque, Iowa.        | 12                    | 40,000                            | 878,041          | 24,096,148                                  | 100                      | 1.10      | C. H. Bero                   | Apr. 3, 1904  |
| Duluth, Minn.         | 69¾                   | 65,000                            | 2,650,000        | 27,000,000                                  | 40                       | 2.72      | Trevanion W. Hugo            | Mar. 1, 1904  |
| Elizabeth, N. J.      | 9                     | 60,000                            | 3,324,340        | 20,179,717                                  | 100                      | 2.96      | Patrick J. Ryan              | Jan. 1, 1905  |
| Elmira, N. Y.         | 7½                    | 40,000                            | 1,131,550        | 17,393,988                                  | 100                      | 2.26      | Daniel Sheehan               | Mar. 7, 1904  |
| Erie, Pa.             | 7                     | 60,000                            | 533,558          | 20,232,450                                  | 50                       | 1.35      | William Hardwick             | Apr. 1, 1905  |
| Fall River, Mass.     | 41                    | 110,000                           | 3,969,833        | 75,384,287                                  | 100                      | 1.82      | George Grime                 | Jan. — 1904   |
| Fort Wayne, Ind.      | 7¼                    | 55,000                            | 624,800          | 24,844,355                                  | 70                       | 1.00      | Henry C. Berghoff            | May — 1905    |
| Grand Rapids, Mich.   | 22                    | 90,000                            | 2,102,000        | 43,020,395                                  | 50                       | 1.38      | W. M. Palmer                 | May 1, 1904   |
| Harrisburg, Pa.       | 7                     | 60,000                            | 847,300          | 28,309,155                                  | 60                       | 1.76      | Vance C. McCoy               | Apr. — 1905   |
| Hartford, Ct.         | 17¼                   | 83,107                            | 2,808,363        | 80,930,837                                  | 100                      | 1.75      | Imatius A. Sullivan          | Apr. — 1904   |
| Haverhill, Mass.      | 32                    | 38,000                            | 1,282,647        | 26,616,557                                  | 85                       | 1.72      | Henri R. Watson (c)          | Jan. 4, 1904  |
| Hoboken, N. J.        | 1½                    | 63,000                            | 1,408,574        | 29,834,450                                  | 66½                      | 2.26      | Adolf Lankering              | Jan. 1, 1904  |
| Holyoke, Mass.        | 16¼                   | 48,000                            | 1,556,721        | 39,951,930                                  | 100                      | 1.60      | Arthur B. Chapin             | Jan. 1, 1904  |
| Indianapolis, Ind.    | 34                    | 183,275                           | 2,446,600        | 132,999,530                                 | 65                       | 2.78      | Chas. A. Bookwalter          | Oct. 6, 1903  |
| Jacksonville, Fla.    | 7.6                   | 33,000                            | 1,370,000        | 13,568,700                                  | 70                       | 1.60      | Duncan U. Fletcher           | June 20, 1903 |
| Jersey City, N. J.    | 12                    | 206,483                           | 1,162,305,325    | 100,550,026                                 | 70                       | 2.78      | Mark M. Fagan                | Dec. 31, 1903 |
| Kansas City, Mo.      | 26                    | 200,000                           | 3,125,000        | 82,120,443                                  | 40                       | 1.55      | James A. Reed                | Apr. 16, 1904 |
| Lawrence, Mass.       | 7                     | 67,000                            | 1,559,164        | 40,658,533                                  | 75                       | 1.56      | Alex. L. Grant               | Jan. 1, 1904  |
| Little Rock, Ark. (q) | 11½                   | 42,000                            | 213,472          | 14,845,458                                  | 33½                      | 2.50      | W. R. Duley                  | Apr. 15, 1903 |
| Louisville, Ky.       | 20                    | 225,000                           | 8,657,000        | 127,500,000                                 | 60-80                    | 1.59      | Charles F. Grainger          | Nov. 16, 1905 |
| Lowell, Mass.         | 12½                   | 100,000                           | 3,086,686        | 71,894,907                                  | 100                      | 1.96      | Charles E. Howe              | Jan. — 1904   |
| Lynn, Mass.           | 11¼                   | 75,000                            | 2,972,914        | 52,880,926                                  | 85                       | 1.80      | William Shepherd             | Jan. 5, 1903  |
| Manchester, N. H.     | 31                    | 60,000                            | 1,815,000        | 32,977,726                                  | 70                       | 2.25      | Eugene E. Reed               | Dec. 31, 1904 |
| Memphis, Tenn.        | 16                    | 140,000                           | 2,980,000        | 46,000,000                                  | 70                       | 2.34      | J. L. Williams               | Jan. — 1906   |
| Milwaukee, Wis.       | 23                    | 225,000                           | 7,000,000        | 176,000,000                                 | 100                      | 1.59      | David S. Rose                | Apr. 15, 1904 |
| Minneapolis, Minn.    | 53                    | 225,000                           | 6,500,000        | 120,000,000                                 | 60                       | 2.60      | James C. Haynes              | Jan. 1, 1905  |
| Mobile, Ala.          | 3½                    | 47,000                            | 3,329,000        | 16,461,923                                  | 60                       | 2.65      | Water F. Walsh               | Mar. 15, 1903 |
| Nashville, Tenn.      | 9½                    | 85,000                            | 3,517,300        | 39,474,200                                  | 80                       | 1.50      | James M. Heath               | Oct. 12, 1903 |
| Newark, N. J.         | 22                    | 280,000                           | 12,657,000       | 163,303,004                                 | 70                       | 2.22      | Henry M. Doremus             | Jan. 1, 1905  |
| New Bedford, Mass.    | 19¾                   | 70,000                            | 3,706,000        | 62,561,800                                  | 100                      | 1.74      | Chas. S. Ashley              | Jan. 4, 1904  |
| New Brunswick, N. J.  | 9                     | 25,000                            | 908,500          | 9,720,000                                   | 60                       | 2.55      | George A. Viehmann           | Jan. 1, 1904  |
| New Haven, Ct.        | 19¼                   | 125,000                           | 3,322,500        | 103,460,932                                 | 100                      | 1.23      | John Payne Studley           | June 1, 1903  |
| New Orleans, La.      | 198¼                  | 300,000                           | 17,286,490       | 147,201,984                                 | 100                      | 2.90      | Paul Capdeville              | Nov. — 1904   |

| CITIES.              | REALTY.      | PERSONALTY. | CITIES.                       | REALTY.      | PERSONALTY.  |
|----------------------|--------------|-------------|-------------------------------|--------------|--------------|
| Albany               | \$59,580,370 | \$5,492,905 | Louisville                    | \$91,500,000 | \$36,000,000 |
| Baltimore            | 262,19,874   | 177,608,179 | Milwaukee                     | 140,000,000  | 36,000,000   |
| Boston               | 957,496,900  | 233,811,200 | Newark, N. J.                 | 131,243,762  | 33,247,650   |
| Buffalo              | 223,947,690  | 6,793,500   | New Orleans                   | 103,882,415  | 43,319,569   |
| Chicago              | 276,511,375  | 84,423,535  | New York City, see next page. |              |              |
| Cincinnati           | 170,000,000  | 45,000,000  | Philadelphia                  | 899,367,860  | 407,020,246  |
| Cleveland            | 143,000,000  | 47,000,000  | Pittsburgh                    | 319,778,905  | 1,917,645    |
| Detroit              | 180,142,340  | 69,361,380  | Providence                    | 154,717,860  | 43,161,140   |
| District of Columbia | 219,000,000  | 700,000     | San Francisco                 | 288,436,300  | 131,532,344  |
| Indianapolis         | 95,775,345   | 37,224,185  | St. Louis                     | 329,660,200  | 60,344,890   |

For per cent of actual valuation see above.

Democrats in *italics*; Republicans in Roman; Citizens, Populist, Independent, Prohibition, or non-Political in SMALL CAPS.

\* This is the percentage of assessment upon actual valuation. † Tax on each \$100 of assessed valuation for all purposes. (a) See "New York City," next page. (b) Including water debt of \$4,453,092. (c) Election contested. (d) From 66½ to 100 per cent. (q) Report at close of year 1901.

| CITIES.             | Area in Square Miles. | Estimated Population Jan. 1, 1903. | Net Public Debt. | Assessed Valuation of all Taxable Property. | Per cent of Actual Val <sup>†</sup> . | Tax Rate <sup>†</sup> . | Mayors.                 | Terms Expire. |
|---------------------|-----------------------|------------------------------------|------------------|---------------------------------------------|---------------------------------------|-------------------------|-------------------------|---------------|
| Newport, R. I.      | 7                     | 25,000                             | \$927,000        | \$41,754,100                                | 75                                    | \$1.10                  | Patrick J. Boyle.....   | Jan. 4, 1904  |
| Newton, Mass.       | 18                    | 33,700                             | 4,408,060        | 61,939,580                                  | 100                                   | 1.64                    | John W. Weeks.....      | Jan. 12, 1903 |
| New York City       | 308                   | 3,536,517                          | 311,829,916      | 3,857,047,718                               | (h)                                   | 3                       | SETH LOW.....           | Jan. 1, 1904  |
| Omaha, Neb.         | 24                    | 135,000                            | 3,618,000        | 120,000,000                                 | 75                                    | 3.40                    | Frank E. Moores.....    | Mar. 16, 1903 |
| Paterson, N. J.     | 8½                    | 107,500                            | 3,335,000        | 53,074,424                                  | 100                                   | 2.50                    | John Hinckhiffe.....    | Dec. 31, 1903 |
| Peoria, Ill.        | 8                     | 70,000                             | 439,663          | 10,390,717                                  | 20                                    | 2.40                    | William F. Bryan.....   | May 5, 1903   |
| Philadelphia, Pa.   | 129                   | 1,450,000                          | 50,055,395       | 1,308,125,975                               | 80                                    | 1.85                    | Saml. H. Ashbridge..... | Apr. 6, 1903  |
| Pittsburgh, Pa.(g)  | 28¼                   | 330,000                            | 10,558,377       | (c)321,696,550                              | 66½                                   | 1.70                    | J. O. Brown, Rec'r      | Apr. 1, 1903  |
| Portland, Me.       | 17                    | 52,000                             | 1,309,877        | 47,932,370                                  | 100                                   | 2.00                    | F. E. Boothby.....      | Dec. 1, 1903  |
| Portland, Ore.      | 40                    | 120,000                            | 5,493,765        | 43,369,077                                  | 35                                    | 2.80                    | Geo. H. Williams.....   | June 30, 1904 |
| Poughkeepsie, N. Y. | 3¾                    | 25,000                             | 1,650,000        | 12,819,830                                  | 66                                    | 2.36                    | George M. Hine.....     | Dec. 31, 1904 |
| Providence, R. I.   | 18¼                   | 183,000                            | 13,966,040       | 197,873,000                                 | 100                                   | 1.60                    | Augustus S. Miller      | Jan. —, 1904  |
| Quincy, Ill.        | 7                     | 40,000                             | 1,028,000        | 5,629,528                                   | 20                                    | 1.45                    | John A. Steinbach.....  | May 1, 1903   |
| Reading, Pa.        | 6¼                    | 100,000                            | 1,273,025        | 44,809,555                                  | 70                                    | 1.45                    | Edward Yeager.....      | Apr. —, 1905  |
| Richmond, Va.       | 5                     | 100,000                            | 7,227,382        | 70,486,132                                  | 100                                   | 1.40                    | Richard M. Taylor.....  | Sept. 1, 1904 |
| Rochester, N. Y.    | 18½                   | 175,000                            | 8,859,000        | 115,924,265                                 | 80                                    | 1.73                    | A. J. Rodenbeck.....    | Dec. 31, 1903 |
| Sacramento, Cal.    | 4½                    | 35,000                             | 30,000           | 17,500,000                                  | 65                                    | 1.23                    | George H. Clark.....    | Jan. 4, 1904  |
| Saginaw, Mich.      | 12½                   | 60,000                             | 1,265,175        | 22,815,089                                  | 96                                    | 1.93                    | William B. Baum.....    | Jan. 1, 1905  |
| San Antonio, Tex.   | 36                    | 65,000                             | 2,000,000        | 34,000,000                                  | 75                                    | 1.68                    | Marshall Hicks.....     | Feb. 9, 1903  |
| San Diego, Cal.     | 74                    | 20,000                             | 843,000          | (e)12,154,828                               | 68½                                   | 1.45                    | Frank P. Frary.....     | May 4, 1903   |
| San Francisco, Cal. | 46                    | 360,000                            | None.            | (e)49,968,644                               | 100                                   | 1.60                    | Eug. E. Schmitz (f)     | Jan. 8, 1903  |
| Savannah, Ga.       | 6¾                    | 65,400                             | 3,154,650        | 38,764,254                                  | 75                                    | 1.45                    | Herman Myers.....       | Jan. 30, 1903 |
| Schenectady, N. Y.  | 4½                    | 55,000                             | 1,227,426        | 18,654,895                                  | 65                                    | 2.00                    | H. S. Van Voast.....    | Jan. 1, 1904  |
| Scranton, Pa.       | 199½                  | 110,000                            | 3,517,780        | 65,500,544                                  | 100                                   | 1.41                    | Thos. J. Connell, Rec'r | Apr. 1, 1903  |
| Seattle, Wash.      | 30                    | 112,000                            | 3,520,000        | 42,980,924                                  | 33½                                   | 1.25                    | Wm. L. Humes.....       | Mar. 17, 1904 |
| Sioux City, Iowa    | 48                    | 50,000                             | 1,116,000        | 6,148,753                                   | 25                                    | 8.40                    | E. W. Caldwell.....     | Apr. 1, 1904  |
| Springfield, Ill.   | 44                    | 66,000                             | 1,451,000        | 55,485,370                                  | 100                                   | 1.64                    | Edward Glines.....      | Jan. 4, 1904  |
| Springfield, Mass.  | 5¾                    | 35,000                             | 898,700          | 6,675,533                                   | 20                                    | 6.90                    | John L. Phillips.....   | May 1, 1903   |
| Springfield, Mass.  | 38½                   | 66,000                             | 2,015,700        | 74,836,065                                  | 90                                    | 1.45                    | Ralph W. Ellis.....     | Jan. 5, 1903  |
| Springfield, O.     | 40                    | 40,000                             | 798,810          | 18,246,800                                  | 60                                    | q, 8.85                 | Melvin L. Milligan..... | May 1, 1903   |
| St. Joseph, Mo.     | 9¼                    | 103,000                            | 1,108,050        | 25,346,740                                  | 25                                    | 1.50                    | C. J. Borden.....       | Apr. —, 1904  |
| St. Louis, Mo.      | 61½                   | d 575,238                          | 7,262,409        | (e)390,025,090                              | 66½                                   | 1.95                    | Rolla Wells.....        | Apr. 9, 1905  |
| St. Paul, Minn.     | 55                    | 165,000                            | 1,980,100        | 89,219,720                                  | 100                                   | 3.10                    | Robert A. Smith.....    | June —, 1904  |
| Syracuse, N. Y.     | 16                    | 120,000                            | 6,194,500        | 87,104,103                                  | 100                                   | 1.67                    | Jay B. Kline.....       | Dec. 31, 1903 |
| Tacoma, Wash.       | 28                    | 52,000                             | 3,351,854        | 21,743,515                                  | 70                                    | q, 3.43                 | Louis D. Campbell.....  | Apr. 16, 1904 |
| Taunton, Mass.      | 50                    | 31,036                             | 1,634,072        | 21,172,562                                  | 100                                   | 1.96                    | Richard E. Warner.....  | Jan. 5, 1903  |
| Toledo, O.          | 28½                   | 150,000                            | 5,634,118        | 64,616,310                                  | 50                                    | 2.95                    | SAMUEL M. JONES.....    | Apr. 1, 1903  |
| Topeka, Kan.        | 6½                    | 40,000                             | 795,500          | 10,539,755                                  | 33½                                   | 5.00                    | Albert Parker.....      | Apr. 10, 1903 |
| Trenton, N. J.      | 9                     | 75,000                             | 1,927,163        | 33,648,521                                  | 66½                                   | 2.20                    | F. S. Katzenbach, Jr.   | Jan. 1, 1904  |
| Troy, N. Y.         | 9                     | 75,000                             | 2,265,005        | 53,943,305                                  | 100                                   | 1.51                    | Daniel E. Conway.....   | Jan. 11, 1904 |
| Utica, N. Y.        | 10¼                   | 63,000                             | 585,291          | 37,353,678                                  | 100                                   | 1.71                    | Charles A. Tulcoit..... | Dec. 31, 1903 |
| Washington, D. C.   | 69¼                   | 290,000                            | 14,198,330       | (e)219,700,000                              | 60-65                                 | (c)                     | See foot of page.       |               |
| Williamsport, Pa.   | 7                     | 32,000                             | 588,980          | 9,179,857                                   | 60                                    | 2.84                    | John F. Særdien.....    | Apr. —, 1905  |
| Wilmington, Del.    | 10¼                   | 78,000                             | 2,043,350        | 43,000,000                                  | 80                                    | 2.20                    | George M. Fisher.....   | June 30, 1903 |
| Worcester, Mass.    | 36                    | 125,000                            | 6,464,146        | 116,209,015                                 | 100                                   | 1.60                    | Edward F. Fletcher..... | Jan. 5, 1903  |
| Yonkers, N. Y.      | 21                    | 52,000                             | 3,189,966        | 39,031,570                                  | 70                                    | 2.41                    | Michael J. Wash.....    | Dec. 1, 1903  |

Democrats in *italics*; Republicans in Roman; Citizens, Populist, Independent, Prohibition, or non-Political in SMALL CAPS.

\* This is the percentage of assessment upon actual valuation. † Tax on each \$100 of assessed valuation for all purposes. ‡ For population of Brooklyn, see p. 337. Area in square miles—Manhattan, 19.65; Bronx, 60.90; Brooklyn, 42.68; Queens, 127.69; Richmond, 57.19. Taxable valuations—Manhattan and Bronx, realty, \$2,512,440,186; personalty, \$425,071,368; Brooklyn, realty, \$670,533,508; personalty, \$85,577,102; Queens, realty, \$108,859,704; personalty, \$9,026,134; Richmond, realty, \$38,814,181; personalty, \$6,725,535. § Tax rate, Manhattan and Bronx, \$2.273; Brooklyn, \$2.353; Queens, \$2.318; Richmond, \$2.336. (f) Funded debt. (c) Tax on each \$100 of assessed valuation for all purposes, \$1 per \$100 on assessed valuation of agricultural real property, and \$1.50 per \$100 on all other property, real and personal. (d) In consequence of the World's Fair at St. Louis, the population figures given above for that city are probably much lower than the actual number. (e) For division of realty and personalty see preceding page. (f) Union Labor Party. (g) City alone \$130. (h) From 66½ to 100 per cent. (q) Report at close of year 1901.

GOVERNMENT OF THE DISTRICT OF COLUMBIA.

The government of the District of Columbia is vested by act of Congress approved June 11, 1878, in three Commissioners, two of whom are appointed by the President from citizens of the District having had three years' residence therein immediately preceding that appointment, and confirmed by the Senate. The other Commissioner is detailed by the President of the United States from the Corps of Engineers of the United States Army, and must have lineal rank senior to Captain, or be a Captain who has served at least fifteen years in the Corps of Engineers of the Army. The Commissioners appoint the subordinate official service of said government. The present Commissioners are H. B. F. Macfarland (Republican), President, whose term will expire May 2, 1903; John W. Ross (Democrat), whose term will expire May 5, 1903; Major John Biddle (non-partisan), Corps of Engineers, United States Army, detailed during the pleasure of the President of the United States. The Secretary is William Tindall. The offices of the Commissioners are 464 Louisiana Avenue, N. W., Washington.

Washington had a municipal government from 1802 to 1871. By an act approved February 21, 1871, Congress provided a territorial form of government for the entire District of Columbia, with a Governor, Secretary, Board of Public Works, and Council, appointed by the President of the United States, and a House of Delegates and a delegate in Congress elected by the citizens of said District. This form of government was abolished June 20, 1874, and a temporary government by three Commissioners substituted. The temporary form of government was succeeded by the present form of government July 1, 1878. Congress makes all laws for the District, but has intrusted to the Commissioners authority to make police regulations, building regulations, plumbing regulations, and other regulations of a municipal nature.

## Reconstruction of the City of New York.

THE City of New York is in the midst of a great transformation period. The borough of Manhattan is undergoing a radical reconstruction. The vast expanse of Bronx has been cut up into building lots; streets have been laid out and graded; city water and sewerage have been carried into its hitherto inaccessible quarters, and builders have started an energetic campaign in the erecting of dwellings and flats. Brooklyn is pushing outward with beautiful suburbs to its very confines, the volume of dwelling construction exceeding for the past two years all former records of such development. Queens is following close with operations of a similar character. Richmond is just beginning to burst forth into like activity from the same causes.

The fundamental cause of this evolution is found in gigantic rapid transit subway projects which are now under way. The metropolis will be crossed at right angles by two immense arteries of traffic. One is the Rapid Transit Subway, extending northward from City Hall through the centre of the island to Yonkers on the west and Eastern Bronx on the east. Another section of this subway will extend southward under Broadway, from City Hall, crossing the East River to Brooklyn. The second great traffic artery will be the tunnel of the Pennsylvania and Long Island railroads. It will cross the North River from Jersey City, traversing Manhattan under the line of Thirty-third Street, thence under the East River to Brooklyn. A mammoth terminal station for this subway in Manhattan will be built on the blocks bounded by Seventh and Ninth Avenues, Thirty-first and Thirty-third Streets; another at Thirty-third Street and Broadway; a third at Fourth Avenue and Thirty-third Street, to connect with the city's Rapid Transit Subway.

Secondary causes of the metropolitan transformation lie in the construction of three additional bridges across the East River; the construction of the New York and New Jersey Railroad tunnel along the route of the old Morton Street project, through which the trolley roads of North New Jersey will enter Manhattan; the prosperity of the country, which is making New York the financial centre of the world; the success of steel skeleton construction, by which buildings of twenty stories have been proven both practical and profitable investments; new devices in electricity, which have rendered the operation of tall buildings comparatively inexpensive; an abundance of money, which has offered to shrewd operators the right opportunity for discounting a great future.

The effect of these factors is seen in the current readjustment of population centres. The old means of transit had set a limit to the expansion of business and residential districts. The new projects at once burst these limits. They pushed far outward the logical confines of metropolitan activity.

Business districts first felt the forces of expansion. They began to overflow into residential districts. The population unhoused by the overflow sought homes further removed from the new business centres. The population of this new territory in turn was forced along toward the suburbs.

Such was the start of the movement in 1899, when the construction of the Rapid Transit Subway became a certainty. Speculative operators rushed into the field and aroused a building boom which broke all records. The fever subsided with a natural reaction in 1900. In 1901 the market again resumed the discounting of gigantic transit projects.

The first reaction was as thorough as it was salubrious. The operations of 1901 and 1902 rested upon a more conservative basis, although greater in scope. Rapidly rising values of land made individual operations more difficult, because a larger amount of capital was required for each operation.

This situation was promptly met by a wholesale incorporation of realty companies, which undertook operations on a scale larger than had yet been recorded in metropolitan real estate. Their first successes attracted much outside capital into the market. During 1901 and 1902 no less than eighty of these companies were incorporated, with aggregate capitalization exceeding \$75,000,000. This was followed in the last half of 1902 by a merger of several large companies into the United States Realty and Construction Company, with capital stock of \$66,000,000.

Factors operating for the elimination of private dwellings in central Manhattan were accentuated by the withdrawal of large areas for the uses of railroads, public institutions, bridges, parks, and business enterprises. The enlarged business routine of the metropolis tended also to render city homes desirable only during eight or nine months of the year at most and country homes the real luxury. Thus the apartment hotel began to receive attention. It became the ideal residence for persons who refused to follow the suburban trend. Architects and builders lavished on the new structures manifold luxuries and conveniences in the way of simplifying service and making lighter the cares of house-keeping. And the apartment hotel, during 1901 and 1902, became the most remarkable and picturesque factor in the rebuilding of the metropolis.

The annual hotel construction prior to 1900 had been six structures at an aggregate cost of \$2,500,000. The apartment hotel first appeared as a factor in 1900, when thirteen were built at an aggregate cost of \$2,768,000. In 1901 forty-six were constructed at a cost of \$20,421,000. During the last quarter of 1902 there were sixty-six hotels and apartment hotels under construction at an aggregate cost of \$38,055,000. The average cost of each building, with the land, was \$750,000. The total investment represented in the year's construction was \$50,000,000.

### NEW HOTELS UNDER CONSTRUCTION.

The principal hotels and apartment hotels under way at the close of 1902, representing the year's construction, were:

Hotel Knickerbocker, southeast corner Broadway and 42d Street; John Jacob Astor and International Realty and Construction Company; 14-story; \$2,500,000.

Hotel Astor, Broadway, 44th to 45th Street; William Waldorf Astor; 12-story; \$1,000,000.

Hotel Ansonia, Broadway, 73d to 74th Street; 16-story; Onward Construction Company; \$3,500,000.

Hotel Terminus, Park Avenue, west side, from 41st to 42d Street; Subway Realty Company; 20-story; \$2,500,000.

Hotel St. Regis, Fifth Avenue, southeast corner 55th Street; 18-story; John Jacob Astor; \$1,800,000.

Fifth Avenue, southwest corner 55th Street; 18-story; Fifty-fifth Street Company; \$2,250,000.

Fifth Avenue, southwest corner 69th Street; 15-story; Fifth Avenue Estates; \$1,500,000.

Broadway, east side, 45th to 85th Street; 12-story; Eighty-sixth Street Company; \$1,550,000.

Madison Avenue, southeast corner 63d Street; 12-story; Park Realty Company; \$700,000.

Park Avenue, northwest corner 58th Street; 10-story; Lenox Realty Company.

Madison Avenue, southwest corner 29th Street; 12-story; Maitland E. Graves; \$765,000.

Twenty-ninth Street, No. 59 East, 12-story, 75 x 197; Woman's Hotel Company; \$350,000.

Seventh Avenue, Nos. 869-873, and No. 151 West 55th Street; 12-story; Mark Rafalsky; \$700,000.

Thirty-first Street, south side, 100 feet west of Fifth Avenue; 12-story; William C. Dewey; \$500,000.

Thirty-fifth Street, No. 42 West; 12-story; Henry J. Brauer; \$400,000.

Forty-fourth Street, north side, 145 feet east of Sixth Avenue; 12-story; Puritan Realty Company; \$600,000.

Forty-fourth Street, Nos. 44-50 West; 12-story; Seaboard Realty Company; \$750,000.

Forty-seventh Street, Nos. 150-152 West; 12-story; George L. Felt; \$600,000.

Fifty-fourth Street, north side, 54.7 feet east of Broadway; 11-story; Andrew J. Kerwin; \$500,000.

Fifty-eighth Street, north side, 150 feet east of Madison Avenue; four 8-story each; Peter Hertz; \$1,000,000.

Seventy-second Street, south side, 50 feet west of Columbus Avenue; 12-story; G. George L. Felt; \$500,000.

Seventy-second Street, south side, 495 feet west of West End Avenue; 12-story; Johnson-Kahn Company; \$1,100,000.

Amsterdam Avenue, northwest corner 70th Street; 12-story; Seaboard Realty Company; \$750,000.

Broadway, southwest corner 55th Street; 12-story; Nathan E. Clark; \$400,000.

Broadway, southwest corner 67th Street; 12-story; Boulevard Realty Company; \$1,250,000.

Central Park West, south corner 60th Street; 8-story; Daily & Carlson; \$50,000.

Central Park West, 90th to 91st Street; 8-story; John V. Sigmund; \$750,000.

Central Park West, south corner 102d Street; 10-story; Philip Braender; \$350,000.

West End Avenue, southwest corner 80th Street; 10-story; Arthur D. Hyde; \$500,000.

Seventy-seventh Street, south side, 50 feet east of Columbus Avenue; 12-story; West Side Construction Company; \$300,000.

Sixth Avenue, northeast corner 58th Street; 10-story; Mela Realty Company; \$550,000.

New Hotel Brunswick, Fifth Avenue, 26th and 27th Streets; projected at a cost of \$2,750,000 for site, and \$4,750,000 for building.

#### PRIVATE DWELLINGS.

These projects illustrate the wonderful transformation under way in central Manhattan, and the rapidity with which the home life of the metropolis is changing. The statistics are supplemented by others showing the decrease in private dwellings constructed, and steady increase in their average cost.

| YEAR. | Number. | Aggregate Cost. | Average Cost Each Dwelling. | YEAR. | Number. | Aggregate Cost. | Average Cost Each Dwelling. |
|-------|---------|-----------------|-----------------------------|-------|---------|-----------------|-----------------------------|
| 1890  | 835     | \$12,663,000    | \$15,100                    | 1897  | 492     | \$7,492,100     | \$15,200                    |
| 1891  | 661     | 11,225,500      | 16,900                      | 1898  | 339     | 6,182,800       | 13,200                      |
| 1892  | 710     | 12,625,500      | 17,500                      | 1899  | 338     | 8,329,700       | 24,600                      |
| 1893  | 511     | 9,516,753       | 19,000                      | 1900  | 112     | 3,928,000       | 35,000                      |
| 1894  | 494     | 8,606,180       | 17,200                      | 1901  | 97      | 5,792,000       | 59,700                      |
| 1895  | 515     | 8,799,750       | 17,000                      | 1902  | 144     | 11,295,000      | 78,000                      |
| 1896  | 410     | 5,527,950       | 13,400                      |       |         |                 |                             |

Among the costly private dwellings under construction during the year were those for

|                                                                 |             |
|-----------------------------------------------------------------|-------------|
| Senator W. A. Clark, Fifth Avenue, 77th Street.....             | \$3,500,000 |
| Andrew Carnegie, Fifth Avenue, 90th and 91st Streets.....       | 2,500,000   |
| Charles M. Schwab, Riverside Drive, 73d and 74th Streets.....   | 2,500,000   |
| Henry Phipps, Fifth Avenue, 87th Street.....                    | 1,500,000   |
| Payne Whitney, Fifth Avenue, between 78th and 79th Streets..... | 1,000,000   |
| James Stillman, Fifth Avenue, 72d Street.....                   | 1,000,000   |
| W. K. Vanderbilt, Jr., 51st Street, east of Fifth Avenue.....   | 1,000,000   |
| George Vanderbilt, Fifth Avenue, 52d Street (2).....            | 1,000,000   |
| Captain De La Mar, Madison Avenue, 37th Street.....             | 1,000,000   |

#### PUBLIC IMPROVEMENTS.

Other tunnel, railroad, bridge, and public improvements, which contribute to the rebuilding of New York, and for which private capital has been subscribed, include:

|                                                                                          |              |
|------------------------------------------------------------------------------------------|--------------|
| Pennsylvania-Long Island Railroad tunnel.....                                            | \$50,000,000 |
| New York Central Railroad improvements along Park Avenue, and change to electricity..... | 43,750,000   |
| New York and Jersey Railroad tunnel for trolleys.....                                    | 9,000,000    |
| Extension of interurban street railroads.....                                            | 15,000,000   |
| Manhattan "L" electrical equipment.....                                                  | 16,000,000   |
| New York and Brooklyn Railroad tunnel.....                                               | 6,000,000    |

Municipal appropriations for public improvements during 1903 are estimated by Comptroller Grout at \$50,000,000, in addition to the regular budget of \$97,000,000 for ordinary expenses. Bonds issued during 1902 for public improvements aggregated \$36,000,000. They included: Public park at Worth and Baxter Streets, Sixth Ward, \$176,917.18; school buildings and sites therefor, \$6,000,000; New York Zoological Garden fund, \$250,000; improvement of Atlantic Avenue, Brooklyn, \$250,000; New York Botanical Garden, \$150,000; sites for Carnegie libraries, \$250,000; College of the City of New York, \$600,000; public baths, Manhattan and Brooklyn, \$455,000; Museum of Arts and Sciences, Brooklyn—completion of addition, \$150,000—for bridge over East River between the boroughs of Manhattan and Queens, \$1,627,000; for bridge over East River between the boroughs of Manhattan and Brooklyn, \$2,920,000; for Brooklyn tunnel, \$3,000,000.

#### IMPORTANT PUBLIC BUILDINGS.

Public and semi-public buildings under construction during 1902, with constructional cost:

|                                                                                         |             |
|-----------------------------------------------------------------------------------------|-------------|
| Public Library (Astor, Lenox, and Tilden Foundation), Fifth Avenue, 40th to 42d St..... | \$3,000,000 |
| Carnegie libraries, sixty-five in all, in every part of city.....                       | 5,750,000   |
| New Custom-House, Bowling Green.....                                                    | 3,000,000   |
| Hall of Records, Chambers and Centre Streets.....                                       | 2,500,000   |
| Chamber of Commerce Building, Liberty Street.....                                       | 300,000     |
| New York Stock Exchange, Broad and Wall Streets.....                                    | 1,500,000   |
| Lying-in Hospital, Second Avenue.....                                                   | 1,000,000   |
| New York Historical Society, Central Park West, 76th to 77th Street.....                | 800,000     |
| Young Men's Christian Association, 23d Street Branch.....                               | 600,000     |
| Tombs Prison, Centre and Leonard Streets.....                                           | 700,000     |
| School, East Houston, Lewis, Third, and Manhattan Streets.....                          | 300,000     |
| School, Market and Gouverneur Streets.....                                              | 160,000     |
| School, 65th Street, near Amsterdam Avenue.....                                         | 300,000     |
| Ethical Culture School, Central Park West and 63d Street.....                           | 500,000     |
| School, 114th Street and Seventh Avenue.....                                            | 500,000     |
| School, 111th Street and Lenox Avenue.....                                              | 400,000     |
| Armory, Nos. 50-52 West 68th Street.....                                                | 200,000     |
| Hospital, Mt. Sinai, Fifth Avenue, 100th and 101st Streets.....                         | 1,600,000   |
| Hospital, French Benevolent Society, West 34th Street.....                              | 180,000     |
| Hospital, Woman's, 110th Street and Amsterdam Avenue.....                               | 600,000     |

A commission has been appointed by the United States Government to select a site for a new Post-Office in a central part of Manhattan.

CHURCHES.

Churches offered a further index of changing population centres. The largest edifices under construction during 1902, with estimated constructional cost, were:

|                                                                                                          |                                                                                      |
|----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Cathedral St. John the Divine, Cathedral Heights, \$16,000,000.                                          | Our Lady of Lourdes, 142d Street, north side, east of Amsterdam Avenue, \$31,000.    |
| Broadway Tabernacle, Broadway and 58th Street, \$500,000.                                                | St. Rose of Lima, R. C., 165th Street, west of Amsterdam Avenue, \$70,000.           |
| Grace Church Choir, No. 304 Broadway, \$125,000.                                                         | First Church, Scientist, Central Park West, north corner 96th Street, \$250,000.     |
| Church of the Incarnation, Nos. 235-240 East 31st Street, edifice and parish house, \$185,000.           | St. Ignatius, Episcopal, West End Avenue, corner 87th Street, \$80,000.              |
| Evangelical Lutheran Church of Holy Trinity, Central Park West, northwest corner 65th Street, \$125,000. | St. Matthew's, R. C., north side of 67th Street, east of West End Avenue, \$100,000. |
| Russian Orthodox St. Nicholas Church and Rectory, north side 97th Street, near Madison Avenue, \$85,000. |                                                                                      |
| St. Aloysius Church, Nos. 209-219 West 132d Street, \$90,000.                                            |                                                                                      |

NEW CLUB-HOUSES.

Club life gravitated northward from its old haunts around Madison Square. It found a congenial resting place in the district just north of 42d Street, along the Fifth Avenue line. New club-houses, and enlargements of old ones under way during the year, included:

|                                                                       |           |
|-----------------------------------------------------------------------|-----------|
| Union Club, Fifth Avenue and 51st Street.....                         | \$550,000 |
| Yale Club, 44th Street, west of Fifth Avenue.....                     | 250,000   |
| Harvard Club, 44th Street, west of Fifth Avenue.....                  | 250,000   |
| Republican Club, 40th Street, east of Sixth Avenue.....               | 550,000   |
| City Club, 44th Street, west of Fifth Avenue.....                     | 300,000   |
| Lambs' Club, 44th Street, west of Sixth Avenue.....                   | 200,000   |
| Progress Club, Central Park West, 88th Street.....                    | 300,000   |
| Columbia Club, Fifth Avenue, 127th Street.....                        | 80,000    |
| Young Men's Christian Association, Nos. 153-155 East 86th Street..... | 75,000    |

The Sons of the Revolution have purchased a site for a building for their meetings and archives on 55th Street east of Seventh Avenue.

NEW THEATRES.

Theatres moved up to Long Acre Square, where the managers picked out available sites, with the conviction that no further northward movement in metropolitan evolution could oust them. Their argument is based on the theory that the northward movement of hotel and theatre districts must necessarily stop at 59th Street, where Central Park divides Manhattan into east side and west side. Theatre and hotel projects demand a district that is capable of drawing patronage from all quarters of the metropolis. Long Acre Square, where all of the great new transit and traffic lines come together, is regarded as the ideal spot. That it will so remain for more generations than human foresight can now discern is the theme of the new theatre-builders. It is also a motive for great advances in the value of Long Acre land. Theatres under construction with the closing of 1902 were:

|                                                                            |             |
|----------------------------------------------------------------------------|-------------|
| Klaw & Erlanger, 42d Street, west of Seventh Avenue (2).....               | \$1,000,000 |
| Reginald De Koven, 42d and 43d Streets, west of 7th Avenue.....            | 250,000     |
| Daniel Frohman, New Lyceum, 45th Street, east of Seventh Avenue.....       | 250,000     |
| Heye & Harris, 45th Street, east of Seventh Avenue.....                    | 200,000     |
| Sire Brothers, Broadway, 45th Street, northwest corner.....                | 500,000     |
| Kirke La Shelle, No. 1564 Broadway.....                                    | 350,000     |
| Oscar Hammerstein, Hippodrome, 34th Street, west of Eighth Avenue.....     | 700,000     |
| Albert Fligel, Circle, Eighth Avenue, 58th Street.....                     | 400,000     |
| J. A. Del Solar, Pelota Court, Central Park West, 62d and 63d Streets..... | 200,000     |
| David Belasco, Broadway, 42d Street (proposed).....                        | 300,000     |
| M. L. Sire, Seventh Avenue, 49th Street, southeast corner (proposed).....  | 350,000     |
| Harlem Auditorium, Seventh Avenue, 126th Street.....                       | 500,000     |
| West End Amusement Company, 125th Street, Hancock Place.....               | 200,000     |
| Harry Fischel, Grand and Chrystie Streets, southeast corner.....           | 75,000      |

GREAT OFFICE BUILDINGS.

The direct force operating upon central districts to urge this mass of construction is a pressure from the lower end of Manhattan in the shape of business expansion. This pressure is acting in two ways: It is claiming more ground northward, and it is claiming more room skyward. The increase of rentable floor space south of Fulton Street during the past five years far exceeded the increase over the same district during the preceding fifteen years. In thirty-one latest office structures there is an average of 68,630 square feet of rentable floor space for each building. The increase in gross floor space during 1902 was 2,596,225 square feet. The increase in rentable floor space was 421,700 square feet.

This sudden expansion in the size of individual structures is shown by the comparative constructional projects of 1901 and 1902. During the last quarter of 1902 there were thirty-five office buildings under way at an aggregate cost of \$17,290,000; or an average cost for each building of \$494,000. During 1901 there were constructed forty-one office buildings at an aggregate cost of \$11,095,000; or an average for each of \$270,600. The principal office buildings under way during the last quarter of 1902 were:

|                                                                                                                     |                                                                                                                                                              |
|---------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Broad Street, northwest corner Exchange Place; 16-story; Sussex Realty Company; \$650,000.                          | Nassau Street, northwest corner Pine Street; 22-story; Han over National Bank; \$1,000,000.                                                                  |
| Broadway, Nos. 64-70; 17-story extension to Manhattan Life Building; Manhattan Life Insurance Company; \$560,000.   | Cedar Street, Nos. 52-56; 7-story; Mutual Life Insurance Company; \$200,000.                                                                                 |
| Broadway, Nos. 36-44; 20-story; Broadway Company; \$2,250,000.                                                      | Pine Street, Nos. 28-32; 12-story; Kean-Van Cortland Company; \$200,000.                                                                                     |
| Broadway, west side, 53.9 feet south of Liberty Street; 3-story bank; Washington Life Insurance Company; \$150,000. | Wall Street, southeast corner Pearl Street; 13-story; Orient Company; \$300,000.                                                                             |
| Broadway, southeast corner Maiden Lane; 18-story; Broadway Building Company; \$1,200,000.                           | William Street, southeast corner Pine Street; 20-story; Jacob H. Schiff; \$1,000,000.                                                                        |
| Broadway, No. 198; 12-story; James A. Campbell; \$235,000.                                                          | Union Square, northwest corner 16th Street; 16-story; Bank of the Metropolis; \$500,000.                                                                     |
| Broadway, No. 214, to Fulton and Ann Streets; 3-story addition; National Park Bank; \$350,000.                      | Thirty-fourth Street, Nos. 108-110 West; 12-story; New York Realty Company; \$100,000.                                                                       |
| Broadway, southeast corner 28th Street; 12-story; Caroline H. Johnston; \$500,000.                                  | Fifth Avenue, Broadway, 22d to 23d Street; 20-story; Cumberland Realty Company; \$1,000,000.                                                                 |
| Battery Place, west to Washington Street; 20-story; Battery Place Realty Company; \$1,000,000.                      | Fifth Avenue, northwest corner 34th Street; 14-story; Knickerbocker Trust Company; \$450,000.                                                                |
| Exchange Place, Nos. 43-49; 25-story; Wall Street Exchange Building Company; \$700,000.                             | The New York Times has purchased a site for a large office building, to be erected in the near future, at Forty-second Street, Seventh Avenue, and Broadway. |
| MacDougal Street, northwest corner Spring Street; 16-story; Butterick Publishing Company; \$1,000,000.              |                                                                                                                                                              |

RECONSTRUCTION OF THE CITY OF NEW YORK—Continued.

LARGE STORES.

The construction of stores and lofts was secondary only to office buildings in forcing the transformation of central districts. The 1902 construction was represented by 70 buildings, at an aggregate constructional cost of \$16,544,000. The average for each building was \$236,000. In comparison, 83 structures were built in 1901 at an aggregate cost of \$7,660,000, or an average for each of \$92,300. Some of the notable structures under way in 1902, including great department stores, were:

- Broadway, southeast corner Spring Street; 11-story; Bayard Realty Company; \$450,000.
- Broadway, east side, south of Astor Place, through to Lafayette Place; 11-story; William E. Finn; \$1,600,000.
- Broadway, No. 476; 11-story; Henry Corn; \$375,000.
- Broadway, northeast corner 12th Street; 11-story; National Realty Company; \$625,000.
- Broadway, west side, 33d to 34th Street; 7-story (Saks & Co.); Herald Square Realty Company; \$100,000.
- Broadway, west side, 34th to 35th Street; 9-story; R. H. Macy & Co.; \$2,500,000.
- Eleventh Street, northeast corner University Place; 11-story; Empire Realty Company; \$985,000.
- Thirteenth Street, south side, east of Washington Street; 3-story factory; John Jacob Astor; \$200,000.
- Fifteenth Street, Nos. 629-635 East, to 16th Street; 5-story bakery; American Pastry Manufacturing Company; \$110,000.
- Nineteenth Street, north side, west of Sixth Avenue; 10-story; Simpson-Crawford Co.; \$350,000.
- Twenty-second Street, Nos. 28-32 West; 11-story; Louis Sachs; \$350,000.
- Twenty-third Street, northwest corner Fourth Avenue; 11-story extension; Metropolitan Life Insurance Company; \$1,500,000.
- Eighteenth Street, Nos. 19-23 West, and Nos. 22-28 West 19th Street; 11-story; Henry Corn; \$550,000.
- Fifth Avenue, northwest corner 14th Street; 11-story; H. S. Van Buren and Henry Corn; \$500,000.
- Fifth Avenue, northwest corner 18th Street; 11-story; Henry Corn; \$600,000.
- Fifth Avenue, Nos. 105-107; 11-story; Henry Corn; \$550,000.

TENEMENT CONSTRUCTION.

Tenement operations were restricted during the first half of 1902 by the new laws. Speculative builders soon learned that 6-story model structures on 40-foot plots could be built at a profit, and 100 such buildings were under way in the last quarter. The aggregate cost of construction was \$4,104,000, or an average of \$41,000 for each structure.

This construction does not include flats, which are classed under the new laws as tenements. The flat-house construction of 1902 was confined to Harlem districts. It was comparatively insignificant after the record of 1,160 flats for 1901. The great slump in the building of flats caused the total construction of Manhattan and Bronx to show a 22 per cent decrease for 1902 from the figures of 1901. The sudden check to flat building, however, strengthened the investment market in northern districts. It filled vacant houses with tenants, and established rental values on a firm basis.

BUILDING AND REAL ESTATE STATISTICS.

Building and real estate statistics for 1901 and the first ten months of 1902 in Manhattan, Bronx, and Brooklyn were as follows:

1901.

|                | PROJECTED BUILDINGS. |              | CONVEYANCES. |               | MORTGAGES. |               |
|----------------|----------------------|--------------|--------------|---------------|------------|---------------|
|                | Number.              | Amount.      | Number.      | Amount.       | Number.    | Amount.       |
| Manhattan..... | 1,380                | \$96,636,000 | 9,855        | \$126,711,350 | 9,420      | \$235,091,500 |
| Bronx.....     | 945                  | 8,097,200    | 3,545        | 9,612,420     | 3,250      | 17,109,250    |
| Brooklyn.....  | 2,880                | 16,252,500   | 13,765       | 20,713,900    | 10,477     | 60,476,550    |

1902.

|                |       |              |        |               |        |               |
|----------------|-------|--------------|--------|---------------|--------|---------------|
| Manhattan..... | 733   | \$73,235,000 | 10,775 | \$113,326,150 | 9,105  | \$240,710,450 |
| Bronx.....     | 736   | 5,497,500    | 3,715  | 8,523,600     | 2,845  | 14,776,450    |
| Brooklyn.....  | 2,520 | 14,769,500   | 15,495 | 22,917,650    | 10,892 | 50,900,000    |

National Municipal League.

President—James C. Carter, New York. *First Vice-President*—Charles Richardson, Philadelphia. *Second Vice-President*—Samuel B. Capen, Boston. *Third Vice-President*—Thomas N. Strong, Portland, Ore. *Fourth Vice-President*—Edmund J. James, Chicago. *Fifth Vice-President*—H. Dickson Bruns, New Orleans. *Secretary*—Clinton Rogers Woodruff, 421 South Broad Street, Philadelphia. *Treasurer*—George Burnham, Jr., Philadelphia. The League is composed of associations formed in cities of the United States, and having as an object the improvement of municipal government. It has no connection with State or National parties or issues, and confines itself strictly to municipal affairs.

In affiliation with the National League are over 115 municipal reform associations, comprised of the Good Government Clubs, Municipal Leagues, Reform Leagues, Taxpayers' Associations.

League of American Municipalities.

President—J. Adger Smyth, Mayor of Charleston, S. C.; *Vice Presidents*—H. M. Stephens, Mayor of East St. Louis, Ill.; Richard J. Barr, Mayor of Joliet, Ill.; J. M. Head, Mayor of Nashville, Tenn. *Treasurer*—Thomas P. Taylor, Bridgeport, Ct. *Secretary*—John MacVicar, Des Moines, Iowa. *Trustees*—Thomas G. Hayes, Mayor of Baltimore, Md.; John Arbutnot, Mayor of Winnipeg, Canada; Jacob A. Cantor, President Manhattan Borough, New York City; Ignatius A. Sullivan, Mayor of Hartford, Ct.; Isaac S. Hascall, Councilman, Omaha, Neb.; A. E. Griffin, Councilman, Columbus, Ohio.

The objects of the League of American Municipalities are as follows: The general improvement and facilitation of every branch of municipal administration by the following means: First—The perpetuation of the organization as an agency for the cooperation of American cities in the practical study of all questions pertaining to municipal administration. Second—The holding of annual conventions for the discussion of contemporaneous municipal affairs. Third—The establishment and maintenance of a central bureau of information for the collection, compilation, and dissemination of statistics, reports, and all kinds of information relative to municipal government. The membership of the League includes nearly all of the important cities in this country.



# The States and the Union.

## THE THIRTEEN ORIGINAL STATES.

| STATES. |               |       | Ratified the Constitution. |    | STATES.        |       |              | Ratified the Constitution. |  |
|---------|---------------|-------|----------------------------|----|----------------|-------|--------------|----------------------------|--|
| 1       | Delaware      | 1787, | December 7.                | 8  | South Carolina | 1788, | May 23.      |                            |  |
| 2       | Pennsylvania  | 1787, | December 12.               | 9  | New Hampshire  | 1788, | June 21.     |                            |  |
| 3       | New Jersey    | 1787, | December 18.               | 10 | Virginia       | 1788, | June 26.     |                            |  |
| 4       | Georgia       | 1788, | January 2.                 | 11 | New York       | 1788, | July 26.     |                            |  |
| 5       | Connecticut   | 1788, | January 9.                 | 12 | North Carolina | 1789, | November 21. |                            |  |
| 6       | Massachusetts | 1788, | February 6.                | 13 | Rhode Island   | 1790, | May 29.      |                            |  |
| 7       | Maryland      | 1788, | April 28.                  |    |                |       |              |                            |  |

## STATES ADMITTED TO THE UNION.

| STATES. |             |       | Admitted.*   |    | STATES.       |       |              | Admitted.* |  |
|---------|-------------|-------|--------------|----|---------------|-------|--------------|------------|--|
| 1       | Vermont     | 1791, | March 4.     | 17 | Wisconsin     | 1848, | May 29.      |            |  |
| 2       | Kentucky    | 1792, | June 1.      | 18 | California    | 1850, | September 9. |            |  |
| 3       | Tennessee   | 1796, | June 1.      | 19 | Minnesota     | 1858, | May 11.      |            |  |
| 4       | Ohio        | 1803, | February 19. | 20 | Oregon        | 1859, | February 14. |            |  |
| 5       | Louisiana   | 1812, | April 30.    | 21 | Kansas        | 1861, | January 29.  |            |  |
| 6       | Indiana     | 1816, | December 11. | 22 | West Virginia | 1863, | June 19.     |            |  |
| 7       | Mississippi | 1817, | December 10. | 23 | Nevada        | 1864, | October 31.  |            |  |
| 8       | Illinois    | 1818, | December 3.  | 24 | Nebraska      | 1867, | March 1.     |            |  |
| 9       | Alabama     | 1819, | December 14. | 25 | Colorado      | 1876, | August 1.    |            |  |
| 10      | Maine       | 1820, | March 15.    | 26 | North Dakota  | 1889, | November 2.  |            |  |
| 11      | Missouri    | 1821, | August 10.   | 27 | South Dakota  | 1889, | November 2.  |            |  |
| 12      | Arkansas    | 1836, | June 15.     | 28 | Montana       | 1889, | November 8.  |            |  |
| 13      | Michigan    | 1837, | January 26.  | 29 | Washington    | 1889, | November 11. |            |  |
| 14      | Florida     | 1845, | March 3.     | 30 | Idaho         | 1890, | July 3.      |            |  |
| 15      | Texas       | 1845, | December 29. | 31 | Wyoming       | 1890, | July 11.     |            |  |
| 16      | Iowa        | 1846, | December 28. | 32 | Utah          | 1896, | January 4.   |            |  |

## The Territories.

| TERRITORIES. |              | Organized. |                      | TERRITORIES. |      | Organized. |  |
|--------------|--------------|------------|----------------------|--------------|------|------------|--|
| New Mexico   | September 9, | 1850       | District of Columbia | March 3,     | 1791 |            |  |
| Arizona      | February 24, | 1863       | District of Alaska   | July 27,     | 1868 |            |  |
| Indian       | June 30,     | 1834       | Hawaii               | June 14,     | 1900 |            |  |
| Oklahoma     | May 2,       | 1890       |                      |              |      |            |  |

\* Date when admission took effect is given from U. S. Census reports. In many instances the act of admission by Congress was passed on a previous date. A bill to admit New Mexico, Arizona, and Oklahoma (the latter to include the Indian Territory) as States was pending in Congress when this edition went to press.

NEW POSSESSIONS.—A government for Porto Rico was established by the Fifty-sixth Congress. The Philippines are under a provisional civil government appointed by the President, and Guam and Tutula under Governors appointed by the President. (Consult Index.)

## State and Territorial Statistics.

| STATES AND TERRITORIES. | Gross Area in Square Miles.* | Extreme Breadth, Miles.† | Extreme Length, Miles. | Capitals.     | STATES AND TERRITORIES. | Gross Area in Square Miles.* | Extreme Breadth, Miles.† | Extreme Length, Miles. | Capitals.     |
|-------------------------|------------------------------|--------------------------|------------------------|---------------|-------------------------|------------------------------|--------------------------|------------------------|---------------|
| Alabama                 | 52,250                       | 200                      | 330                    | Montgomery    | Montana                 | 146,080                      | 580                      | 315                    | Helena.       |
| Alaska Ter.             | 590,884                      | 800                      | 1,100                  | Sitka, †      | Nebraska                | 77,510                       | 415                      | 205                    | Lincoln.      |
| Arizona Ter.            | 113,020                      | 396                      | 390                    | Phoenix.      | Nevada                  | 110,700                      | 315                      | 485                    | Carson City.  |
| Arkansas                | 53,850                       | 275                      | 240                    | Little Rock.  | New Hamp                | 9,305                        | 90                       | 185                    | Concord.      |
| California              | 158,360                      | 375                      | 770                    | Sacramento.   | New Jersey              | 7,815                        | 70                       | 160                    | Trenton.      |
| Colorado                | 103,925                      | 390                      | 270                    | Denver.       | N. Mexico T.            | 123,580                      | 350                      | 390                    | Santa Fe.     |
| Connecticut             | 4,990                        | 90                       | 75                     | Hartford.     | New York                | 49,170                       | 320                      | 310                    | Albany.       |
| Delaware                | 2,050                        | 35                       | 110                    | Dover.        | N. Carolina             | 52,250                       | 620                      | 200                    | Raleigh.      |
| Dist. of Col.           | 170                          | 9                        | 10                     | Washington.   | N. Dakota               | 70,795                       | 360                      | 210                    | Bismarck.     |
| Florida                 | 58,680                       | 400                      | 460                    | Tallahassee.  | Ohio                    | 41,060                       | 250                      | 205                    | Columbus.     |
| Georgia                 | 59,475                       | 250                      | 315                    | Atlanta.      | Oklahoma T.             | 339,030                      | 365                      | 210                    | Guthrie.      |
| Idaho                   | 84,800                       | 305                      | 490                    | Boise.        | Oregon                  | 96,030                       | 375                      | 290                    | Salem.        |
| Illinois                | 56,650                       | 205                      | 380                    | Springfield.  | Pennsylvania            | 45,215                       | 300                      | 180                    | Harrisburg.   |
| Indiana                 | 36,350                       | 160                      | 265                    | Indianapolis. | Rhode Island            | 1,250                        | 35                       | 50                     | New. & Prov.  |
| Indian Ter.             | 31,400                       | 210                      | 210                    | .....         | S. Carolina             | 30,570                       | 235                      | 215                    | Columbia.     |
| Iowa                    | 56,025                       | 300                      | 210                    | Des Moines.   | South Dakota            | 77,650                       | 380                      | 245                    | Pierre.       |
| Kansas                  | 82,080                       | 400                      | 200                    | Topeka.       | Tennessee               | 42,050                       | 430                      | 120                    | Nashville.    |
| Kentucky                | 40,400                       | 350                      | 175                    | Frankfort.    | Texas                   | 265,780                      | 760                      | 620                    | Austin.       |
| Louisiana               | 48,720                       | 280                      | 275                    | Baton Rouge   | Utah                    | 84,970                       | 275                      | 345                    | Salt Lake C'y |
| Maine                   | 33,040                       | 205                      | 235                    | Augusta.      | Vermont                 | 9,565                        | 90                       | 155                    | Montpelier.   |
| Maryland                | 12,210                       | 200                      | 120                    | Annapolis.    | Virginia                | 42,450                       | 425                      | 205                    | Richmond.     |
| Massachus'tts           | 8,315                        | 190                      | 110                    | Boston.       | Washington              | 69,180                       | 340                      | 230                    | Olympia.      |
| Michigan                | 58,915                       | 310                      | 400                    | Lansing.      | W. Virginia             | 24,780                       | 200                      | 225                    | Charleston.   |
| Minnesota               | 85,365                       | 350                      | 400                    | St. Paul.     | Wisconsin               | 56,040                       | 290                      | 300                    | Madison.      |
| Mississippi             | 46,310                       | 180                      | 340                    | Jackson.      | Wyoming                 | 97,890                       | 365                      | 275                    | Cheyenne.     |
| Missouri                | 69,415                       | 300                      | 280                    | Jefferson C'y | Total U. S.             | 3,616,484                    | 12,720                   | 11,600                 |               |

Areas of the new possessions: Philippines, 143,000 square miles; Porto Rico, 3,600; Hawaii, 6,449; Tutula, 500; Guam, 54 (the General Land Office gives 175).

\* Gross area includes water as well as land surface. These areas are those published by the United States Census Office in 1900. † The total includes area of Delaware, Maritan, and Lower New York Bay not enumerated with States. ‡ Breadth is from east to west. Length is from north to south. § The District of Columbia was originally 100 square miles, but 30 miles were receded to Virginia in 1846. ¶ Including the Cherokee Strip and No Man's Land. | Breadth from Quoddy Head, in Maine, to Cape Flattery, in Washington; length from the 49th parallel to Brownsville, on the Rio Grande. This is exclusive of Alaska. ¶ The capital will soon be removed to Juneau.

# State and Territorial Governments.

| STATES AND TERRITORIES. | Names.                      | GOVERNORS. |                    |               | LEGISLATURES.        |                |                   | Time of Next State or Territorial Election. |
|-------------------------|-----------------------------|------------|--------------------|---------------|----------------------|----------------|-------------------|---------------------------------------------|
|                         |                             | Salaries.  | L'gth Term, Years. | Terms Expire. | Next Session Begins. | Ann. or Bienn. | Limit of Session. |                                             |
| Alabama                 | <i>William D. Jelks.</i>    | \$3,000    | 4                  | Jan. 19, 1906 | Jan. 13, 1903        | Quad           | 60 dys            | Nov. —, 1906                                |
| Alaska                  | John G. Brady               | 5,000      | 4                  | June — 1904   |                      |                |                   |                                             |
| Arizona                 | Alex. O. Brodie             | 3,000      | 4                  | Dec. —, 1906  | Jan. 19, 1903        | Bien.          | 60 dys            | Nov. —, 1904                                |
| Arkansas                | Jeff. Davis                 | 3,000      | 2                  | Jan. 18, 1903 | Jan. 12, 1903        | Bien.          | 60 dys            | Sept. 1, 1904                               |
| California              | Geo. C. Pardee              | 5,000      | 4                  | Jan. —, 1906  | Jan. 5, 1903         | Bien.          | 60 dys            | Nov. —, 1906                                |
| Colorado                | James H. Peabody            | 5,000      | 2                  | Jan. 10, 1905 | Jan. 1, 1903         | Bien.          | 90 dys            | Nov. 8, 1904                                |
| Connecticut             | Abram Chamberlain           | 4,000      | 2                  | Jan. —, 1905  | Jan. 7, 1903         | Bien.          | None              | Nov. 8, 1904                                |
| Delaware                | John Hann                   | 2,000      | 4                  | Jan. 19, 1905 | Jan. 6, 1903         | Bien.          | 60 dys            | Nov. 8, 1904                                |
| Florida                 | <i>William S. Jennings.</i> | 3,500      | 4                  | Jan. 1, 1905  | Apr. 7, 1903         | Bien.          | 60 dys            | Nov. 8, 1904                                |
| Georgia                 | <i>J. M. Terrell.</i>       | 3,000      | 2                  | Oct. 25, 1904 | Oct. 26, 1903        | Ann.           | 50 dys            | Oct. —, 1904                                |
| Hawaii                  | Sanford B. Dole             | 5,000      | 4                  | Jan. 13, 1904 | Feb. 18, 1904        | Bien.          | 60 dys            |                                             |
| Idaho                   | John T. Morrison            | 3,000      | 2                  | Jan. —, 1905  | Jan. 5, 1903         | Bien.          | 60 dys            | Nov. 8, 1904                                |
| Illinois                | Richard Yates               | 6,000      | 4                  | Jan. 11, 1905 | Jan. 7, 1904         | Bien.          | None              | Nov. 8, 1904                                |
| Indiana                 | Winfield T. Durbin          | 5,000      | 4                  | Jan. 1, 1905  | Jan. 8, 1903         | Bien.          | 60 dys            | Nov. 8, 1904                                |
| Iowa                    | Albert W. Cummins           | 3,000      | 2                  | Jan. 1, 1904  | Jan. 13, 1904        | Bien.          | None              | Nov. 8, 1904                                |
| Kansas                  | W. J. Bailey                | 3,000      | 2                  | Jan. 11, 1905 | Jan. 13, 1903        | Bien.          | 50 dys            | Nov. 8, 1904                                |
| Kentucky                | <i>J. C. Beckham.</i>       | 6,500      | 4                  | Dec. 10, 1903 | Jan. 7, 1904         | Bien.          | 60 dys            | Nov. 3, 1903                                |
| Louisiana               | <i>W. W. Heard.</i>         | 5,000      | 4                  | May 1, 1904   | May —, 1904          | Bien.          | 60 dys            | Apr. —, 1904                                |
| Maine                   | John F. Hill                | 2,000      | 2                  | Jan. 1, 1904  | Jan. 7, 1903         | Bien.          | None              | Sept. —, 1904                               |
| Maryland                | <i>John W. Smith.</i>       | 4,500      | 4                  | Jan. 8, 1904  | Jan. 6, 1904         | Bien.          | 90 dys            | Nov. 5, 1903                                |
| Massachusetts           | John L. Bates               | 8,000      | 1                  | Jan. 6, 1904  | Jan. 7, 1903         | Ann.           | None              | Nov. 3, 1903                                |
| Michigan                | Aaron T. Bliss              | 4,000      | 2                  | Jan. 1, 1905  | Jan. 7, 1903         | Bien.          | None              | Nov. 8, 1904                                |
| Minnesota               | S. R. Van Sant              | 5,000      | 2                  | Jan. 1, 1905  | Jan. 6, 1903         | Bien.          | 90 dys            | Nov. 8, 1904                                |
| Mississippi             | <i>A. H. Loumo.</i>         | 3,500      | 4                  | Jan. 1, 1904  | Jan. 7, 1904         | Bien.          | None              | Nov. 3, 1903                                |
| Missouri                | <i>Alex. M. Dockery.</i>    | 5,000      | 4                  | Jan. 1, 1905  | Jan. 7, 1903         | Bien.          | 70 dys            | Jan. 7, 1903                                |
| Montana                 | <i>Joseph K. Toole.</i>     | 5,000      | 4                  | Jan. 4, 1905  | Jan. 5, 1903         | Bien.          | 60 dys            | Nov. 8, 1904                                |
| Nebraska                | John H. Mickey              | 2,500      | 2                  | Jan. 6, 1905  | Jan. 6, 1903         | Bien.          | 60 dys            | Nov. 8, 1904                                |
| Nevada                  | <i>John Sparks.</i>         | 4,000      | 4                  | Jan. 6, 1907  | Jan. 19, 1903        | Bien.          | 50 dys            | Nov. —, 1904                                |
| N. Hampshire            | Nathum J. Bachelder         | 2,000      | 2                  | Jan. —, 1905  | Jan. 7, 1903         | Bien.          | None              | Nov. —, 1904                                |
| New Jersey              | Franklin Murphy             | 10,000     | 3                  | Jan. —, 1905  | Jan. 13, 1903        | Ann.           | None              | Nov. 3, 1903                                |
| New Mexico              | Miguel A. Otero             | 3,000      | 4                  | Jan. —, 1906  | Jan. 19, 1903        | Bien.          | 60 dys            | Nov. 8, 1904                                |
| New York                | Benj. B. Odell, Jr.         | 10,000     | 2                  | Jan. 1, 1905  | Jan. 7, 1903         | Ann.           | None              | Nov. 8, 1904                                |
| N. Carolina             | <i>Charles B. Aycock.</i>   | 4,000      | 4                  | Jan. 1, 1905  | Jan. 7, 1903         | Bien.          | 60 dys            | Nov. 8, 1904                                |
| North Dakota            | Frank White                 | 3,000      | 2                  | Jan. 1, 1903  | Jan. 6, 1903         | Bien.          | 60 dys            | Nov. 8, 1904                                |
| Ohio                    | George K. Nash              | 8,000      | 2                  | Jan. 8, 1904  | Jan. 4, 1904         | Bien.          | None              | Nov. —, 1903                                |
| Oklahoma                | Thos. B. Ferguson           | 3,000      | 4                  | Apr. —, 1905  | Jan. 13, 1903        | Bien.          | 60 dys            | Nov. 8, 1904                                |
| Oregon                  | <i>Geo. E. Chamberlain.</i> | 1,500      | 4                  | Jan. —, 1907  | Jan. 12, 1903        | Bien.          | 40 dys            | June 5, 1904                                |
| Pennsylvania            | Samuel W. Pennypacker       | 10,000     | 4                  | Jan. 17, 1907 | Jan. 1, 1904         | Bien.          | 60 dys            | Nov. —, 1904                                |
| Porto Rico              | William H. Hunt             | 8,000      | 4                  | Jan. —, 1903  | Jan. 6, 1903         | Ann.           | 60 dys            | Nov. 3, 1903                                |
| Rhode Island            | <i>Lucius F. C. Garvin.</i> | 3,000      | 1                  | Jan. 1, 1905  | Jan. 13, 1903        | Ann.           | 40 dys            | Nov. 8, 1904                                |
| S. Carolina             | <i>D. C. Heyward.</i>       | 3,000      | 2                  | Jan. —, 1905  | Jan. 13, 1903        | Bien.          | 60 dys            | Nov. 8, 1904                                |
| South Dakota            | Chas. N. Herrelid           | 3,000      | 2                  | Jan. 15, 1905 | Jan. 5, 1903         | Bien.          | 75 dys            | Nov. 8, 1904                                |
| Tennessee               | <i>James B. Frazier.</i>    | 4,000      | 2                  | Jan. 12, 1903 | Jan. 13, 1903        | Bien.          | None              | Nov. 8, 1904                                |
| Texas                   | <i>Joseph D. Sayers.</i>    | 4,000      | 4                  | Jan. 7, 1905  | Jan. 12, 1903        | Bien.          | 60 dys            | Nov. 8, 1904                                |
| Utah                    | Heber M. Wells              | 1,500      | 2                  | Oct. —, 1904  | Oct. —, 1904         | Bien.          | None              | Sept. —, 1904                               |
| Vermont                 | John G. McCullough          | 1,500      | 4                  | Feb. 1, 1906  | Jan. 13, 1904        | Bien.          | 60 dys            | Nov. 5, 1905                                |
| Virginia                | <i>A. J. Montague.</i>      | 5,000      | 4                  | Jan. 14, 1905 | Jan. 12, 1903        | Bien.          | 60 dys            | Nov. 8, 1904                                |
| Washington              | Henry G. McBride            | 2,700      | 4                  | Mar. 4, 1905  | Jan. 4, 1903         | Bien.          | 45 dys            | Nov. 8, 1904                                |
| West Virginia           | Albert B. White             | 5,000      | 2                  | Jan. 5, 1905  | Jan. 14, 1903        | Bien.          | None              | Nov. 8, 1904                                |
| Wisconsin               | Robert M. La Follette       | 5,000      | 2                  | Jan. 2, 1907  | Jan. 13, 1903        | Bien.          | 40 dys            | Nov. 8, 1904                                |
| Wyoming                 | De Forest Richards          | 2,500      | 4                  | Jan. 2, 1907  | Jan. 13, 1903        | Bien.          | 40 dys            | Nov. 8, 1904                                |

Democrats in *italics*, Republicans in Roman, Silver party and Populist in SMALL CAPITALS.

\* Territorial Governors are appointed by the President.

Next Presidential election, November 8, 1904.

## PAY AND TERMS OF MEMBERS OF LEGISLATURES.

| STATES AND TERRITORIES. | Salaries of Members, Annual or Per Diem, while in Session. | TERMS OF MEMBERS, YEARS. |                  | STATES AND TERRITORIES. | Salaries of Members, Annual or Per Diem, while in Session. | TERMS OF MEMBERS, YEARS. |                  | STATES AND TERRITORIES. | Salaries of Members, Annual or Per Diem, while in Session. | TERMS OF MEMBERS, YEARS. |                  |
|-------------------------|------------------------------------------------------------|--------------------------|------------------|-------------------------|------------------------------------------------------------|--------------------------|------------------|-------------------------|------------------------------------------------------------|--------------------------|------------------|
|                         |                                                            | Senators.                | Representatives. |                         |                                                            | Senators.                | Representatives. |                         |                                                            | Senators.                | Representatives. |
| Alabama                 | \$4 per diem                                               | 4                        | 4                | Maine                   | \$150 ann.                                                 | 2                        | 2                | Oklah'ma.               | \$4 per diem                                               | 2                        | 2                |
| Arizona                 | “ “                                                        | 2                        | 2                | Maryland                | “ “                                                        | 4                        | 1                | Oregon                  | “ “                                                        | 4                        | 2                |
| Arkansas                | “ “                                                        | 4                        | 2                | Mass.                   | “ “                                                        | 1                        | 1                | Penna.                  | \$1,500 ann.                                               | 4                        | 2                |
| California              | “ “                                                        | 4                        | 2                | Michigan                | “ “                                                        | 2                        | 2                | Porto Rico              | “ “                                                        | 1                        | 1                |
| Colorado                | “ “                                                        | 4                        | 2                | Minn.                   | “ “                                                        | 4                        | 4                | R. Island.              | “ “                                                        | 4                        | 2                |
| Conn.                   | \$800 ann.                                                 | 2                        | 2                | Miss'ppi.               | “ “                                                        | 4                        | 2                | S. Carol'a              | “ “                                                        | 4                        | 2                |
| Delaware                | \$500                                                      | 4                        | 2                | Montana                 | “ “                                                        | 4                        | 2                | S. Dakota.              | “ “                                                        | 2                        | 2                |
| Florida                 | \$6 per diem                                               | 4                        | 2                | Nebraska                | “ “                                                        | 4                        | 2                | Tenn.                   | “ “                                                        | 2                        | 2                |
| Georgia                 | “ “                                                        | 2                        | 2                | Nevada                  | “ “                                                        | 4                        | 2                | Texas.                  | “ “                                                        | 4                        | 2                |
| Hawaii                  | \$400 ann.                                                 | 4                        | 2                | N. Hamp.                | “ “                                                        | 2                        | 1                | Utah.                   | “ “                                                        | 4                        | 2                |
| Idaho                   | “ “                                                        | 2                        | 2                | N. Jersey.              | “ “                                                        | 3                        | 1                | Vermont.                | “ “                                                        | 2                        | 2                |
| Illinois                | \$1,000 ses' n.                                            | 4                        | 4                | N. Mexico.              | “ “                                                        | 2                        | 2                | Virginia.               | “ “                                                        | 4                        | 2                |
| Indiana                 | “ “                                                        | 4                        | 2                | N. York.                | “ “                                                        | 2                        | 1                | Wash' ton.              | “ “                                                        | 4                        | 2                |
| Iowa                    | “ “                                                        | 4                        | 4                | N. Caro'la.             | “ “                                                        | 2                        | 2                | W. Va.                  | “ “                                                        | 4                        | 2                |
| Kansas                  | “ “                                                        | 4                        | 4                | N. Dak.                 | “ “                                                        | 4                        | 2                | Wis'n'sin.              | \$500 ann.                                                 | 4                        | 2                |
| Kent'cky.               | “ “                                                        | 4                        | 4                | Ohio                    | “ “                                                        | 2                        | 2                | Wyoming.                | \$5 per diem                                               | 4                        | 2                |
| Louisiana               | “ “                                                        | 4                        | 4                |                         |                                                            |                          |                  |                         |                                                            |                          |                  |

All of the States and Territories pay mileage also, except Delaware and New Jersey.

The Federal Government.

President.....THEODORE ROOSEVELT, of New York,\* salary, \$50,000.  
 Vice-President.....VACANT†..... " 8,000.

THE CABINET.

Arranged in the order of succession for the Presidency declared by Chapter 4, Acts of 49th Congress, 1st Session. †

|                                                    |                                                  |
|----------------------------------------------------|--------------------------------------------------|
| Secretary of State—John Hay, of Ohio.              | Postmaster-General—Henry C. Payne, of Wis.       |
| Secretary of the Treasury—Leslie M. Shaw, of Iowa. | Secretary of the Navy—Wm. H. Moody, of Mass.     |
| Secretary of War—Ellihu Root, of N. Y.             | Secretary of Interior—Ethan A. Hitchcock, of Mo. |
| Attorney-General—Philander C. Knox, of Pa.         | Secretary of Agriculture—James Wilson, of Iowa.  |

The salaries of the Cabinet officers are \$8,000 each.

THE DEPARTMENTS.

STATE DEPARTMENT.

|                                                     |                                                         |
|-----------------------------------------------------|---------------------------------------------------------|
| Assistant Secretary—David J. Hill, N. Y.....\$4,500 | Ch. Indexes & Archives—Pendleton King, N. C.....\$2,100 |
| Second Ass't Secretary—A. A. Adee, D. C..... 4,000  | Ch. Bureau Accounts—Thos. Morrison, N. Y. 2,100         |
| Third Ass't Secretary—H. H. D. Poirece, Mass. 4,000 | Ch. Bureau Rolls & Lib.—A. H. Allen, N. C. 2,100        |
| Chief Clerk—Wm. H. Michael, Neb..... 2,500          | Ch. Bureau For. Commerce—F. Emory, Md..... 2,100        |
| Ch. Dipl'ic Bureau—Sydney Y. Smith, D. C. 2,100     | Ch. Bureau Appointments—R. B. Moshier, Ky. 2,100        |
| Ch. Consular Bureau—Wilbur J. Carr, D. C. 2,100     | Ch. Bureau Passports—G. Hunt..... 2,100                 |

TREASURY DEPARTMENT.

|                                                           |                                                       |
|-----------------------------------------------------------|-------------------------------------------------------|
| Assistant Secretary—Oliver L. Spaulding, Mich.....\$4,500 | Supt. Coast Survey—Otto H. Tittmann, Mo... \$5,000    |
| Assistant Secretary—Milton E. Ailes, Ohio..... 4,500      | Comr. of Navigation—E. T. Chamberlain, N. Y. 3,600    |
| Assistant Secretary—Horace A. Taylor, Wis... 4,500        | Auditor of Treasury—Wm. E. Andrews, Neb. 4,000        |
| Chief Clerk—Wallace H. Hills, N. Y..... 3,000             | Auditor for War Dept.—F. E. Rittmann, O. 4,000        |
| Chief Appointment Div.—Chas. Lyman, Ct..... 2,750         | Auditor for Int. Dept.—R. S. Person, S. D. 4,000      |
| Ch. Bookkeeping Div.—W. F. MacLennan, N. Y. 3,500         | Auditor for Navy Dept.—W. W. Brown, Pa. 4,000         |
| Chief Public Monies Div.—E. B. Daskam, Ct. 2,500          | Auditor for State, &c.—Henry G. Timme, Wis. 4,000     |
| Chief Customs Div.—Andrew Johnson, Va..... 2,750          | Auditor for P. O. Dept.—Ernest A. Castle, Minn. 4,000 |
| Ch. Loans & Cur. Div.—A. T. Huntington, Mass. 2,500       | Treasurer of U. S.—Ellis H. Roberts, N. Y. 6,000      |
| Ch. Stationery & Pr'g Div.—G. Simmons, D. C. 2,500        | Assistant Treasurer—James F. Meline, Ohio. 3,500      |
| Chief Mails and Files Div.—S. M. Gaines, Ky. 2,500        | Register Treasury—Judson W. Lyons, Ga..... 4,000      |
| Chief Miscellaneous Div.—Lewis Jordan, Ind. 2,500         | Deputy Register—Cyrus F. Adams, Ill. 2,250            |
| Supv. Insp.—Gen. Steam Vrs.—J. A. Dumont, N. Y. 3,500     | Compr of Currency—Wm. E. Ridgely, Ill. 5,000          |
| Director of Mint—Geo. E. Roberts, Iowa..... 4,500         | Commis. Internal Rev.—John W. Yerkes, Ky. 4,000       |
| Government Actuary—Joseph S. McCoy, N. J. 1,800           | Dep. Com. Internal Rev.—R. Williams, Jr., La. 4,000   |
| Ch. Bur. Statistics—Oscar P. Austin, D. C. 3,000          | Dep. Com. Internal Rev.—J. C. Wheeler, Mich. 3,600    |
| Supt. Life-Saving Service—S. I. Kimball, Me. 4,000        | Solicitor Internal Rev.—Geo. M. Thomas..... 4,500     |
| Naval Sec'y Light-House Board—W. Maynard. 5,000           | Solicitor of Treasury—M. D. O'Connell, Iowa. 4,500    |
| Superv. Surgeon-Gen.—Walter Wyman, Mo..... 4,000          | Chief Secret Service—Ino. E. Wilkie, Ill..... 3,500   |
| Ch. Bur. Eng. & Printing—W. M. Meredith, Ill. 4,500       | Supt. Immigration—Frank P. Sargent, Ill.... 4,000     |
| Supervising Architect—James K. Taylor, Pa. 4,500          |                                                       |

WAR DEPARTMENT.

|                                                          |                                                         |
|----------------------------------------------------------|---------------------------------------------------------|
| Assistant Secretary—W. Cary Sanger, N. Y. \$4,500        | Paymaster-Gen.—Brig.-Gen. Alfred E. Bates. \$5,500      |
| Chief Clerk—John C. Scofield, Ga..... 3,000              | Chief Clerk—Thomas M. Exley, Mass..... 2,000            |
| Adjutant-Gen.—Maj.-Gen. H. C. Corbin..... 7,500          | Ch. of Engineers—Brig.-Gen. G. L. Gillespie..... 5,500  |
| Chief Clerk—R. P. Thilan, N. Y..... 2,000                | Chief Clerk—Phineas J. Dempsey, Va..... 2,000           |
| Insp.—Gen.—Brig.-Gen. J. C. Breckinridge..... 5,500      | Chief of Ordnance—Brig.-Gen. Wm. Crozier..... 5,500     |
| Chief Clerk—Otis B. Goodall, N. H..... 1,800             | Chief Clerk—John J. Cook, D. C..... 2,400               |
| Judge-Adv.-Gen.—Brig.-Gen. Geo. B. Davis..... 5,500      | Chief Signal Officer—Brig.-Gen. A. W. Greely..... 5,500 |
| Chief Clerk—L. W. Call, Kan..... 2,000                   | Chief Clerk—George A. Warren, N. Y..... 2,000           |
| Quartermaster-Gen.—Brig.-Gen. M. I. Ludington..... 5,500 | Ch. Rec. & Pen. Off.—Brig.-Gen. F. C. Ainsworth. 5,500  |
| Chief Clerk—Henry D. Saxton, Mass..... 2,000             | Ch. Div. Insular Aff.—Col. C. R. Edwards..... 3,500     |
| Commissary-Gen.—Brig.-Gen. J. F. Weston..... 5,500       | Officer Charge Pub. Bldgs.—T. A. Bingham..... 4,500     |
| Chief Clerk—Emmet Hamilton, Minn..... 2,000              | Chief Clerk—E. F. Concklin, N. Y..... 2,400             |
| Surgeon-Gen.—Brig.-Gen. R. M. O'Reilly..... 5,500        | Landscape Gardener—George H. Brown, D. C. 2,000         |
| Chief Clerk—George A. Jones, N. Y..... 2,000             |                                                         |

NAVY DEPARTMENT.

|                                                                         |                                                                 |
|-------------------------------------------------------------------------|-----------------------------------------------------------------|
| Assistant Secretary—Charles H. Darling, Vt. \$4,500                     | Engineer-in-Chief—George W. Melville §..... \$5,500             |
| Chief Clerk—Benj. F. Peters, Pa..... 3,000                              | Judge-Adv.-Gen.—Capt. S. C. Lemly, Retired. 3,500               |
| Chief Yards and Docks—Civil Engineer M. T. Endicott §..... 5,500        | Inspector Pay Corps—J. A. Mudd..... 4,400                       |
| Chief Ordnance—Capt. Charles O'Neil §..... 5,500                        | Pres. Naval Exam. Board—Rear-Admiral John C. Watson..... 6,375  |
| Chief Supplies and Accounts—Paymaster-Gen. Albert S. Kenny §..... 5,500 | Pres. Naval Retir. Board—Rear-Admiral John C. Watson..... 6,375 |
| Chief Medicine—Sur.-Gen. Presley M. Rixey § 5,500                       | Ch. Intelligence Office—Capt. C. D. Sigbee..... 3,500           |
| Chief Equipment—Capt. R. B. Bradford §..... 5,500                       | Supt. Naval Obs.—Capt. Colby M. Chester..... 3,500              |
| Chief Construction—Naval Constructor F. T. Bowles §..... 5,500          | Director Nautical Alm.—Prof. W. S. Harshman 2,400               |
| Chief Navigation—Rear-Admiral H. C. Taylor 5,500                        | Hydrographer—Com. W. H. Southerland 2,600                       |
|                                                                         | Marine Corps—Major-Gen. Chas. Heywood... 5,500                  |

\* Secretary to the President, George B. Cortelyou.

† Vacant by the succession of Vice-President Roosevelt to the Presidency in consequence of the death of President McKinley.

‡ The Department of Agriculture was made an executive department and the Secretary of Agriculture made a Cabinet officer after the passage of the Succession act of the 49th Congress.

§ Rank and title of Rear-Admiral while holding said office.

## THE FEDERAL GOVERNMENT—Continued.

## POST-OFFICE DEPARTMENT.

|                                                     |         |                                                     |         |
|-----------------------------------------------------|---------|-----------------------------------------------------|---------|
| Chief Clerk—Blain W. Taylor, W. Va. ....            | \$2,500 | Supt. Foreign Mails—N. M. Brooks, Va. ....          | \$3,000 |
| First Assistant P. M. G.—R. J. Wynne, Pa. ....      | 4,000   | Supt. Money-Order—James T. Metcalf, Iowa. ....      | 3,000   |
| Second Ass't P. M. G.—W. S. Shallenberger, Pa. .... | 4,000   | Gen. Supt. Railway M. S.—Jas. E. White, Ill. ....   | 3,500   |
| Third Assistant P. M. G.—E. C. Madden, Mich. ....   | 4,000   | Supt. Dead-Letter Office—D. B. Leibhardt, Ind. .... | 2,500   |
| Fourth Ass't P. M. G.—J. L. Bristow, Kan. ....      | 4,000   | Chief P. O. Inspector—W. E. Cochran, Col. ....      | 3,000   |
| Assistant Attorney-Gen.—Jas. N. Tyner, Ind. ....    | 4,500   | Supt. and Disbursing Clerk—R. B. Merchant, Va. .... | 2,100   |
| Appointment Clerk—W. S. Nicholson, Pa. ....         | 1,800   |                                                     |         |

## INTERIOR DEPARTMENT.

|                                                             |         |                                                 |         |
|-------------------------------------------------------------|---------|-------------------------------------------------|---------|
| First Ass't Secretary—Thomas Ryan, Kan. ....                | \$6,000 | Commis. Education—Wm. T. Harris, Mass. ....     | \$3,500 |
| Assistant Secretary—Frank L. Campbell, D. C. ....           | 4,000   | Com. Indian Affairs—Wm. A. Jones, Wis. ....     | 4,000   |
| Chief Clerk—Edward M. Dawson, Md. ....                      | 3,000   | Ass't Commis.—A. Clarke Tonner, Ohio. ....      | 3,000   |
| Ass't Atty.-Gen.—Willis Van Devanter, Wyo. ....             | 5,000   | Commis. Patents—Frederick I. Allen, N. Y. ....  | 5,000   |
| Commis. Land Office—Binger Hermann, Ore. ....               | 5,000   | Ass't Commis.—Edward B. Moore, Mich. ....       | 3,000   |
| Ass't Commis.—William A. Richards, Wyo. ....                | 3,500   | Commis. Railroads—James Longstreet, Ga. ....    | 4,000   |
| Commis. Pensions—Eugene A. Ware, Kan. ....                  | 5,000   | Dirac. Geol. Surv.—Chas. D. Walcott, N. Y. .... | 6,000   |
| First Deputy Com. of Pensions—Jas. L. Davenport, N. H. .... | 3,600   | Chief Clerk Geol. Survey—H. C. Rizer, Kan. .... | 2,250   |
| Second Deputy Com. of Pensions—Leverett M. Kelly, Ill. .... | 3,600   | Director Census—William R. Merriam, Minn. ....  | 7,500   |
|                                                             |         | Solicitor Ind. Rev.—A. W. Wishard, Ind. ....    | 4,500   |

## DEPARTMENT OF JUSTICE.

|                                                      |         |                                                  |         |
|------------------------------------------------------|---------|--------------------------------------------------|---------|
| Solicitor-Gen.—John K. Richards, Ohio. ....          | \$7,000 | Chief Clerk—Cecil Clay, W. Va. ....              | \$2,750 |
| Ass't Atty.-Gen.—James M. Beck, Pa. ....             | 5,000   | General Agent—Frank Strong, Ark. ....            | 4,000   |
| Ass't Atty.-Gen.—John G. Thompson, Ill. ....         | 5,000   | Appointm't Clerk—Orin J. Field. ....             | 1,600   |
| Ass't Atty.-Gen.—Louis A. Pradt, Wis. ....           | 5,000   | Atty. for Pardons—Jas. S. Easby-Smith, Ala. .... | 2,400   |
| Ass't Atty.-Gen.—Henry M. Hoyt, Pa. ....             | 5,000   | Disbursing Clerk—Alex. C. Caine. ....            | 2,300   |
| Solicitor State Dept.—William L. Penfield, Ind. .... | 4,000   |                                                  |         |

## DEPARTMENT OF AGRICULTURE.

|                                                              |         |                                                         |         |
|--------------------------------------------------------------|---------|---------------------------------------------------------|---------|
| Secretary—James Wilson, Iowa. ....                           | \$5,000 | Entomologist—L. O. Howard, N. Y. ....                   | \$2,750 |
| Ass't Secretary—Joseph H. Brigham, Ohio. ....                | 4,500   | Chemist—H. W. Wiley, Ind. ....                          | 3,500   |
| Private Secretary to the Secretary—Jasper Wilson, Iowa. .... | 2,250   | Chief Div. Biological Survey—C. H. Merriam, N. Y. ....  | 2,750   |
| Chief Clerk—Andrew Geddes, Iowa. ....                        | 2,500   | Director Road Inquiry—M. Dodge, Ohio. ....              | 2,750   |
| Appointment Clerk—Joseph B. Bennett, Wis. ....               | 2,000   | Librarian—Josephine A. Clark, Mass. ....                | 1,800   |
| Chief Weather Bureau—Willis L. Moore, Ill. ....              | 5,000   | Chief of Supply Division—Cyrus B. Lower, Pa. ....       | 2,000   |
| Chief Bur. Animal Indust.—D. E. Salmon, N. C. ....           | 4,500   | Bureau of Plant Industry—                               |         |
| Director Employment Stations—A. C. True, Ct. ....            | 3,500   | Chief—B. T. Galloway, Mo. ....                          | 4,000   |
| Director Publications—Geo. Wm. Hill, Minn. ....              | 2,500   | Pathologist and Physiologist—Albert F. Woods, Neb. .... | 2,750   |
| Chief Div. Accounts—F. L. Evans, Pa. ....                    | 2,500   | Botanist—Frederick V. Coville, N. Y. ....               | 2,500   |
| Chief Bureau Soils—Milton Whitney, Md. ....                  | 3,500   | Pathologist—Gustavus B. Brackett, Iowa. ....            | 2,500   |
| Statistician—John Hyde, Neb. ....                            | 3,000   | Agrostologist—Wm. J. Spillman, Wash. ....               | 2,500   |
| Chief Bureau Forestry—Gifford Pinchot, N. Y. ....            | 3,500   |                                                         |         |

|                                                   |         |                                                                   |         |
|---------------------------------------------------|---------|-------------------------------------------------------------------|---------|
| Civil Service Commis.—John R. Procter, Ky. ....   | \$3,500 | Director Bureau of American Republics—Wm. W. Rockhill, D. C. .... | \$5,000 |
| Civil Service Commis.—W. D. Foulke, Ind. ....     | 3,500   | Chief Clerk Bureau Amer. Rep.—Williams C. Fox, D. C. ....         | 2,000   |
| Civil Service Commis.—James R. Garfield, O. ....  | 3,500   | Sec. Smithsonian Institute—S. P. Langley, D. C. ....              | 2,000   |
| Chief Examiner Civil Service—A. R. Serven. ....   | 3,500   | Director Bureau American Ethnology—W. H. Holmes. ....             | 2,000   |
| Secretary Civil Service—John T. Doyle, N. Y. .... | 2,000   | Reciprocity Commis'r—John A. Kasson. ....                         | 2,000   |
| Commis. of Labor—C. D. Wright, Mass. ....         | 5,000   | Director Nat. Bureau Standards—S. W. Stratton, Ill. ....          | 2,000   |
| Chief Clerk Labor—G. W. W. Hanger. ....           | 2,500   |                                                                   |         |
| Government Printer—Frank W. Palmer, Ill. ....     | 4,500   |                                                                   |         |
| Commis. of Fish and Fisheries—G. M. Bowers. ....  | 5,000   |                                                                   |         |
| Librarian of Congress—Herbert Putnam, Mass. ....  | 6,000   |                                                                   |         |
| Assistant Librarian—A. R. Spofford, Ohio. ....    | 4,000   |                                                                   |         |

## INTERSTATE COMMERCE COMMISSION.

|                                        |         |                                                |         |
|----------------------------------------|---------|------------------------------------------------|---------|
| Martin A. Knapp, N. Y., Chairman. .... | \$7,500 | Joseph W. Fifer, Ill. ....                     | \$7,500 |
| Judson C. Clements, Ga. ....           | 7,500   | Edward A. Moseley, Mass., Secretary. ....      | 3,500   |
| James D. Yeomans, Iowa. ....           | 7,500   | Martin S. Decker, N. Y., Ass't Secretary. .... | 3,000   |
| Charles A. Prouty, Vt. ....            | 7,500   |                                                |         |

## SPANISH-AMERICAN CLAIMS COMMISSION.

|                                 |         |                                |         |
|---------------------------------|---------|--------------------------------|---------|
| William F. Chandler, N. H. .... | \$5,000 | William A. Manry, D. C. ....   | \$5,000 |
| Gerrit J. Dickema, Mich. ....   | 5,000   | William L. Chambers, Ala. .... | 5,000   |
| James Perry Wood, Ohio. ....    | 5,000   |                                |         |

## BOARD OF INDIAN COMMISSIONERS.

|                                                    |  |                                  |  |
|----------------------------------------------------|--|----------------------------------|--|
| Chairman—Darwin R. James, N. Y. ....               |  | Philip C. Garrett, Pa. ....      |  |
| Secretary—Merrill E. Gates, Washington, D. C. .... |  | Patrick J. Ryan, Pa. ....        |  |
| Albert K. Smiley, N. Y. ....                       |  | C. J. Bonaparte, Md. ....        |  |
| F. Whittlesey, D. C. ....                          |  | Andrew S. Draper, Ill. ....      |  |
| William D. Walker, N. Y. ....                      |  | The board serves without salary. |  |
| Joseph T. Jacobs, Mich. ....                       |  |                                  |  |

## COMMISSION TO CODIFY THE PENAL LAWS.

|                                         |         |                             |         |
|-----------------------------------------|---------|-----------------------------|---------|
| Chairman—Alexander C. Botkin, Wis. .... | \$5,000 | William D. Bynum, Ind. .... | \$5,000 |
| David K. Watson, Ohio. ....             | 5,000   |                             |         |

## UNITED STATES PENSION AGENTS.

|                         |                    |                           |                          |
|-------------------------|--------------------|---------------------------|--------------------------|
| Augusta, Me. ....       | Selden Connor.     | Knoxville, Tenn. ....     | John T. Wilder.          |
| Boston, Mass. ....      | Augustus J. Hoitt. | Louisville, Ky. ....      | Leslie Combs.            |
| Buffalo, N. Y. ....     | Charles A. Orr.    | Milwaukee, Wis. ....      | Edwin D. Coe.            |
| Chicago, Ill. ....      | Jonathan Merriam.  | New York City, N. Y. .... | Michael Kerwin.          |
| Columbus, Ohio. ....    | Joseph W. Jones.   | Philadelphia, Pa. ....    | St. Clair A. Mulholland. |
| Concord, N. H. ....     | Hugh Henry.        | Pittsburgh, Pa. ....      | John W. Nesbit.          |
| Des Moines, Iowa. ....  | Emery F. Sperry.   | San Francisco, Cal. ....  | Jesse B. Fuller.         |
| Detroit, Mich. ....     | Oscar A. Janes.    | Topeka, Kan. ....         | Wilder S. Metcalf.       |
| Indianapolis, Ind. .... | Albert O. Marsh.   | Washington, D. C. ....    | John R. King.            |

UNITED STATES ASSISTANT TREASURERS.

|                        |                              |                        |                              |
|------------------------|------------------------------|------------------------|------------------------------|
| <i>Sub-Treasuries.</i> | <i>Assistant Treasurers.</i> | <i>Sub-Treasuries.</i> | <i>Assistant Treasurers.</i> |
| Baltimore.....         | A. Lincoln Dryden.           | New York.....          | Conrad N. Jordan.            |
| Boston.....            | George A. Marden.            | Philadelphia.....      | John F. Finney.              |
| Chicago.....           | W. P. Williams.              | St. Louis.....         | Barnard G. Farrar.           |
| Cincinnati.....        | Charles A. Bosworth.         | San Francisco.....     | Julius Jacobs.               |
| New Orleans.....       | Charles J. Bell.             |                        |                              |

SUPERINTENDENTS OF MINTS.

|                                            |                                        |                                        |                                  |
|--------------------------------------------|----------------------------------------|----------------------------------------|----------------------------------|
| <i>Mints.</i>                              | <i>Superintendents.</i>                | <i>Mints.</i>                          | <i>Superintendents.</i>          |
| Carson City... (Equipped as Assay Office). |                                        | Philadelphia.....                      | John H. Landis.                  |
|                                            | Roswell K. Colcord, Assayer in charge. | San Francisco.....                     | Frank A. Leach.                  |
| New Orleans.....                           | Hugh S. Southon.                       | Denver (Equipped as Assay Office)..... | F. M. Downer, Assayer in charge. |

COLLECTORS OF CUSTOMS.

|                                          |                                            |                                          |
|------------------------------------------|--------------------------------------------|------------------------------------------|
| Houlton, Me., Thomas H. Paair.           | New York, N. Y., Nevada N. Stranahan.      | Apalachicola, Fla., Tip Warren.          |
| Bangor, Me., Albert R. Day.              | Niagara Falls, N. Y., James Low.           | Cedar Keys, Fla., Samuel P. Anthony.     |
| Bath, Me., George Moulton, Jr.           | Ogdensburg, N. Y., Charles A. Kalloug.     | Fernandina, Fla., John W. Howell.        |
| Belfast, Me., James S. Harriman.         | Oswego, N. Y., James H. Cooper.            | Jacksonville, Fla., William H. Lucas.    |
| Cassine, Me., George M. Warren.          | Sag Harbor, N. Y., Peter Duplel.           | Key West, Fla., George W. Allen.         |
| Ellsworth, Me., Henry Whiting.           | Jersey City, N. J., Edward Fry, Asst. Col. | St. Augustine, Fla., Thomas B. George.   |
| Machias, Me., Frank L. Shaw.             | Bridgeton, N. J., George W. McCowan.       | Tampa, Fla., Matthew B. Macfarlane.      |
| Kennebunk, Me., George E. Couzens.       | Trenton, N. J., Roland Billingham.         | Pensacola, Fla., John E. Stillman.       |
| Eastport, Me., George A. Curran.         | Somers Point, N. J., Walter Field.         | New Orleans, La., Augustus T. Wimberly.  |
| Portland, Me., Charles M. Moses.         | Newark, N. J., George L. Smith.            | Brasher, La., John A. Thornton.          |
| Saco, Me., William L. Gerrish.           | Perth Amboy, N. J., Robert Carson.         | Brownsville, Tex., Charles H. Maris.     |
| Waldoboro, Me., Frederick W. Wight.      | Tuckerton, N. J., Samuel P. Bartlett.      | Corpus Christi, Tex., James J. Haynes.   |
| Wiscasset, Me., Daniel H. Moody.         | Camden, N. J., F. F. Patterson, Asst. Col. | Eagle Pass, Tex., Robert W. Dowe.        |
| York, Me., Edward H. Banks.              | Philadelphia, Pa., C. Wesley Thomas.       | El Paso, Tex., Patrick F. Garrett.       |
| Portsmouth, N. H., Rufus N. Ellwell.     | Phila., Benjamin B. Brown.                 | Galveston, Tex., Francis L. Lee.         |
| Bristol, R. I., Charles D. Eddy.         | Wilmington, Del., Robert G. Honston.       | Cleveland, O., Charles F. Leach.         |
| Newport, R. I., Clarence A. Hammett.     | Washington, D. C., Howard S. Nynan.        | Sandusky, O., Edmund H. Zurhorst.        |
| Providence, R. I., Ellery H. Wilson.     | Annapolis, Md., John K. Gladden.           | Toledo, O., Joseph C. Bonner.            |
| Burlington, Vt., Olin Merrill.           | Baltimore, Md., William F. Stone.          | Detroit, Mich., John T. Rich.            |
| Newport, Vt., Zophar M. Mansour.         | Crisfield, Md., James C. Tawes.            | Grand Haven, Mich., George A. Farr.      |
| Bridgeport, Ct., Frank J. Naramore.      | Alexandria, Va., Marshall L. King.         | Marquette, Mich., Gad Smith.             |
| Hartford, Ct., Ezra B. Bailey.           | Cape Charles City, Va., C. G. Smithers.    | Port Huron, Mich., Lincoln Avery.        |
| New Haven, Ct., John W. Mix.             | Norfolk, Va., Richard G. Banks.            | Chicago, Ill., William Penn Nixon.       |
| New London, Ct., Thomas O. Thompson.     | Petersburg, Va., William Mahone.           | St. Paul, Minn., John Peterson.          |
| Stonington, Ct., Charles T. Stanton.     | Thomson, Ga., Thomas C. Walker.            | Delath, Minn., Levi M. Willcuts.         |
| Barnstable, Mass., Thacher T. Hallett.   | Newport News, Va., Jesse W. Elliott.       | Milwaukee, Wis., William H. De Vos.      |
| Boston, Mass., George H. Lyman.          | Richmond, Va., Joseph H. Stewart.          | Great Falls, Mont., Charles M. Webster.  |
| Edgartown, Mass., Charles H. Marchant.   | Beaufort, N. C., Christopher D. Jones.     | San Francisco, Cal., Fred'k S. Stratton. |
| Fall River, Mass., James Brady.          | Newbern, N. C., Mayer Hahn.                | San Diego, Cal., William W. Bowers.      |
| Glocester, Mass., William H. Jordan.     | Elizabeth City, N. C., George W. Cobb.     | Los Angeles, Cal., John C. Cline.        |
| Marblehead, Mass., Stuart P. McClearn.   | Wilmington, N. C., Benjamin F. Keith.      | Eureka, Cal., Sterling A. Campbell.      |
| Nantucket, Mass., Obed G. Smith.         | Beaufort, S. C., Robert Smalls.            | Astoria, Ore., Walter L. Robb.           |
| New Bedford, Mass., George F. Bartlett.  | Charleston, S. C., Robert M. Wallace.      | Cosco Bay, Ore., John Morgan.            |
| Newburyport, Mass., Hiram F. Mackintosh. | Georgetown, S. C., Isiah J. McCattrie.     | Portland, Ore., Isaac L. Patterson.      |
| Plymouth, Mass., Herbert Morissey.       | Henry, T. Dunn.                            | Yazooia, Ore., Charles B. Croson.        |
| Salem, Mass., John Daland.               | Savannah, Ga., John H. Deveaux.            | Port Townsend, Wash., Clarence W. Ide.   |
| Buffalo, N. Y., Henry W. Brendel.        | St. Mary's, Ga., Budd Coffee.              | Sitka, Alaska, David H. Jarvis.          |
| Cape Vincent, N. Y., William J. Grant.   | Mobile, Ala., William F. Tibbetts.         | Nogales, Ariz., Frank L. Doan.           |
| Plattsburg, N. Y., Walter C. Witherbee.  | Shelborsho, Miss., William F. Swan.        | Pembina, N. D., Nelson E. Nelson.        |
| Dunkirk, N. Y., John Bourne.             | Natchez, Miss., Louis J. Winatoo.          | Honolulu, H. I., E. R. Stackable.        |
| Rochester, N. Y., Henry Harrison.        | Vicksburg, Miss., Thomas V. McAllister.    | San Juan, P. R., A. R. Cruzen.           |

SURVEYORS OF CUSTOMS.

|                                          |                                         |                                           |
|------------------------------------------|-----------------------------------------|-------------------------------------------|
| Portland, Me., Joshua L. Chamberlain.    | Louisville, Ky., Cicero M. Barnett.     | Galena, Ill., William Vincent.            |
| Boston, Mass., Jeremiah J. McCarthy.     | Paducah, Ky., John R. Puryear.          | Peoria, Ill., Richard W. Burt.            |
| Springfield, Mass., Henry L. Hines.      | Memphis, Tenn., James Jeffreys.         | Rock Island, Ill., Robert G. Pearce.      |
| Albany, N. Y., William Barnes, Jr.       | Chattanooga, Tenn., Thomas B. Stapp.    | Burlington, Ia., George H. Luddle.        |
| Greenport, N. Y., John A. Bassarear.     | Nashville, Tenn., Joseph W. Dillin.     | Council Bluffs, Ia., Leander M. Shubert.  |
| New York, N. Y., James S. Clarkson.      | Knoxville, Tenn., Elijah W. Atkins.     | Des Moines, Ia., La Fayette Redmon.       |
| Patchogue, N. Y., Sidney O. Weeks.       | Kansas City, Mo., William L. Kessinger. | Dubuque, Ia., John M. Lenihan.            |
| Port Jefferson, N. Y., Theo. W. Wheeler. | St. Joseph, Mo., John Albus, Jr.        | Sioux City, Ia., James H. Bolton.         |
| Syracuse, N. Y., Fred'k A. Kuntzsch.     | St. Louis, Mo., Charles F. Gallenkamp.  | Denver, Col., Charles H. Brickenstein.    |
| Philadelphia, Pa., Perry M. Lytle.       | Lincoln, O., Lewis Volck Sr.            | Lincoln, Neb., Lewis L. Lindsey.          |
| Pittsburg, Pa., Mahlon M. Garland.       | Columbus, O., Elmer J. Miller.          | Omaha, Neb., Cletet Taylor.               |
| Baltimore, Md., Robert A. Ravenscroft.   | Evansville, Ind., Frank B. Posey.       | La Crosse, Wis., Robert Calvert.          |
| Wheeling, W. Va., Charles H. Senseney.   | Indianapolis, Ind., Archibald A. Young. | Grand Rapids, Mich., James A. Coyer.      |
| Atlanta, Ga., Christopher C. Wimbish.    | Michigan City, Ind., Charles J. Robb.   | San Francisco, Cal., Joseph S. Spear, Jr. |
| New Orleans, La., Featon W. Gibson.      | Cairo, Ill., Thomas C. Elliott.         |                                           |

NAVAL OFFICERS OF CUSTOMS.

|                                     |                                     |                                       |
|-------------------------------------|-------------------------------------|---------------------------------------|
| Boston, Mass., Charles O. Lyford.   | New Orleans, La., Elmer E. Wood.    | San Francisco, Cal., John P. Irish.   |
| New York, N. Y., Robert A. Sharkey. | Baltimore, Md., William T. Malster. | Philadelphia, Pa., Walter T. Merrick. |

POSTMASTERS OF PRINCIPAL CITIES OF THE UNITED STATES.

|                                              |                                             |                                             |
|----------------------------------------------|---------------------------------------------|---------------------------------------------|
| New York, Cornelius Van Cott, 1897.          | Louisville, Ky., Thomas H. Baker, 1897.     | Seranton, Pa., Ezra H. Ripple, 1897.        |
| Chicago, Ill., Frederick E. Coyne, 1901.     | Omaha, Neb., Joseph Crow, 1899.             | Fall River, Mass., George A. Ballard, 1898. |
| Brooklyn, N. Y., Geo. H. Roberts, Jr., 1902. | Rochester, N. Y., James S. Graham, 1898.    | Memphis, Tenn., L. W. Dutton, 1900.         |
| St. Louis, Mo., F. W. Baumhoff, 1898.        | St. Paul, Minn., Andrew K. McGill, 1901.    | Dayton, O., Frederick G. Witthoft, 1900.    |
| Evansville, Ind., George A. Hubbard, 1899.   | Providence, R. I., Clinton D. Sewell, 1900. | Troy, N. Y., Joseph A. Leggett, 1898.       |
| Baltimore, Md., S. Davies Warfield, 1900.    | Denver, Col., John C. Trombly, 1899.        | Grand Rapids, Mich., L. K. Bishop, 1898.    |
| San Francisco, Cal., W. W. Montagne, 1897.   | Indianapolis, Ind., Geo. F. McGinnia, 1900. | Reading, Pa., Augustus M. Hich, 1899.       |
| Cincinnati, O., Elias R. Monfort, 1899.      | Albany, Pa., James A. Grier, 1898.          | Camden, N. J., Louis T. Derosoue, 1898.     |
| Cleveland, O., Charles C. Dewstoe, 1899.     | Albany, N. Y., C. E. Argersinger, 1899.     | Trenton, N. J., Alexander C. Yard, 1898.    |
| Buffalo, N. Y., Fred. Greiner, 1901.         | Columbus, O., Robert M. Rownd, 1898.        | Lynn, Mass., Howard K. Sanderson, 1900.     |
| Pittsburg, Pa., George L. Holliday, 1898.    | Syracuse, N. Y., Dwight H. Bruce, 1897.     | Atlanta, Ga., Edwin F. Blodgett, 1902.      |
| Washington, D. C., John A. Merritt, 1899.    | Worcester, Mass., J. Everts Greene, 1897.   | Wilmington, Del., Wm. H. Heald, 1900.       |
| Detroit, Mich., F. B. Dickerson, 1897.       | Toledo, O., William H. Tucker, 1898.        | New Orleans, La., J. Watts Kearny, 1902.    |
| Milwaukee, Wis., E. R. Stillman, 1898.       | Richmond, Va., Wray T. Knight, 1898.        | Kansas City, Mo., Joseph H. Harris, 1902.   |
| Newark, N. J., James L. Elys, 1899.          | New Haven, Ct., Jas. A. Howard, 1898.       | Philadelphia, Pa., Clayton McMichael, 1901. |
| Minneapolis, Minn., S. B. Loveloy, 1898.     | Lowell, Mass., Albert G. Thompson, 1898.    | Charleston, S. C., Wilmot L. Harris, 1902.  |
| Jersey City, N. J., Peter F. Wanser, 1898.   | Nashville, Tenn., Andrew W. Wills, 1898.    |                                             |

THE FEDERAL GOVERNMENT—Continued.

THE JUDICIARY.

SUPREME COURT OF THE UNITED STATES.

Chief Justice of the United States—Melville W. Fuller, of Illinois, born 1833, appointed 1888.

| Born.                              |      | App. |      |
|------------------------------------|------|------|------|
| Asso. Justice—John M. Harlan, Ky.  | 1833 | 1877 | 1893 |
| “ “ David J. Brewer, Kan.          | 1837 | 1889 | 1891 |
| “ “ Henry B. Brown, Mich.          | 1836 | 1890 | 1891 |
| “ “ George Shiras, Jr., Pa.        | 1832 | 1892 | 1892 |
| Asso. Justice—Edward D. White, La. | 1845 | 1894 | 1894 |
| “ “ Rufus W. Peckham, N. Y.        | 1837 | 1886 | 1886 |
| “ “ Joseph McKenna, Cal.           | 1843 | 1888 | 1888 |
| “ “ Oliver W. Holmes, Mass.        | 1841 | 1902 | 1902 |

Reporter—Charles H. Butler, N. Y. Clerk—J. H. McKenney, D. C. Marshal—John M. Wright, Ky.  
The salary of the Chief Justice of the United States is \$10,500; Associate Justices, \$10,000 each; of the Reporter, \$4,500; Marshal, \$3,500; Clerk of the Supreme Court, \$6,000.

CIRCUIT COURTS OF THE UNITED STATES.

| Cir. | Judges.                    | App. | Cir. | Judges.                  | App. |
|------|----------------------------|------|------|--------------------------|------|
| 1.   | Le Baron B. Colt, R. I.    | 1884 | 5.   | David D. Shelby, Ala.    | 1838 |
|      | William L. Putnam, Me.     | 1892 | 6.   | Henry F. Severns, Mich.  | 1900 |
| 2.   | William J. Wallace, N. Y.  | 1882 |      | Horace H. Lurton, Tenn.  | 1853 |
|      | E. Henry Lacombe, N. Y.    | 1887 |      | William R. Day, Ohio.    | 1839 |
|      | William K. Townsend, Ct.   | 1902 | 7.   | James G. Jenkins, Wis.   | 1893 |
|      | Alfred C. Cox, N. Y.       | 1902 |      | Peter S. Grosscup, Ill.  | 1839 |
| 3.   | Marcus W. Acheson, Pa.     | 1891 |      | Francis E. Baker, Ind.   | 1902 |
|      | George M. Dallas, Pa.      | 1882 | 8.   | Henry C. Caldwell, Ark.  | 1862 |
|      | George Gray, Del.          | 1894 |      | Walter H. Sanborn, Minn. | 1862 |
| 4.   | Nathan Goff, W. Va.        | 1892 |      | Amos M. Thayer, Mo.      | 1894 |
|      | Charles H. Simonton, S. C. | 1893 | 9.   | William W. Morrow, Cal.  | 1897 |
| 5.   | Don A. Pardee, La.         | 1881 |      | William B. Gilbert, Ore. | 1892 |
|      | A. P. McCormick, Tex.      | 1892 |      | Erskine M. Ross, Cal.    | 1895 |

Salaries, \$5,000 each. The judges of each circuit and the justice of the Supreme Court for the circuit constitute a Circuit Court of Appeals. The First Circuit consists of Maine, Massachusetts, New Hampshire, Rhode Island, Secon—Connecticut, New York, Vermont. Third—Delaware, New Jersey, Pennsylvania. Fourth—Maryland, North Carolina, South Carolina, Virginia, West Virginia. Fifth—Alabama, Florida, Georgia, Louisiana, Mississippi, Texas. Sixth—Kentucky, Michigan, Ohio, Tennessee. Seventh—Illinois, Indiana, Wisconsin. Eighth—Arkansas, Colorado, Indian and Oklahoma Territories, Iowa, Kansas, Minnesota, Missouri, Nebraska, New Mexico, North Dakota, South Dakota, Utah, Wyoming. Ninth—Alaska, Arizona, California, Idaho, Montana, Nevada, Oregon, Washington.

UNITED STATES COURT OF CLAIMS.

Chief Justice—Charles C. Nott, N. Y. Associate Judges—Lawrence Weldon, Ill.; Stanton J. Peelle, Ind.; Charles B. Howry, Miss.; Francis M. Wright, Ill. Salaries, \$4,500 each.

UNITED STATES COURT OF PRIVATE LAND CLAIMS.

Chief Justice—Joseph R. Reed, Iowa. Justices—Wilbur F. Stone, Col.; Henry C. Sluss, Kan.; Frank I. Osborne, N. C.; William W. Murray, Tenn. U. S. Attorney—Matthew G. Reynolds, Mo.

COURT OF APPEALS OF THE DISTRICT OF COLUMBIA.

Chief Justice—Richard H. Alvey, Md., \$6,500. Justices—Martin F. Morris, D. C., \$6,000; Seth Shepard, Tex., \$6,000. Clerk—Robert Willett, D. C., \$3,000.

DISTRICT COURTS OF THE UNITED STATES.

| Districts.      | Judges.                    | Addresses.        | Salaries.     | Districts.                      | Judges.               | Addresses.           | Salaries.            |            |       |
|-----------------|----------------------------|-------------------|---------------|---------------------------------|-----------------------|----------------------|----------------------|------------|-------|
| Ala.            | N. M. Thomas G. Jones.     | Montgomery        | \$5,000       | Mo.                             | W. D. ...             | John F. Philips.     | Kansas City. \$5,000 |            |       |
|                 | S. D. ...                  | H. T. Toulmin.    | Mobile        | 5,000                           | Nebraska              | ... Wm. H. Munger.   | Omaha                | 5,000      |       |
| Alaska          | M. C. Brown.               | Juneau            | 3,000         | Nevada                          | ... Thos. P. Hawley.  | Carson City          | 5,000                |            |       |
|                 | Alfred S. Moore.           | Nome              | 3,000         | N. Hamp.                        | ... Edgar Aldrich.    | Littleton            | 5,000                |            |       |
|                 | J. Wickersham.             | Eagle City        | 3,000         | New Jersey                      | ... A. Kirkpatrick.   | Newark               | 5,000                |            |       |
| Arizona         | Edward Kent.               | Phoenix           | 3,000         | New Mexico                      | ... Wm. J. Mills.     | Las Vegas            | 3,000                |            |       |
| Ark.            | E. D. ...                  | Jacob Trieber.    | Little Rock   | 5,000                           | N. Y. : N. D. ...     | George W. Ray.       | Norwich              | 5,000      |       |
|                 | W. D. ...                  | John H. Rogers.   | Fort Smith    | 5,000                           |                       | W. D. ...            | John R. Hazel.       | Buffalo    | 5,000 |
| Cal.            | N. D. ...                  | John J. De Haven. | San Francisco | 5,000                           |                       | S. D. ...            | Geo. B. Adams.       | N. Y. City | 5,000 |
|                 | S. D. ...                  | Olin Wellborn.    | Los Angeles   | 5,000                           |                       | E. D. ...            | Edw. B. Thomas.      | Brooklyn   | 5,000 |
| Colorado        | Moses Hallett.             | Denver            | 5,000         | N. C. : E. D. ...               | Thos. R. Purnell.     | Raleigh              | 5,000                |            |       |
| Connecticut     | James P. Platt.            | Hartford          | 5,000         |                                 | W. D. ...             | James E. Boyd.       | Greensboro           | 5,000      |       |
| Delaware        | Ed. G. Bradford.           | Wilmington        | 5,000         | N. Dakota                       | ... Chas. F. Amidon.  | Fargo                | 5,000                |            |       |
| Fla.            | N. D. ...                  | Charles Swayne.   | Pensacola     | 5,000                           | Ohio : N. D. ...      | A. J. Ricks.         | Cleveland            | 5,000      |       |
|                 | S. D. ...                  | James W. Locke.   | Jacksonville  | 5,000                           |                       | N. D. ...            | F. J. Wing.          | Cleveland  | 5,000 |
| Ga.             | N. D. ...                  | Wm. T. Newman.    | Atlanta       | 5,000                           |                       | S. D. ...            | A. C. Thompson.      | Cincinnati | 5,000 |
|                 | S. D. ...                  | Emory Speer.      | Macon         | 5,000                           | Oklahoma              | ... John H. Burford. | Guthrie              | 3,000      |       |
| Hawaii          | W. F. Frear.               | Honolulu          | 5,000         | Oregon                          | ... C. B. Bellingier. | Portland             | 5,000                |            |       |
| Idaho           | James H. Beatty.           | Boise             | 5,000         | Pa. : E. D. ...                 | J. B. McPherson.      | Philadelphia         | 5,000                |            |       |
| Ill.            | N. D. ...                  | C. C. Kohlsaat.   | Chicago       | 5,000                           |                       | M. D. ...            | R. W. Archbald.      | Scranton   | 5,000 |
|                 | S. D. ...                  | J. O. Humphrey.   | Springfield   | 5,000                           |                       | W. D. ...            | Jos. Buffington.     | Pittsburgh | 5,000 |
| Ind. T.         | N. D. Jos. A. Gill.        | Vinita            | 5,000         | Porto Rico                      | ... J. S. Quinones.   | San Juan             | 5,000                |            |       |
|                 | C. D. W. H. H. Clayton.    | S. McAlester      | 5,000         | R. Island                       | ... A. L. Brown.      | Providence           | 5,000                |            |       |
|                 | S. D. Hosea Townsend.      | Ardmore           | 5,000         | S. Carolina                     | ... W. H. Brawley.    | Charleston           | 5,000                |            |       |
|                 | N. C. S. D. C. W. Raymond. | Muscooge          | 5,000         | S. Dakota                       | ... John E. Carland.  | Sioux Falls          | 5,000                |            |       |
| Indiana         | A. B. Anderson.            | Indianapolis      | 5,000         | Tenn. : E. & M. Chas. D. Clark. | Chattanooga           | 5,000                |                      |            |       |
| Iowa            | N. D. ...                  | Oliver P. Shiras. | Dubuque       | 5,000                           |                       | W. D. ...            | E. S. Hammond.       | Memphis    | 5,000 |
|                 | S. D. ...                  | S. McPherson.     | Red Oak       | 5,000                           | Tex. : E. D. ...      | D. E. Bryant.        | Sherman              | 5,000      |       |
| Kansas          | Wm. C. Hook.               | Leavenworth       | 5,000         |                                 | W. D. ...             | Thos. S. Maxey.      | Austn                | 5,000      |       |
| Ky.             | W. D. ...                  | Walter Evans.     | Louisville    | 5,000                           |                       | N. D. ...            | Edw. R. Meek.        | Fort Worth | 5,000 |
|                 | E. D. ...                  | A. M. J. Cochran. | Maysville     | 5,000                           |                       | S. D. ...            | W. T. Burns          | 5,000      |       |
| La.             | E. D. ...                  | Charles Parlange. | New Orleans   | 5,000                           | Utah                  | ... J. A. Marshall.  | Salt Lake C.         | 5,000      |       |
|                 | W. D. ...                  | Aleck Boarman.    | Shreveport    | 5,000                           | Vermont               | ... H. H. Wheeler.   | Battleboro           | 5,000      |       |
| Maine           | Clarence Hale.             | Portland          | 5,000         | Va. : E. D. ...                 | E. Waddill, Jr.       | Richmond             | 5,000                |            |       |
| Maryland        | Thomas J. Morris.          | Baltimore         | 5,000         |                                 | W. D. ...             | H. C. McDowell.      | Big Stone Gap        | 5,000      |       |
| Mass.           | Francis C. Lowell.         | Boston            | 5,000         | Washington                      | ... C. H. Hanford.    | Seattle              | 5,000                |            |       |
| Mich.           | E. D. ...                  | Henry H. Swan.    | Detroit       | 5,000                           | W. Va. : N. D. ...    | J. J. Jackson.       | Sarkersburg          | 5,000      |       |
|                 | W. D. ...                  | Geo. F. Wany.     | Grand Rapids  | 5,000                           |                       | S. D. ...            | B. E. Keller.        | Bramwell   | 5,000 |
| Minnesota       | Wm. Lochren.               | Minneapolis       | 5,000         | Wis. : E. D. ...                | W. H. Seaman.         | Sheboygan            | 5,000                |            |       |
| Miss. : N. & S. | Henry C. Niles.            | Kosciusko         | 5,000         |                                 | W. D. ...             | Romanzo Bunn.        | Madison              | 5,000      |       |
| Montana         | Hiram Knowles.             | Helena            | 5,000         | Wyoming                         | ... John A. Riner.    | Cheyenne             | 5,000                |            |       |
| Mo. : E. D. ... | Elmer B. Adams.            | St. Louis         | 5,000         |                                 |                       |                      |                      |            |       |



## United States Military Academy at West Point.

EACH Senator, Congressional District, and Territory—also the District of Columbia—is entitled to have one cadet at the Academy. There are also forty appointments at large, specially conferred by the President of the United States. The number of students is thus limited to five hundred and twenty-one. At present there are two extra cadets at the Academy, who were authorized by Congress to enter it at their own expense from Venezuela and Costa Rica.

Appointments are usually made one year in advance of date of admission, by the Secretary of War, upon the nomination of the Senator or Representative. These nominations may either be made after competitive examination or given direct, at the option of the Representative. The Representative may nominate a legally qualified second candidate, to be designated the alternate. The alternate will receive from the War Department a letter of appointment, and will be examined with the regular appointee, and if duly qualified will be admitted to the Academy in the event of the failure of the principal to pass the prescribed preliminary examinations. Appointees to the Military Academy must be between seventeen and twenty-two years of age, free from any infirmity which may render them unfit for military service, and able to pass a careful examination in reading, writing, spelling, English grammar, English composition, English literature, arithmetic, algebra through quadratic equations, plane geometry, descriptive geography, and the elements of physical geography, especially the geography of the United States, United States history, the outlines of general history, and the general principles of physiology and hygiene.

The course of instruction, which is quite thorough, requires four years, and is largely mathematical and professional. The principal subjects taught are mathematics, French, drawing, drill regulations of all arms of the service, natural and experimental philosophy, chemistry, chemical physics, mineralogy, geology, electricity, history, international, constitutional, and military law, Spanish, civil and military engineering, art and science of war, and ordnance and gunnery. About one-fourth of those appointed usually fail to pass the preliminary examinations, and but little over one-half the remainder are finally graduated. The discipline is very strict—even more so than in the army—and the enforcement of penalties for offences is inflexible rather than severe. Academic duties begin September 1 and continue until June 1. Examinations are held in each December and June, and cadets found proficient in studies and correct in conduct are given the particular standing in their class to which their merits entitle them, while those cadets deficient in either conduct or studies are discharged.

From about the middle of June to the end of August cadets live in camp, engaged only in military duties and receiving practical military instruction. Cadets are allowed but one leave of absence during the four years' course, and this is granted at the expiration of the first two years. The pay of a cadet is \$609.50 per year, and, with proper economy, is sufficient for his support. The number of students at the Academy is usually about four hundred and seventy.

Upon graduating cadets are commissioned as second lieutenants in the United States Army. The whole number of graduates from 1802 to 1902, inclusive, has been 4,121. It is virtually absolutely necessary for a person seeking an appointment to apply to his Senator or Member of Congress. The appointments by the President are usually restricted to sons of officers of the army and navy, who, by reason of their shifting residence, due to the necessities of the service, find it next to impossible to obtain an appointment otherwise.

The Academy was established by act of Congress in 1802. An annual Board of Visitors is appointed, seven being appointed by the President of the United States, two by the President of the Senate, and three by the Speaker of the House of Representatives. They visit the Academy in June, and are present at the concluding exercises of the graduating class of that year. The Superintendent is Colonel Albert L. Mills, United States Army, and the military and academic staff consists of seventy-two persons. Captain William C. Rivers, First Cavalry, is adjutant.

The two oldest living graduates of the Military Academy are Thomas A. Morris, of Indianapolis, 1834, and General Herman Haupt, of Washington, D. C., 1835.

## United States Naval Academy at Annapolis.

THERE are allowed at the Academy one midshipman for each Member or Delegate of the United States House of Representatives, one for the District of Columbia, and ten at large. The appointment of midshipmen at large and for the District of Columbia is made by the President. In addition to the above an act of Congress approved July 1, 1902, provides that until the year 1914 the President shall appoint five midshipmen, and there shall be appointed from the States at large upon the recommendation of Senators two midshipmen from each State. The Secretary of the Navy, as soon after March 5 in each year as possible, must notify in writing each Member and Delegate of the House of Representatives of any vacancy that may exist in his district. The nomination of a candidate to fill the vacancy is made, on the recommendation of the Member or Delegate, by the Secretary. Candidates must be actual residents of the districts from which they are nominated.

The course of midshipmen is six years, the last two of which are spent at sea. Candidates are examined mentally by the United States Civil Service Commission at points designated by the commission; the first two examinations taking place at points nearest the homes of the candidates and the third at Washington. Members of Congress having the appointment of a midshipman are authorized to nominate one principal and five alternates. Candidates at the time of their examination for admission must be not under fifteen nor over twenty years of age and physically sound, well formed, and of robust constitution. They are examined mentally by the academic board in reading, writing, spelling, arithmetic, geography, English grammar, United States history, world's history, algebra through quadratic equations, and plane geometry (five books of Chauvenet's Geometry, or an equivalent). Deficiency in any one of these subjects may be sufficient to insure the rejection of the candidate. They enter the Academy immediately after passing the prescribed examinations, and are required to sign articles binding themselves to serve in the United States Navy eight years (including the time of probation at the Naval Academy), unless sooner discharged. The pay of a midshipman is \$500 a year, beginning at the date of admission.

The Academy was founded in 1845 by the Hon. George Bancroft, Secretary of the Navy in the Administration of President Polk. It was formally opened October 10 of that year, with Commander Franklin Buchanan as Superintendent. During the Civil War it was removed from Annapolis, Md., to Newport, R. I., but was returned to the former place in 1865. It is under the direct supervision of the Bureau of Navigation, Navy Department. Captain W. H. Brownson, United States Navy, is the present Superintendent. By act of Congress approved July 1, 1902, the former title "naval cadet" was changed to "midshipman."



The Army.

GENERAL OFFICERS OF THE LINE.

|                    |                         |                                   |                        |
|--------------------|-------------------------|-----------------------------------|------------------------|
| Lieutenant-General | Nelson A. Miles.....    | United States Army.....           | Washington, D. C.      |
| Major-General..... | Samuel B. M. Young..... | President War College Board.....  | Washington, D. C.      |
| "                  | Adna R. Chaffee.....    | Department of the East.....       | Gov. Island, N. Y.     |
| "                  | Arthur MacArthur.....   | Department of the Lakes.....      | Chicago, Ill.          |
| "                  | Robert P. Hughes.....   | Department of California.....     | San Francisco, Cal.    |
| "                  | John C. Bates.....      | Department of the Missouri.....   | Omaha, Neb.            |
| "                  | George W. Davis.....    | Division of the Philippines.....  | Manila, P. I.          |
| Brigadier-General  | James F. Wade.....      | Department of Luzon.....          | Manila, P. I.          |
| "                  | Samuel S. Sumner.....   | Department of Mindanao.....       | Zamboanga, P. I.       |
| "                  | Leonard Wood.....       | Special Duty.....                 | Washington, D. C.      |
| "                  | George M. Randall.....  | Department of Columbia.....       | Vancouver B'ks, Wash.  |
| "                  | William A. Kobbé.....   | Department of Dakota.....         | St. Paul, Minn.        |
| "                  | Frederick D. Grant..... | Department of Texas.....          | San Antonio, Tex.      |
| "                  | J. Franklin Bell.....   | Staff College.....                | Fort Leavenworth, Kan. |
| "                  | Frederick Baldwin.....  | Department of the Colorado.....   | Denver, Col.           |
| "                  | Frank D. Weston.....    | Department of the Visayas.....    | Iloilo, P. I.          |
| "                  | Theodore J. Wint.....   | Brigade in Philippines.....       | Manila, P. I.          |
| "                  | Jesse M. Lee.....       | Brigade in Philippines.....       | Manila, P. I.          |
| "                  | William H. Carter.....  | Member War College Board.....     | Washington, D. C.      |
| "                  | Tasker H. Bliss.....    | Member War College Board.....     | Washington, D. C.      |
| "                  | Joseph P. Sanger.....   | Supervisor Philippine Census..... | Manila, P. I.          |

CHIEFS OF STAFF CORPS AND BUREAUS OF THE WAR DEPARTMENT.

|                    |                           |                                   |                   |
|--------------------|---------------------------|-----------------------------------|-------------------|
| Major-General..... | Henry C. Corbin.....      | Adjutant-General.....             | Washington, D. C. |
| Brigadier-General  | Jos. C. Breckinridge..... | Inspector-General.....            | Washington, D. C. |
| "                  | George B. Davis.....      | Judge-Advocate-General.....       | Washington, D. C. |
| "                  | M. I. Ludington.....      | Quartermaster-General.....        | Washington, D. C. |
| "                  | John F. Weston.....       | Commissary-General.....           | Washington, D. C. |
| "                  | Robert M. O'Reilly.....   | Surgeon-General.....              | Washington, D. C. |
| "                  | Alfred E. Bates.....      | Paymaster-General.....            | Washington, D. C. |
| "                  | George L. Gillespie.....  | Chief of Engineers.....           | Washington, D. C. |
| "                  | William Hazler.....       | Chief of Ordnance.....            | Washington, D. C. |
| "                  | Adolphus W. Greely.....   | Chief Signal Officer.....         | Washington, D. C. |
| "                  | Fred. C. Alnsworth.....   | Chief Record and Pension Off..... | Washington, D. C. |

GENERALS ON THE RETIRED LIST OF THE ARMY.

|                              |            |                      |                                |                               |
|------------------------------|------------|----------------------|--------------------------------|-------------------------------|
| Anderson, T. M.....          | Brig.-Gen. | Sol. & Sail Home, O. | Lincoln, Sumner H. Brig.-Gen.  | Fernbank, Ohio.               |
| Auld, William.....           | "          | Buffalo, N. Y.       | Long, Eli.....                 | Plainfield, N. J.             |
| Baird, Absalom.....          | "          | Washington, D. C.    | McCook, A. McD. Maj.-Gen.      | Ft. Monroe, Va.               |
| Barlow, John W.....          | "          | Washington, D. C.    | McKibben, Cham.....            | Brig.-Gen. Washington, D. C.  |
| Barr, Thomas F.....          | "          | Lawrence, Mass.      | Merriam, Henry C.....          | Wayne, Pa.                    |
| Bell, James M.....           | "          | Washington, D. C.    | Merritt, Wesley.....           | Maj.-Gen. Washington, D. C.   |
| Bell, William H.....         | "          | Arvado, Col.         | Miller, M. P.....              | Brig.-Gen. Washington, D. C.  |
| Bird, Charles.....           | "          | Wilmington, Del.     | Mills, Anson.....              | Washington, D. C.             |
| Bisbee, William H.....       | "          | Washington, D. C.    | Moore, John.....               | Washington, D. C.             |
| Breck, Samuel.....           | "          | Boston, Mass.        | Morgan, M. R.....              | St. Paul, Minn.               |
| Brooke, John R.....          | Maj.-Gen.  | Rosemont, Pa.        | Murray, Robert.....            | Elkridge, Md.                 |
| Buffington, A. R.....        | Brig.-Gen. | Madison, N. J.       | Otis, Ellwll S.....            | Maj.-Gen. Rochester, N. Y.    |
| Burke, Daniel W.....         | "          | Portland, Ore.       | Ovenshine, S.....              | Brig.-Gen. Washington, D. C.  |
| Burt, Andrew S.....          | "          | Ft. Myer, Va.        | Patterson, J. H.....           | Albany, N. Y.                 |
| Carey, Asa B.....            | "          | Vin'd Haven, Mass    | Pennington, A. C. M.....       | West Point, N. Y.             |
| Carlin, W. P.....            | "          | Spokane, Wash.       | Quinton, William.....          | St. Paul, Minn.               |
| Carlton, Caleb H.....        | "          | Washington, D. C.    | Robert, Henry M.....           | Hayworth, N. J.               |
| Carpenter, G. S.....         | "          | Montclair, N. J.     | Rochester, W. B.....           | Washington, D. C.             |
| Carpenter, L. H.....         | "          | Philadelphia, Pa.    | Rodgers, John I.....           | Brooklyn, N. Y.               |
| Carr, Eugene A.....          | "          | Washington, D. C.    | Rucker, D. H.....              | Washington, D. C.             |
| Clous, John W.....           | "          | New York City.       | Ruger, Thos. H.....            | Maj.-Gen. Stamford, Ct.       |
| Coppinger, J. J.....         | "          | Washington, D. C.    | Ruggles, George D. Brig.-Gen.  | Washington, D. C.             |
| Craigbill, W. P.....         | "          | Charlest' wn. Va     | Sawtelle, C. G.....            | Washington, D. C.             |
| Daggett, Aaron S.....        | "          | Boston, Mass.        | Schofield, John M. Lient.-Gen. | St. Augustine, Fla.           |
| De Russy, I. D.....          | "          | Washington, D. C.    | Schwan, Theodore. Brig.-Gen.   | Washington, D. C.             |
| Drum, R. C.....              | "          | Bethesda, Md.        | Shafter, W. R.....             | Maj.-Gen. San Francisco, Cal. |
| Eagan, Charles P.....        | "          | San Francisco, Cal.  | Sheridan, M. V.....            | Brig.-Gen. Gov. Island, N. Y. |
| Fessenden, F.....            | "          | Portland, Me.        | Sickles, Daniel E.....         | New York City.                |
| Forwood, Wm. H.....          | "          | Washington, D. C.    | Sinclair, William.....         | Washington, D. C.             |
| Forsyth, James W. Maj.-Gen.  |            | Columbus, Ohio.      | Smith, Jacob H.....            | Portsmouth, Ohio.             |
| Frank, Royal T.....          | Brig.-Gen. | Washington, D. C.    | Smith, William.....            | Pbm. Manor, N. Y.             |
| Freeman, Henry B.....        | "          | Leavenworth, Kan.    | Snyder, Geo.....               | Reading, Pa.                  |
| Graham, W. M.....            | "          | San Francisco, Cal.  | Spurgin, Wm. F.....            | Trenton, N. J.                |
| Grierson, B. H.....          | "          | Jacksonville, Ill.   | Sternberg, Simon.....          | Washington, D. C.             |
| Guenther, F. L.....          | "          | New York City.       | Sullivan, Thos. C.....         | Troy, Ohio.                   |
| Hall, Robert H.....          | "          | Ft. Porter, N. Y.    | Sumner, E. V.....              | Washington, D. C.             |
| Harbach, Abram A.....        | "          | Rochester, N. Y.     | Ward, Thomas.....              | Oswego, N. Y.                 |
| Hardin, M. D.....            | "          | Chicago, Ill.        | Weeks, George H.....           | Washington, D. C.             |
| Hawkins, H. S.....           | "          | Washington, D. C.    | Wheaton, Frank.....            | Maj.-Gen. Washington, D. C.   |
| Hawkins, John P.....         | "          | Indianapolis, Ind.   | Wheaton, Loyd.....             | Chicago, Ill.                 |
| Holabird, S. B.....          | "          | Washington, D. C.    | Wheeler, Joseph.....           | Brig.-Gen. Brooklyn, N. Y.    |
| Hood, Charles C.....         | "          | Springfield, Mass.   | Wherry, Wm. M.....             | Cincinnati, Ohio.             |
| Hooton, Mott.....            | "          | S. Bethlehem, Ia.    | Whitside, Sam. M.....          | Washington, D. C.             |
| Howard, Oliver O. Maj.-Gen.  |            | Burlington, Vt.      | Willcox, O. B.....             | Washington, D. C.             |
| Kellogg, Edgar R. Brig.-Gen. |            | Baltimore, Md.       | Wilson, James H.....           | Wilmington, Del.              |
| Kent, Jacob F.....           | "          | West Troy, N. Y.     | Wilson, John M.....            | Washington, D. C.             |
| Kimball, Amos. S.....        | "          | New York City.       | Wood, T. J.....                | Dayton, Ohio.                 |
| Lee, Fitzhugh.....           | "          | Charlottesville, Va. | Worth, Wm. S.....              | Ft. Hamilton, N. Y.           |
| Lieber, G. Norman.....       | "          | Washington, D. C.    |                                |                               |

## RETIREMENTS OF GENERALS ON THE ACTIVE LIST.

The following are the dates of the future retirements of Generals on the active list: Major-General Robert P. Hughes, April 11, 1903; Quartermaster-General Marshal L. Ludington, July 14, 1903; Major-General George W. Davis, July 26, 1903; Lieutenant-General Nelson A. Miles, August 8, 1903; Major-General Samuel B. M. Young, January 9, 1904; Brigadier-General Joseph P. Sanger, May 4, 1904; Brigadier-General William A. Kobbé, May 10, 1904; Paymaster-General Alfred E. Bates, July 15, 1904; Chief of Engineers George L. Gillespie, October 7, 1905; Brigadier-General George M. Randall, October 8, 1905; Inspector-General Joseph C. Breckinridge, January 14, 1906; Brigadier-General Samuel S. Sumner, February 6, 1906; Major-General Adna R. Chaffee, April 14, 1906; Brigadier-General Frank D. Baldwin, June 26, 1906; Major-General John C. Bates, August 26, 1906; Adjutant-General Henry C. Corbin, September 15, 1906; Brigadier-General Jesse M. Lee, January 2, 1907; Brigadier-General James F. Wade, April 14, 1907; Chief Signal Officer Adolphus W. Greely, March 27, 1908; Surgeon-General Robert M. O'Reilly, January 14, 1909; Brigadier-General Theodore J. Wint, March 6, 1909; Major-General Arthur MacArthur, June 2, 1909; Commissary-General John F. Weston, November 13, 1909; Judge-Advocate-General George B. Davis, February 14, 1911; Brigadier-General Frederick D. Grant, May 30, 1914; Brigadier-General William H. Carter, November 19, 1915; Chief of Record and Pension Office Fred. C. Ainsworth, September 11, 1916; Brigadier-General Tasker H. Bliss, December 31, 1917; Chief of Ordnance William Crozier, February 19, 1919; Brigadier-General J. Franklin Bell, January 9, 1920; Brigadier-General Leonard Wood, October 9, 1924; Brigadier-General Frederick Funston, November 9, 1929.

## ORGANIZATION OF THE ARMY.

The army in active service as now organized under the act of Congress of February 2, 1901, comprises 15 regiments of cavalry, 750 officers and 12,620 enlisted men; an artillery corps, 30 batteries of field artillery and 126 companies of coast artillery, 651 officers and 17,742 enlisted men; 30 regiments of infantry, 1,500 officers and 25,345 enlisted men; 3 battalions of engineers, 1,282 enlisted men, commanded by officers detailed from the corps of engineers; staff corps, Military Academy, Indian scouts, recruits, etc., 2,877 enlisted men; also a provisional force consisting of 1 regiment in Porto Rico, 31 officers and 554 native enlisted men, and 50 companies of native scouts in the Philippines, 100 officers and about 5,000 enlisted men. The total number of commissioned officers, staff and line, on the active list, is 3,820, and the total enlisted strength, staff and line, is 59,866, exclusive of the provisional force and the hospital corps. The act cited provides that the total enlisted strength of the army shall not exceed at any one time 100,000.

## MILITARY DIVISIONS

HEADQUARTERS OF THE ARMY.—Commander, Lieut.-Gen. Nelson A. Miles, Washington, D. C.

DIVISION OF THE PHILIPPINES.—Consisting of the Departments of Luzon, Visayas, and Mindanao, comprising all the islands ceded to the United States by Spain; headquarters, Manila, P. I. Commander, Major-Gen. G. W. Davis.

DEPARTMENT OF LUZON.—Includes all that portion of the Philippine Archipelago lying north of a line passing southeastwardly through the West Pass of Apo, or Mindoro Strait, to the 12th parallel of north latitude, thence east along said parallel to 124° 10' east of Greenwich, but including the entire Island of Masbate; thence north to San Bernardino Straits; headquarters, Manila, P. I. Commander, Brig.-Gen. James F. Wade.

DEPARTMENT OF THE VISAYAS.—Includes all islands south of the southern line of the Department of Luzon and east of longitude 121° 45' east of Greenwich, and north of the 9th parallel of latitude, excepting the islands of Mindanao, Paragua, and all islands east of the Straits of Surigao. Commander, Brig.-Gen. F. D. Baldwin.

DEPARTMENT OF MINDANAO.—Includes all the remaining islands of the Philippine Archipelago. Commander, Brig.-Gen. Samuel S. Sumner.

DEPARTMENT OF CALIFORNIA.—States of California and Nevada, the Hawaiian Islands and their dependencies; headquarters, San Francisco, Cal. Commander, Major-Gen. Robert P. Hughes.

DEPARTMENT OF THE COLORADO.—States of Wyoming (except so much thereof as is embraced in the Yellowstone National Park), Colorado, and Utah, and the Territories of Arizona and New

## AND DEPARTMENTS.

Mexico; headquarters, Denver, Col. Commander, Brig.-Gen. Frederick Funston.

DEPARTMENT OF THE COLUMBIA.—States of Washington, Oregon, Idaho, and the Territory of Alaska (except so much of Idaho as is embraced in the Yellowstone National Park); headquarters, Vancouver Barracks, Wash. Commander, Brig.-Gen. G. M. Randall.

DEPARTMENT OF DAKOTA.—States of Minnesota, North Dakota, South Dakota, Montana, and so much of Wyoming and Idaho as is embraced in the Yellowstone National Park; headquarters, St. Paul, Minn. Commander, Brig.-Gen. W. A. Kobbé.

DEPARTMENT OF THE EAST.—New England States, New York, New Jersey, Pennsylvania, Delaware, Maryland, District of Columbia, West Virginia, Virginia, North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, and Louisiana, and District of Porto Rico, embracing Porto Rico and adjacent islands; headquarters, Governor's Island, N. Y. Commander, Major-Gen. Adna R. Chaffee.

DEPARTMENT OF THE LAKES.—States of Wisconsin, Michigan, Illinois, Indiana, Ohio, Kentucky, and Tennessee; headquarters, Chicago, Ill. Commander, Major-Gen. Arthur MacArthur.

DEPARTMENT OF THE MISSOURI.—States of Iowa, Nebraska, Missouri, Kansas, and Arkansas, the Indian Territory, and the Territory of Oklahoma; headquarters, Omaha, Neb. Commander, Major-Gen. J. C. Bates.

DEPARTMENT OF TEXAS.—State of Texas; headquarters, San Antonio, Tex. Commander, Brig.-Gen. F. D. Grant.

## NATIONAL AND INTERNATIONAL SALUTES.

Salute to the national flag, the President of the United States, the presidents and sovereigns of foreign states, 21 guns; salute to the Vice-President and United States and foreign Ambassadors, 19 guns; salute to the President of the Senate, Speaker of the House of Representatives, Cabinet officers, Chief Justice, Governors within their respective States or Territories, Governors-General of foreign states, General of the Army, Admiral of the Navy, and same ranks in foreign armies and navies, 17 guns; United States and foreign Ministers Plenipotentiary, Assistant Secretaries of War or the Navy, Lieutenant-General or Major-General commanding the army, and corresponding ranks in the navy and foreign armies and navies, 15 guns; ministers resident, major-generals, rear-admirals, and corresponding ranks in foreign armies and navies, 13 guns; *chargés d'affaires*, brigadier-generals, commodores, and corresponding ranks in foreign armies and navies, 11 guns; consul-generals, 9 guns.

## RELATIVE RANK OF THE SUPERIOR OFFICERS OF THE REGULAR ARMY.

| Name, Rank, and Date of Commission.<br>November 1, 1902. |                                          | Corps or Regi-<br>ment and Corps. | Name, Rank, and Date of Commission.<br>November 1, 1902. |                                           | Corps or Regi-<br>ment and Corps. |
|----------------------------------------------------------|------------------------------------------|-----------------------------------|----------------------------------------------------------|-------------------------------------------|-----------------------------------|
| LIEUTENANT-GENERAL.                                      |                                          |                                   | COLONELS—Continued.                                      |                                           |                                   |
| 1                                                        | Miles, Nelson A. . . . . Feb. 2, 1901    | general officer                   | 47                                                       | Jocelyn, Stephen P. . . . . Feb. 28, 1901 | 14 infantry.                      |
| MAJOR-GENERALS.                                          |                                          |                                   | 48                                                       | Garlington, E. A. . . . . Mar. 1, 1901    | ins. gen. dept.                   |
| 1                                                        | Corbin, Henry C. . . . . June 6, 1900    | adjt. general.                    | 49                                                       | Wallace, Wm. M. . . . . Mar. 1, 1901      | 15 cavalry.                       |
| 2                                                        | Young, S. B. M. . . . . Feb. 2, 1901     | general officer                   | 50                                                       | Coolidge, Chas. A. . . . . Mar. 2, 1901   | 7 infantry.                       |
| 3                                                        | Chaffee, Adna R. . . . . Feb. 4, 1901    | general officer                   | 51                                                       | Dougherty, Wm. E. Mar. 5, 1901            | 8 infantry.                       |
| 4                                                        | MacArthur, Arthur. Feb. 5, 1901          | general officer                   | 52                                                       | Nye, Frank E. . . . . Apr. 1, 1901        | sub. dept.                        |
| 5                                                        | Hughes, Robert P. Apr. 1, 1902           | general officer                   | 53                                                       | Goadale, G. A. . . . . Apr. 1, 1901       | 17 infantry.                      |
| 6                                                        | Bates, John C. . . . . July 16, 1902     | general officer                   | 54                                                       | Lippincott, Henry. Apr. 13, 1901          | med. dept.                        |
| 7                                                        | Davis, George W. . . . . July 21, 1902   | general officer                   | 55                                                       | Roberts, Cyrus S. . . . . Apr. 13, 1901   | 2 infantry.                       |
| BRIGADIER-GENERALS.                                      |                                          |                                   | 56                                                       | Hall, William P. . . . . Apr. 18, 1901    | a. g. dept.                       |
| 1                                                        | Greely, Adolphus W. Mar. 3, '87          | sig. corps.                       | 57                                                       | Thompson, J. M. . . . . Apr. 22, 1901     | 23 infantry.                      |
| 2                                                        | Breckinridge, J. C. . . . . Jan. 30, '89 | ins. gen. dept.                   | 58                                                       | Lydecker, Garrett J. Apr. 30, 1901        | corps of eng.                     |
| 3                                                        | Wade, James F. . . . . May 26, '97       | general officer                   | 59                                                       | Stickney, Amos . . . . . May 2, 1901      | corps of eng.                     |
| 4                                                        | Ludington, M. I. . . . . Feb. 2, '98     | qm. dept.                         | 60                                                       | MacKenzie, Alex. . . . . May 3, 1901      | corps of eng.                     |
| 5                                                        | Ainsworth, Fred. C. Mar. 2, '99          | r. and p. office                  | 61                                                       | Sniffen, Culver C. . . . . May 3, 1901    | pay dept.                         |
| 6                                                        | Bates, Alfred E. . . . . Dec. 12, '99    | pay dept.                         | 62                                                       | De Witt, Calvin. . . . . May 7, 1901      | med. dept.                        |
| 7                                                        | Weston, John F. . . . . Dec. 6, 1900     | sub. dept.                        | 63                                                       | Woodruff, Carle A. . . . . May 8, 1901    | artillery corps                   |
| 8                                                        | Sumner, Samuel S. . . . . Feb. 4, 1901   | general officer                   | 64                                                       | Hunter, Edward. . . . . May 21, 1901      | j. a. g. dept.                    |
| 9                                                        | Wood, Leonard . . . . . Feb. 4, 1901     | general officer                   | 65                                                       | Groesbeck, S. W. . . . . May 24, 1901     | j. a. g. dept.                    |
| 10                                                       | Randall, Geo. M. . . . . Feb. 6, 1901    | general officer                   | 66                                                       | Woodson, Albert E. May 31, 1901           | 3 cavalry.                        |
| 11                                                       | Kobbé, Wm. A. . . . . Feb. 6, 1901       | general officer                   | 67                                                       | Godfrey, Edward S. May 26, 1901           | 9 cavalry.                        |
| 12                                                       | Grant, Fred. D. . . . . Feb. 18, 1901    | general officer                   | 68                                                       | Wagner, Arthur L. . . . . June 30, 1901   | a. g. dept.                       |
| 13                                                       | Bell, J. Franklin. . . . . Feb. 19, 1901 | general officer                   | 69                                                       | Kinzie, David H. . . . . July 1, 1901     | artillery corps                   |
| 14                                                       | Funston, Frederick. Apr. 1, 1901         | general officer                   | 70                                                       | Bubb, John W. . . . . July 1, 1901        | 12 infantry.                      |
| 15                                                       | Gillespie, Geo. L. . . . . May 3, 1901   | corps of eng.                     | 71                                                       | Davis, Charles L. . . . . July 11, 1901   | 5 infantry.                       |
| 16                                                       | Davis, George B. . . . . May 24, 1901    | j. a. g. dept.                    | 72                                                       | Myrick, John R. . . . . Aug. 1, 1901      | artillery corps                   |
| 17                                                       | Crozier, William . . . . . Nov. 22, 1901 | ord. dept.                        | 73                                                       | Tiernon, John L. . . . . Aug. 22, 1901    | artillery corps                   |
| 18                                                       | Baldwin, Frank D. . . . . June 9, 1902   | general officer                   | 74                                                       | Rucker, Louis H. . . . . Sept. 17, 1901   | 8 cavalry.                        |
| 19                                                       | Wint, Theodore J. . . . . June 9, 1902   | general officer                   | 75                                                       | Markley, Alfred C. . . . . Oct. 5, 1901   | 13 infantry.                      |
| 20                                                       | Lee, Jesse M. . . . . June 17, 1902      | general officer                   | 76                                                       | Humphrey, Chas. F. Oct. 26, 1901          | qm. dept.                         |
| 21                                                       | Carter, William H. . . . . July 15, 1902 | general officer                   | 77                                                       | Miller, James . . . . . Nov. 11, 1901     | 22 infantry.                      |
| 22                                                       | Bliss, Tasker H. . . . . July 21, 1902   | general officer                   | 78                                                       | Huggins, Eli L. . . . . Nov. 16, 1901     | 3 cavalry.                        |
| 23                                                       | Sanger, Joseph P. . . . . July 23, 1902  | general officer                   | 79                                                       | Forbush, William C. Dec. 6, 1901          | 12 cavalry.                       |
| 24                                                       | O'Reilly, Robert M. Sept. 7, 1902        | med. dept.                        | 80                                                       | Ward, Henry C. . . . . Jan. 31, 1902      | 15 infantry.                      |
| COLONELS.                                                |                                          |                                   | 81                                                       | Morris, Charles. . . . . Feb. 21, 1902    | artillery corps                   |
| 1                                                        | Tilman, Charles W. . . . . Aug. 14, '86  | prof. m. a.                       | 82                                                       | Heizmann, Chas. L. Apr. 7, 1902           | med. dept.                        |
| 2                                                        | Tilman, Samuel E. . . . . Dec. 31, '90   | prof. m. a.                       | 83                                                       | Craigie, David J. . . . . Apr. 14, 1902   | 11 infantry.                      |
| 3                                                        | Mordecai, Alfred . . . . . Jan. 31, '91  | ord. dept.                        | 84                                                       | Bowman, Alpheus H. Apr. 14, 1902          | 25 infantry.                      |
| 4                                                        | Burton, George H. . . . . Jan. 2, '95    | ins. gen. dept.                   | 85                                                       | Foote, Morris C. . . . . Apr. 15, 1902    | 28 infantry.                      |
| 5                                                        | Page, John H. . . . . May 31, '95        | 3 infantry.                       | 86                                                       | Rice, Edmund. . . . . May 6, 1902         | 19 infantry.                      |
| 6                                                        | Hains, Peter C. . . . . Aug. 13, '95     | corps of eng.                     | 87                                                       | Fenney, Charles G. . . . . May 9, 1902    | 29 infantry.                      |
| 7                                                        | Suter, Charles R. . . . . Oct. 12, '95   | corps of eng.                     | 88                                                       | Chance, Jesse C. . . . . May 28, 1902     | 4 infantry.                       |
| 8                                                        | Smith, Jared A. . . . . Feb. 5, '97      | corps of eng.                     | 89                                                       | Angur, Jacob A. . . . . June 9, 1902      | 10 cavalry.                       |
| 9                                                        | Bingham, Theo. A. . . . . Mar. 9, '97    | in cz. pub. bldg                  | 90                                                       | Noble, Charles H. . . . . June 9, 1902    | 10 infantry.                      |
| 10                                                       | Kline, Jacob. . . . . Apr. 30, '97       | 21 infantry.                      | 91                                                       | McGinness, John R. June 14, 1902          | ord. dept.                        |
| 11                                                       | Woodruff, C. A. . . . . May 11, '98      | snb. dept.                        | 92                                                       | Girard, Alfred C. . . . . June 28, 1902   | med. dept.                        |
| 12                                                       | Mansfield, Samuel M. July 5, '98         | corps of eng.                     | 93                                                       | Smith, Allen . . . . . June 28, 1902      | 6 cavalry.                        |
| 13                                                       | Farley, Joseph P. . . . . July 7, '98    | ord. dept.                        | 94                                                       | Rogers, William P. . . . . June 28, 1902  | 30 infantry.                      |
| 14                                                       | Dunwoody, Hy. H. C. July 8, '98          | sig. corps.                       | 95                                                       | Edwards, C. R. . . . . July 1, 1902       | chf. bu. ins. af.                 |
| 15                                                       | Mills, Albert L. . . . . Aug. 22, '98    | supt. mil. acd.                   | 96                                                       | Forbes, Theo. F. . . . . July 14, 1902    | 27 infantry.                      |
| 16                                                       | Coxe, Frank M. . . . . Feb. 1, '99       | pay dept.                         | 97                                                       | Barry, Thomas H. . . . . July 15, 1902    | a. g. dept.                       |
| 17                                                       | Hausbrouck, Henry C. Feb. 13, '99        | artillery corps                   | 98                                                       | Heistand, H. O. S. . . . . July 22, 1902  | a. g. dept.                       |
| 18                                                       | Rawles, Jacob B. . . . . Feb. 23, '99    | artillery corps                   | 99                                                       | Heyl, Charles H. . . . . July 23, 1902    | ins. gen. dept.                   |
| 19                                                       | Babbitt, Lawrence S. Apr. 7, '99         | ord. dept.                        | 100                                                      | Girard, Joseph B. . . . . Sept. 7, 1902   | med. dept.                        |
| 20                                                       | Baldwin, Theodore A. May 6, '99          | 7 cavalry.                        | 101                                                      | Mills, Samuel M. . . . . Sept. 11, 1902   | artillery corps                   |
| 21                                                       | Haskin, William L. . . . . Oct. 16, '99  | artillery corps                   | 102                                                      | Hennisee, A. G. . . . . Sept. 13, 1902    | 5 cavalry.                        |
| 22                                                       | Randolph, Wallace F. Oct. 17, '99        | artillery corps                   | 103                                                      | Wheeler, Daniel D. . . . . Oct. 2, 1902   | qm. dept.                         |
| 23                                                       | Miner, Charles W. . . . . Dec. 15, '99   | 6 infantry.                       | 104                                                      | Duggan, Walter T. . . . . Oct. 3, 1902    | 1 infantry.                       |
| 24                                                       | Sanno, James M. J. . . . . Dec. 18, '99  | 18 infantry.                      | 105                                                      | Wood, Edward E. . . . . Oct. 5, 1902      | prof. m. a.                       |
| 25                                                       | Vroom, Peter D. . . . . Dec. 19, '99     | ins. gen. dept.                   | 106                                                      | Mattie, Leon A. . . . . Oct. 7, 1902      | 24 infantry.                      |
| 26                                                       | Carr, C. C. . . . . Jan. 23, 1900        | 4 cavalry.                        | 107                                                      | Story, John P. . . . . Oct. 15, 1902      | artillery corps                   |
| 27                                                       | McCaskey, Wm. S. Jan. 29, 1900           | 20 infantry.                      | 108                                                      | Price, Butler D. . . . . Oct. 18, 1902    | 16 infantry.                      |
| 28                                                       | Robe, Charles F. . . . . July 13, 1900   | 9 infantry.                       | LIEUTENANT-COLONELS.                                     |                                           |                                   |
| 29                                                       | McCrea, Tully. . . . . July 15, 1900     | artillery corps                   | 1                                                        | Ernst, Oswald H. . . . . Mar. 31, '95     | corps of eng.                     |
| 30                                                       | Furey, John V. . . . . Aug. 12, 1900     | qm. dept.                         | 2                                                        | Heap, David P. . . . . May 10, '95        | corps of eng.                     |
| 31                                                       | Atwood, Edwin B. . . . . Nov. 1, 1900    | qm. dept.                         | 3                                                        | Jones, William A. . . . . Oct. 2, '95     | corps of eng.                     |
| 32                                                       | Brown, Justus M. . . . . Feb. 2, 1901    | med. dept.                        | 4                                                        | Damrell, Andrew N. Oct. 12, '95           | corps of eng.                     |
| 33                                                       | Smart, Charles. . . . . Feb. 2, 1901     | med. dept.                        | 5                                                        | Fieberger, Gustav J. . . . . May 4, '96   | prof. m. a.                       |
| 34                                                       | Marshall, James M. Feb. 2, 1901          | qm. dept.                         | 6                                                        | Allen, Charles J. . . . . Feb. 5, '97     | corps of eng.                     |
| 35                                                       | Sirpsson, John. . . . . Feb. 2, 1901     | qm. dept.                         | 7                                                        | Raymond, Chas. W. . . . . May 18, '98     | corps of eng.                     |
| 36                                                       | Smith, Frank G. . . . . Feb. 2, 1901     | artillery corps                   | 8                                                        | Miller, Alexander M. July 5, '98          | corps of eng.                     |
| 37                                                       | Sharpe, Henry G. . . . . Feb. 2, 1901    | snb. dept.                        | 9                                                        | Adams, Milton B. . . . . July 5, '98      | corps of eng.                     |
| 38                                                       | Williams, Constant. Feb. 2, 1901         | 26 infantry.                      | 10                                                       | Livermore, Wm. R. . . . . July 5, '98     | corps of eng.                     |
| 39                                                       | Towar, Albert S. . . . . Feb. 2, 1901    | pay dept.                         | 11                                                       | Phipps, Frank H. . . . . July 7, '98      | ord. dept.                        |
| 40                                                       | Rodney, Geo. B. . . . . Feb. 2, 1901     | artillery corps                   | 12                                                       | Edgerton, Wright P. . . . . Oct. 7, '98   | prof. m. a.                       |
| 41                                                       | Wells, Almond B. . . . . Feb. 2, 1901    | 1 cavalry.                        | 13                                                       | Reilly, James W. . . . . Apr. 7, '99      | ord. dept.                        |
| 42                                                       | Moore, Francis. . . . . Feb. 2, 1901     | 11 cavalry.                       | 14                                                       | Baird, George W. . . . . July 12, '99     | pay dept.                         |
| 43                                                       | Cleary, Peter J. A. . . . . Feb. 4, 1901 | med. dept.                        | 15                                                       | McCanley, C. A. H. . . . . July 13, '99   | qm. dept.                         |
| 44                                                       | Hayes, Edward M. . . . . Feb. 17, 1901   | 13 cavalry.                       | 16                                                       | Allen, James. . . . . Dec. 1, '99         | sig. corps.                       |
| 45                                                       | Lebo, Thomas C. . . . . Feb. 19, 1901    | 14 cavalry.                       | 17                                                       | Heuer, William H. . . . . Jan. 29, 1900   | corps of eng.                     |
| 46                                                       | Babcock, John B. . . . . Feb. 21, 1901   | a. g. dept.                       | 18                                                       | Stanton, William S. Feb. 7, 1900          | corps of eng.                     |

## RELATIVE RANK OF THE SUPERIOR OFFICERS OF THE REGULAR ARMY—Continued.

| Name, Rank, and Date of Commission.<br>November 1, 1902. |                           | Corps or Regiment<br>and Corps. | Name, Rank, and Date of Commission.<br>November 1, 1902. |         | Corps or Regiment<br>and Corps. |                |                 |
|----------------------------------------------------------|---------------------------|---------------------------------|----------------------------------------------------------|---------|---------------------------------|----------------|-----------------|
| LIEUT.-COLONELS—Continued.                               |                           |                                 | LIEUT.-COLONELS—Continued.                               |         |                                 |                |                 |
| 19                                                       | Kress, John A.....        | Mar. 5, 1900                    | ord. dept.                                               | 101     | Kerr, James T.....              | Apr. 15, 1902  | a.g. dept.      |
| 20                                                       | Whitney, Henry H.....     | June 6, 1900                    | a.d.c. to lt. gen.                                       | 102     | Pullman, John W.....            | May 5, 1902    | qm. dept.       |
| 21                                                       | Hathaway, F. H.....       | Aug. 12, 1900                   | qm. dept.                                                | 103     | James, Wm. H. W.....            | May 9, 1902    | 23 infantry.    |
| 22                                                       | Jacobs, Joshua W.....     | Nov. 1, 1900                    | qm. dept.                                                | 104     | Hoyt, Ralph W.....              | May 28, 1902   | 10 infantry.    |
| 23                                                       | Alexander, Wm. L.....     | Dec. 13, 1900                   | sub. dept.                                               | 105     | Cornish, George A.....          | May 28, 1902   | 26 infantry.    |
| 24                                                       | Dodge, Francis S.....     | Feb. 2, 1901                    | pay dept.                                                | 106     | Stedman, Clar. A.....           | June 9, 1902   | 4 cavalry.      |
| 25                                                       | Hall, John D.....         | Feb. 2, 1901                    | med. dept.                                               | 107     | Baldwin, John A.....            | June 9, 1902   | 16 infantry.    |
| 26                                                       | Harvey, Philip F.....     | Feb. 2, 1901                    | med. dept.                                               | 108     | Greer, John E.....              | June 14, 1902  | ord. dept.      |
| 27                                                       | Butler, John G.....       | Feb. 2, 1901                    | ord. dept.                                               | 109     | Hubbell, Henry W.....           | June 18, 1902  | artillery corps |
| 28                                                       | Clem, John L.....         | Feb. 2, 1901                    | qm. dept.                                                | 110     | Turrill, Henry S.....           | June 28, 1902  | med. dept.      |
| 29                                                       | Patten, William S.....    | Feb. 2, 1901                    | qm. dept.                                                | 111     | Sprole, Henry W.....            | June 28, 1902  | 1 cavalry.      |
| 30                                                       | Osgood, Henry B.....      | Feb. 2, 1901                    | sub. dept.                                               | 112     | Williams, Chas. A.....          | June 28, 1902  | 23 infantry.    |
| 31                                                       | Dravo, Edward E.....      | Feb. 2, 1901                    | sub. dept.                                               | 113     | Maus, Marion P.....             | June 28, 1902  | 23 infantry.    |
| 32                                                       | Andrews, George.....      | Feb. 2, 1901                    | a.g. dept.                                               | 114     | Taylor, Blair D.....            | June 30, 1902  | med. dept.      |
| 33                                                       | Bowman, A. H.....         | Feb. 2, 1901                    | 5 infantry.                                              | 115     | Pope, James W.....              | July 5, 1902   | qm. dept.       |
| 34                                                       | Swigert, S. M.....        | Feb. 2, 1901                    | 9 cavalry.                                               | 116     | Smith, Fred'k A.....            | July 14, 1902  | ins. gen. dept. |
| 35                                                       | Pratt, Richard H.....     | Feb. 2, 1901                    | 15 cavalry.                                              | 117     | Steever, Edgar Z.....           | July 15, 1902  | 3 cavalry.      |
| 36                                                       | Knox, Thomas T.....       | Feb. 2, 1901                    | ins. gen. dept.                                          | 118     | Stewart, Wm. F.....             | July 22, 1902  | artillery corps |
| 37                                                       | Mills, Stephen C.....     | Feb. 2, 1901                    | ins. gen. dept.                                          | 119     | Woodbury, Thos. C.....          | July 30, 1902  | 17 infantry.    |
| 38                                                       | Byrne, Charles B.....     | Feb. 4, 1901                    | med. dept.                                               | 120     | Vogdes, Anth. W.....            | July 30, 1902  | artillery corps |
| 39                                                       | Cooper, Charles L.....    | Feb. 17, 1901                   | 14 cavalry.                                              | 121     | Comegys, Edwd. T.....           | Sept. 7, 1902  | med. dept.      |
| 40                                                       | Edgerly, W. S.....        | Feb. 19, 1901                   | 7 cavalry.                                               | 122     | Stanton, William.....           | Sept. 13, 1902 | 11 cavalry.     |
| 41                                                       | Johnston, John A.....     | Feb. 21, 1901                   | a.g. dept.                                               | 123     | Thorp, Frank.....               | Sept. 20, 1902 | artillery corps |
| 42                                                       | Dimmick, E. D.....        | Mar. 1, 1901                    | 2 cavalry.                                               | 124     | Miller, Crosby P.....           | Oct. 2, 1902   | qm. dept.       |
| 43                                                       | Chamberlain, J. L.....    | Mar. 1, 1901                    | ins. gen. dept.                                          | 125     | Brown, Geo. L. R.....           | Oct. 3, 1902   | 14 infantry.    |
| 44                                                       | Morton, Charles.....      | Mar. 24, 1901                   | 8 cavalry.                                               | 126     | Pratt, Edward B.....            | Oct. 7, 1902   | 15 infantry.    |
| 45                                                       | Gordon, Wm. B.....        | Mar. 27, 1901                   | prof. m. a.                                              | 127     | Caziarc, Louis V.....           | Oct. 15, 1902  | artillery corps |
| 46                                                       | Smith, Abiel L.....       | Apr. 1, 1901                    | sub. dept.                                               | 128     | Cowles, Calvin D.....           | Oct. 18, 1902  | 4 infantry.     |
| 47                                                       | Adams, Henry H.....       | Apr. 1, 1901                    | 18 infantry.                                             | MAJORS. |                                 |                |                 |
| 48                                                       | Sweet, Owen J.....        | Apr. 13, 1901                   | 21 infantry.                                             | 1       | Tucker, William F.....          | Feb. 21, '82   | pay dept.       |
| 49                                                       | Simpson, Wm. A.....       | Apr. 18, 1901                   | a. g. dept.                                              | 2       | Mahlenberg, John C.....         | Mar. 20, '82   | pay dept.       |
| 50                                                       | Myer, Albert L.....       | Apr. 22, 1901                   | 11 infantry.                                             | 3       | Smith, George R.....            | July 5, '82    | pay dept.       |
| 51                                                       | Hatfield, C. A. P.....    | Apr. 29, 1901                   | 5 cavalry.                                               | 4       | Quinn, James B.....             | July 22, '88   | corps of eng.   |
| 52                                                       | Handbury, T. H.....       | Apr. 30, 1901                   | corps of eng.                                            | 5       | Lockwood, Daniel W.....         | July 23, '88   | corps of eng.   |
| 53                                                       | Adams, Henry M.....       | May 2, 1901                     | corps of eng.                                            | 6       | Ruffner, Ernest H.....          | July 2, '89    | corps of eng.   |
| 54                                                       | Whipple, Chas. H.....     | May 3, 1901                     | pay dept.                                                | 7       | Sears, Clinton B.....           | Sept. 20, '82  | corps of eng.   |
| 55                                                       | Davis, Chas. E. L. B..... | May 3, 1901                     | corps of eng.                                            | 8       | Halford, Elijah W.....          | Jan. 10, '93   | pay dept.       |
| 56                                                       | Wilcox, T. E.....         | May 7, 1901                     | med. dept.                                               | 9       | Kilbourne, Chas. E.....         | Nov. 6, '93    | pay dept.       |
| 57                                                       | Vose, William P.....      | May 8, 1901                     | artillery corps                                          | 10      | Libourne, Henry S.....          | Feb. 22, '94   | med. dept.      |
| 58                                                       | Crowder, Enoch H.....     | May 21, 1901                    | j. a. g. dept.                                           | 11      | Torney, George H.....           | June 6, '94    | med. dept.      |
| 59                                                       | Morrison, Jasper N.....   | May 22, 1901                    | j. a. g. dept.                                           | 12      | Pitman, John.....               | Sept. 2, '94   | ord. dept.      |
| 60                                                       | Dudley, Edgar S.....      | May 24, 1901                    | j. a. g. dept.                                           | 13      | Powell, Charles F.....          | Jan. 26, '95   | corps of eng.   |
| 61                                                       | Kerr, John B.....         | May 31, 1901                    | a.g. dept.                                               | 14      | Knight, John G. D.....          | Feb. 3, '95    | corps of eng.   |
| 62                                                       | Reber, Samuel.....        | June 1, 1901                    | m. s. tolt. gen.                                         | 15      | Hoxie, Richard L.....           | Mar. 31, '96   | corps of eng.   |
| 63                                                       | Dorst, Joseph H.....      | June 26, 1901                   | 12 cavalry.                                              | 16      | Marshall, William L.....        | May 10, '95    | corps of eng.   |
| 64                                                       | McCain, Henry P.....      | June 30, 1901                   | a.g. dept.                                               | 17      | Willard, Joseph H.....          | Aug. 13, '95   | corps of eng.   |
| 65                                                       | Greenough, Geo. G.....    | July 1, 1901                    | artillery corps                                          | 18      | Crampton, Louis W.....          | Sept. 6, '95   | med. dept.      |
| 66                                                       | Maus, Marion P.....       | July 1, 1901                    | a.d.c. to lt. gen.                                       | 19      | Gardner, Edward F.....          | Oct. 1, '95    | med. dept.      |
| 67                                                       | O'Connell, John J.....    | July 5, 1901                    | 3 infantry.                                              | 20      | Bixby, William H.....           | Oct. 2, '95    | corps of eng.   |
| 68                                                       | Whitall, Samuel R.....    | July 11, 1901                   | 27 infantry.                                             | 21      | Corbuser, Wm. H.....            | Oct. 17, '95   | med. dept.      |
| 69                                                       | Regan, James.....         | July 26, 1901                   | 9 infantry.                                              | 22      | Appel, Daniel M.....            | Nov. 15, '95   | med. dept.      |
| 70                                                       | Merrill, Abner H.....     | Aug. 1, 1901                    | artillery corps                                          | 23      | Perley, Harry O.....            | Dec. 7, '95    | med. dept.      |
| 71                                                       | Ennis, William.....       | Aug. 1, 1901                    | a.g. dept.                                               | 24      | Rossell, William T.....         | Jan. 6, '96    | corps of eng.   |
| 72                                                       | Grimes, George S.....     | Aug. 22, 1901                   | artillery corps                                          | 25      | Symons, Thomas W.....           | Mar. 31, '96   | corps of eng.   |
| 73                                                       | Davis, John M. K.....     | Aug. 22, 1901                   | artillery corps                                          | 26      | McNally, Valentine.....         | June 5, '96    | ord. dept.      |
| 74                                                       | Anderson, Geo. S.....     | Sept. 27, 1901                  | 16 cavalry.                                              | 27      | Davis, William B.....           | Aug. 11, '96   | med. dept.      |
| 75                                                       | Rodman, John B.....       | Sept. 27, 1901                  | 30 infantry.                                             | 28      | Gray, William W.....            | Oct. 10, '96   | med. dept.      |
| 76                                                       | Roberts, Benj. K.....     | Sept. 28, 1901                  | artillery corps                                          | 29      | Brechemin, Louis.....           | Nov. 9, '96    | med. dept.      |
| 77                                                       | O'Hara, James.....        | Sept. 28, 1901                  | artillery corps                                          | 30      | La Garde, Louis A.....          | Nov. 13, '96   | med. dept.      |
| 78                                                       | Haskel, Harry L.....      | Sept. 27, 1901                  | 12 infantry.                                             | 31      | Banister, John M.....           | Jan. 26, '97   | med. dept.      |
| 79                                                       | Cornman, Daniel.....      | Oct. 5, 1901                    | 24 infantry.                                             | 32      | Bullis, John L.....             | Jan. 29, '97   | pay dept.       |
| 80                                                       | Varney, Almon L.....      | Oct. 15, 1901                   | ord. dept.                                               | 33      | Leach, Smith S.....             | Feb. 5, '97    | corps of eng.   |
| 81                                                       | Hall, Charles B.....      | Oct. 15, 1901                   | 30 infantry.                                             | 34      | Shaler, Charles.....            | Feb. 22, '97   | ord. dept.      |
| 82                                                       | Duncan, Joseph W.....     | Oct. 15, 1901                   | 13 infantry.                                             | 35      | Appel, Aaron H.....             | May 3, '97     | med. dept.      |
| 83                                                       | Havard, Valery.....       | Oct. 24, 1901                   | med. dept.                                               | 36      | Kingman, Dan. C.....            | July 31, '97   | corps of eng.   |
| 84                                                       | Pond, George E.....       | Oct. 26, 1901                   | qm. dept.                                                | 37      | Powell, Junius L.....           | Oct. 1, '97    | med. dept.      |
| 85                                                       | Wygant, Henry.....        | Nov. 8, 1901                    | 6 infantry.                                              | 38      | Richard, Charles.....           | Nov. 15, '97   | med. dept.      |
| 86                                                       | Mansfield, F. W.....      | Nov. 11, 1901                   | 1 infantry.                                              | 39      | Carter, W. Fitzhugh.....        | Nov. 30, '97   | med. dept.      |
| 87                                                       | Thomas, Earl D.....       | Nov. 16, 1901                   | 13 cavalry.                                              | 40      | Ebert, Rudolph G.....           | Apr. 17, '98   | med. dept.      |
| 88                                                       | Hughes, Martin B.....     | Dec. 6, 1901                    | 10 cavalry.                                              | 41      | Gibson, Robert J.....           | Apr. 23, '98   | med. dept.      |
| 89                                                       | Ray, P. Henry.....        | Dec. 8, 1901                    | 8 infantry.                                              | 42      | Rogers, Harry L.....            | May 2, '98     | pay dept.       |
| 90                                                       | Hoff, John Van R.....     | Jan. 1, 1902                    | med. dept.                                               | 43      | Allison, James N.....           | May 11, '98    | sub. dept.      |
| 91                                                       | Adair, George W.....      | Jan. 1, 1902                    | med. dept.                                               | 44      | Black, William M.....           | May 18, '98    | corps of eng.   |
| 92                                                       | Lockwood, Benj. C.....    | Jan. 31, 1902                   | 29 infantry.                                             | 45      | Watrous, Jerome A.....          | June 15, '98   | pay dept.       |
| 93                                                       | Moseley, Edward B.....    | Feb. 14, 1902                   | med. dept.                                               | 46      | Fisk, Walter L.....             | July 5, '98    | corps of eng.   |
| 94                                                       | Comegys, Wm. H.....       | Feb. 20, 1902                   | pay dept.                                                | 47      | Roessler, Solomon W.....        | July 5, '98    | corps of eng.   |
| 95                                                       | Taylor, Asher C.....      | Feb. 21, 1902                   | artillery corps                                          | 48      | Derby, George McC.....          | July 5, '98    | corps of eng.   |
| 96                                                       | Reade, Philip.....        | Mar. 12, 1902                   | 25 infantry.                                             | 49      | Lusk, James L.....              | July 5, '98    | corps of eng.   |
| 97                                                       | Maus, Louis M.....        | Apr. 7, 1902                    | med. dept.                                               | 50      | Abbot, Frederic V.....          | July 5, '98    | corps of eng.   |
| 98                                                       | Van Orsdale, John T.....  | Apr. 14, 1902                   | 7 infantry.                                              | 51      | Casey, Thomas L.....            | July 5, '98    | corps of eng.   |
| 99                                                       | Buchanan, Jas. A.....     | Apr. 14, 1902                   | 5 infantry.                                              | 52      | Bingham, Theo. A.....           | July 5, '98    | corps of eng.   |
| 100                                                      | Huston, Joseph F.....     | Apr. 15, 1902                   | 19 infantry.                                             | 53      | Gorgas, William C.....          | July 6, '98    | med. dept.      |

## RELATIVE RANK OF THE SUPERIOR OFFICERS OF THE REGULAR ARMY—Continued.

| Name, Rank, and Date of Commission.<br>November 1, 1902. | Corps or Regiment and Corps. | Name, Rank, and Date of Commission.<br>November 1, 1902. | Corps or Regiment and Corps. |
|----------------------------------------------------------|------------------------------|----------------------------------------------------------|------------------------------|
| <b>MAJORS—Continued.</b>                                 |                              | <b>MAJORS—Continued.</b>                                 |                              |
| 54 Smith, Charles S. .... July 7, '98                    | ord. dept.                   | 136 Hein, Otto L. .... Feb. 2, 1901                      | 3 cavalry                    |
| 55 Blunt, Stanhope E. .... July 7, '98                   | ord. dept.                   | 137 Paddock, George H. Feb. 2, 1901                      | 5 cavalry                    |
| 56 Heath, Frank ..... July 7, '98                        | ord. dept.                   | 138 Fountain, S. W. .... Feb. 2, 1901                    | a. g. dept.                  |
| 57 Taylor, Daniel M. .... July 7, '98                    | ord. dept.                   | 139 Pearson, Daniel C. Feb. 2, 1901                      | 2 cavalry                    |
| 58 Arthur, William H. Aug. 23, '98                       | med. dept.                   | 140 Ewing, Charles B. Feb. 2, 1901                       | med. dept.                   |
| 59 Baldwin, William H. Sept. 3, '98                      | sub. dept.                   | 141 McCaw, Walter D. Feb. 2, 1901                        | med. dept.                   |
| 60 Gilbert, William W. Nov. 3, '98                       | pay dept.                    | 142 Dodd, George A. .... Feb. 2, 1901                    | 14 cavalry                   |
| 61 True, Theodore E. .... Nov. 13, '98                   | qm. dept.                    | 143 Kean, Jefferson R. .... Feb. 2, 1901                 | med. dept.                   |
| 62 Bushnell, George E. Dec. 10, '98                      | med. dept.                   | 144 Raymond, Henry I. Feb. 2, 1901                       | med. dept.                   |
| 63 Birmingham, H. P. Dec. 15, '98                        | med. dept.                   | 145 Hickey, James B. .... Feb. 2, 1901                   | 11 cavalry                   |
| 64 Carter, Ed. Champe. Dec. 21, '98                      | med. dept.                   | 146 McClelland, E. J. Feb. 2, 1901                       | a. g. dept.                  |
| 65 Tweedale, John. .... Mar. 2, '99                      | r. and p. office.            | 147 Hunt, Levi P. .... Feb. 2, 1901                      | 13 cavalry                   |
| 66 Reese, Harry L. .... Mar. 3, '99                      | pay dept.                    | 148 Murray, Cunliffe H. Feb. 2, 1901                     | 4 cavalry                    |
| 67 Vinson, Webster ..... Apr. 3, '99                     | pay dept.                    | 149 Varnum, Charles A. Feb. 2, 1901                      | 7 cavalry                    |
| 68 Lyle, David A. .... Apr. 7, '99                       | ord. dept.                   | 150 Ives, Francis J. .... Feb. 2, 1901                   | med. dept.                   |
| 69 Wyeth, Marlboro' C. June 8, '99                       | med. dept.                   | 151 Kendall, Wm. P. .... Feb. 2, 1901                    | med. dept.                   |
| 70 Goodwin, Edward A. July 1, '99                        | 10 cavalry                   | 152 Morris, Edward R. Feb. 2, 1901                       | med. dept.                   |
| 71 Ward, Frederick K. July 11, '99                       | 1 cavalry                    | 153 Thuterly, H. E. .... Feb. 2, 1901                    | ins. gen. dept.              |
| 72 Hyde, John McE. .... July 13, '99                     | qm. dept.                    | 154 Hare, Luther R. .... Feb. 2, 1901                    | 13 cavalry                   |
| 73 Newbold, Charles. .... July 22, '99                   | pay dept.                    | 155 Jones, Thaddeus W. Feb. 2, 1901                      | 13 cavalry                   |
| 74 Borden, George P. .... Sept. 8, '99                   | 5 infantry                   | 156 Hardie, Francis H. Feb. 2, 1901                      | 14 cavalry                   |
| 75 Wheeler, Wm. B. .... Sept. 8, '99                     | 18 infantry                  | 157 Hunter, George K. Feb. 2, 1901                       | 15 cavalry                   |
| 76 Scott, Walter S. .... Sept. 8, '99                    | 27 infantry                  | 158 O'Connor, Chas. M. Feb. 2, 1901                      | 14 cavalry                   |
| 77 Wallace, Hamilton S. Sept. 9, '99                     | pay dept.                    | 159 Howe, Walter. .... Feb. 2, 1901                      | artillery corps              |
| 78 Rodgers, Alexander. Sept. 14, '99                     | 4 cavalry                    | 160 Leary, Peter, Jr. .... Feb. 2, 1901                  | artillery corps              |
| 79 Gardener, Cornelius. Sept. 16, '99                    | 13 infantry                  | 161 Richmond, E. T. C. Feb. 2, 1901                      | artillery corps              |
| 80 Reynolds, Alfred ..... Sept. 20, '99                  | ins. gen. dept.              | 162 Marti, Medad C. .... Feb. 2, 1901                    | qm. dept.                    |
| 81 Allen, Leven C. .... Oct. 10, '99                     | 15 infantry                  | 163 Long, Oscar F. .... Feb. 2, 1901                     | qm. dept.                    |
| 82 Schuyler, Walter S. .... Oct. 18, '99                 | 2 cavalry                    | 164 Scriven, George P. Feb. 2, 1901                      | sig. corps.                  |
| 83 Macklin, James E. .... Oct. 19, '99                   | 11 infantry                  | 165 Crane, Charles J. .... Feb. 2, 1901                  | a. g. dept.                  |
| 84 Pitcher, William L. Oct. 20, '99                      | 8 infantry                   | 166 Bailey, Hobart K. Feb. 2, 1901                       | ins. gen. dept.              |
| 85 Johnston, Richard W. Nov. 6, '99                      | med. dept.                   | 167 Potts, Ramsay D. .... Feb. 2, 1901                   | ins. gen. dept.              |
| 86 Foster, Herbert S. .... Nov. 15, '99                  | 13 infantry                  | 168 Paulding, William. Feb. 2, 1901                      | 3 infantry                   |
| 87 Thompson, R. E. .... Dec. 1, '99                      | sig. corps.                  | 169 Hills, Elbridge R. .... Feb. 2, 1901                 | artillery corps              |
| 88 Dent, John C. .... Dec. 15, '99                       | 24 infantry                  | 170 Cooke, Lorenzo W. Feb. 2, 1901                       | 26 infantry                  |
| 89 McGunagle, Geo. K. Dec. 18, '99                       | 3 infantry                   | 171 Sharpe, Alfred C. .... Feb. 2, 1901                  | a. g. dept.                  |
| 90 Rnhlen, George. .... Jan. 6, 1900                     | qm. dept.                    | 172 Roach, George H. .... Feb. 2, 1901                   | 28 infantry                  |
| 91 Woodward, S. L. .... Jan. 10, 1900                    | 1 cavalry                    | 173 Bowen, Wm. H. C. .... Feb. 2, 1901                   | 5 infantry                   |
| 92 Robertson, Edgar B. Jan. 12, 1900                     | 9 infantry                   | 174 Robinson, Henry E. Feb. 2, 1901                      | 4 infantry                   |
| 93 Booth, Chas. A. .... Jan. 15, 1900                    | 7 infantry                   | 175 Von Schroder, Fred. Feb. 2, 1901                     | qm. dept.                    |
| 94 Kingsbury, H. P. .... Jan. 23, 1900                   | 3 cavalry                    | 176 Witherspoon, W. W. Feb. 2, 1901                      | 6 infantry                   |
| 95 Townsend, C. McD. Jan. 29, 1900                       | corps of eng.                | 177 Mason, Charles W. .... Feb. 2, 1901                  | 4 infantry                   |
| 96 Owen, William O. .... Feb. 1, 1900                    | med. dept.                   | 178 Williams, Arthur. .... Feb. 2, 1901                  | 26 infantry                  |
| 97 Egan, Peter R. .... Feb. 2, 1900                      | med. dept.                   | 179 Irons, James A. .... Feb. 2, 1901                    | ins. gen. dept.              |
| 98 Goethals, Geo. W. .... Feb. 7, 1900                   | corps of eng.                | 180 Carrington, F. DeL. Feb. 2, 1901                     | 1 infantry                   |
| 99 Brainard, Daytt L. Feb. 12, 1900                      | sub. dept.                   | 181 Lovering, L. A. .... Feb. 2, 1901                    | 29 infantry                  |
| 100 Wakeman, Wm. J. Feb. 21, 1900                        | med. dept.                   | 182 Evans, Robert K. .... Feb. 2, 1901                   | a. g. dept.                  |
| 101 Rockwell, Jas. Jr. Mar. 5, 1900                      | ord. dept.                   | 183 Cooke, George F. .... Feb. 2, 1901                   | 26 infantry                  |
| 102 Payson, Francis L. Mar. 5, 1900                      | pay dept.                    | 184 Glassford, Wm. A. .... Feb. 2, 1901                  | sig. corps.                  |
| 103 Mills, John. .... Apr. 2, 1900                       | corps of eng.                | 185 Chubb, Charles St. J. Feb. 2, 1901                   | 17 infantry                  |
| 104 Stephenson, Wm. .... Apr. 28, 1900                   | med. dept.                   | 186 Sawyer, J. Estcourt. Feb. 2, 1901                    | qm. dept.                    |
| 105 Greene, Henry A. .... May 31, 1900                   | a. g. dept.                  | 187 Wood, Palmer G. .... Feb. 2, 1901                    | 12 infantry                  |
| 106 Bolton, Edwin B. .... June 9, 1900                   | 24 infantry                  | 188 Howland, Carver. .... Feb. 2, 1901                   | 29 infantry                  |
| 107 Pettit, James S. .... June 18, 1900                  | ins. gen. dept.              | 189 Stevens, Robert R. Feb. 2, 1901                      | qm. dept.                    |
| 108 Hodges, Charles L. July 13, 1900                     | 23 infantry                  | 190 Hodgson, Fred'k G. Feb. 2, 1901                      | qm. dept.                    |
| 109 Loughbor'gh, R. H. R. Aug. 11, 1900                  | 6 infantry                   | 191 Crittenden, John J. Feb. 2, 1901                     | 22 infantry                  |
| 110 Miller, Wm. H. .... Aug. 12, 1900                    | qm. dept.                    | 192 Wood, William T. .... Feb. 2, 1901                   | 20 infantry                  |
| 111 Ballance, John G. .... Sept. 7, 1900                 | a. g. dept.                  | 193 Evans, William P. .... Feb. 2, 1901                  | 29 infantry                  |
| 112 Phillips, John L. .... Oct. 8, 1900                  | med. dept.                   | 194 Beillinger, John B. .... Feb. 2, 1901                | qm. dept.                    |
| 113 Taylor, Frank ..... Oct. 9, 1900                     | 15 infantry                  | 195 French, John T., Jr. Feb. 2, 1901                    | qm. dept.                    |
| 114 Jones, Samuel R. .... Nov. 1, 1900                   | qm. dept.                    | 196 Aleshire, James B. .... Feb. 2, 1901                 | qm. dept.                    |
| 115 Yeatman, R. T. .... Nov. 13, 1900                    | 22 infantry                  | 197 West, Barrington K. Feb. 2, 1901                     | sub. dept.                   |
| 116 Robinson, W. W. Jr. Nov. 14, 1900                    | qm. dept.                    | 198 Niskern, Albert D. Feb. 2, 1901                      | sub. dept.                   |
| 117 McCaleb, Thos. S. .... Dec. 5, 1900                  | 30 infantry                  | 199 Maxfield, Joseph E. Feb. 2, 1901                     | sig. corps.                  |
| 118 Davis, Thos. F. .... Dec. 7, 1900                    | 15 infantry                  | 200 Carbaugh, H. C. .... Feb. 2, 1901                    | a. g. dept.                  |
| 119 Davis, George B. .... Dec. 13, 1900                  | sub. dept.                   | 201 Downey, George F. .... Feb. 2, 1901                  | pay dept.                    |
| 120 Brush, Daniel H. .... Jan. 17, 1901                  | 25 infantry                  | 202 Hull, John A. .... Feb. 2, 1901                      | a. g. dept.                  |
| 121 Russel, Andrew H. Feb. 2, 1901                       | ord. dept.                   | 203 Dunn, George M. .... Feb. 2, 1901                    | a. g. dept.                  |
| 122 West, Frank ..... Feb. 2, 1901                       | ins. gen. dept.              | 204 Harris, H. S. T. .... Feb. 2, 1901                   | med. dept.                   |
| 123 Chase, George F. .... Feb. 2, 1901                   | 7 cavalry                    | 205 Birnie, Rogers. .... Feb. 7, 1901                    | ord. dept.                   |
| 124 Beck, William H. .... Feb. 2, 1901                   | 6 cavalry                    | 206 Craig, Louis A. .... Feb. 17, 1901                   | 15 cavalry                   |
| 125 Bonus, Peter S. .... Feb. 2, 1901                    | 1 cavalry                    | 207 Wilder, Wilber E. .... Feb. 19, 1901                 | a. g. dept.                  |
| 126 Parker, James. .... Feb. 2, 1901                     | a. g. dept.                  | 208 Guilfoyle, John F. Feb. 28, 1901                     | 12 cavalry                   |
| 127 Polhemus, Adrian S. Feb. 2, 1901                     | med. dept.                   | 209 Watts, Charles H. .... Feb. 28, 1901                 | 5 cavalry                    |
| 128 Borden, William C. Feb. 2, 1901                      | med. dept.                   | 210 Edwards, Frank A. Feb. 28, 1901                      | 4 cavalry                    |
| 129 Mearns, Edgar A. .... Feb. 2, 1901                   | med. dept.                   | 211 Day, Matthias W. .... Feb. 28, 1901                  | 15 cavalry                   |
| 130 Edie, Guy L. .... Feb. 2, 1901                       | med. dept.                   | 212 Finley, Walter L. .... Feb. 28, 1901                 | 11 cavalry                   |
| 131 Crosby, William D. Feb. 2, 1901                      | med. dept.                   | 213 Taylor, Sydney W. .... Feb. 28, 1901                 | a. g. dept.                  |
| 132 Kneedler, Wm. L. .... Feb. 2, 1901                   | med. dept.                   | 214 Humphreys, Chas. .... Feb. 28, 1901                  | artillery corps              |
| 133 Gandy, Charles M. .... Feb. 2, 1901                  | med. dept.                   | 215 Lomia, Luigi. .... Feb. 28, 1901                     | artillery corps              |
| 134 Garrard, Joseph. .... Feb. 2, 1901                   | 9 cavalry                    | 216 Schenck, Alex. D. .... Feb. 28, 1901                 | artillery corps              |
| 135 Robinson, Frank U. Feb. 2, 1901                      | 2 cavalry                    | 217 Irvine, Robert J. C. Feb. 28, 1901                   | 9 infantry                   |

## THE ARMY—Continued.

## RELATIVE RANK OF THE SUPERIOR OFFICERS OF THE REGULAR ARMY—Continued.

| Name, Rank, and Date of Commission.<br>November 1, 1902. |                      | Corps or Regiment and Corps. | Name, Rank, and Date of Commission.<br>November 1, 1902. |     | Corps or Regiment and Corps. |                |                 |
|----------------------------------------------------------|----------------------|------------------------------|----------------------------------------------------------|-----|------------------------------|----------------|-----------------|
| MAJORS—Continued.                                        |                      |                              |                                                          |     |                              |                |                 |
| 218                                                      | Hardin, Edward E.    | Feb. 28, 1901                | 7 infantry.                                              | 288 | Phister, Nat. P.             | Oct. 15, 1901  | 2 infantry.     |
| 219                                                      | Wilson, Richard H.   | Feb. 28, 1901                | 8 infantry.                                              | 289 | Paxton, Alexis R.            | Oct. 16, 1901  | 13 infantry.    |
| 220                                                      | Pratt, Sedgwick      | Feb. 28, 1901                | artillery corps                                          | 290 | Rafferty, Ogden              | Oct. 24, 1901  | med. dept.      |
| 221                                                      | McGee, Lea           | Feb. 28, 1901                | 17 infantry.                                             | 291 | Littell, Isaac W.            | Oct. 26, 1901  | qm. dept.       |
| 222                                                      | Febiger, Lea         | Feb. 28, 1901                | artillery corps                                          | 292 | Bingham, G. S.               | Oct. 26, 1901  | qm. dept.       |
| 223                                                      | McClellan, John A.   | Feb. 28, 1901                | 13 infantry.                                             | 293 | Macomb, M. M.                | Nov. 4, 1901   | artillery corps |
| 224                                                      | Byrne, Bernard A.    | Feb. 28, 1901                | 16 infantry.                                             | 294 | Wisser, John P.              | Nov. 4, 1901   | artillery corps |
| 225                                                      | French, Francis H.   | Feb. 28, 1901                | 20 infantry.                                             | 295 | Torrey, Zerah W.             | Nov. 8, 1901   | 24 infantry.    |
| 226                                                      | Scott, Ammon A.      | Feb. 28, 1901                | 20 infantry.                                             | 296 | Jackson, James B.            | Nov. 11, 1901  | 11 infantry.    |
| 227                                                      | Scott, George L.     | Mar. 1, 1901                 | 10 cavalry.                                              | 297 | Ray, Beecher B.              | Nov. 12, 1901  | pay dept.       |
| 228                                                      | McClure, Charles     | Mar. 1, 1901                 | 14 infantry.                                             | 298 | Gale, George H. G.           | Dec. 6, 1901   | 9 cavalry.      |
| 229                                                      | Wolf, Silas A.       | Mar. 2, 1901                 | 19 infantry.                                             | 299 | Turner, Renben B.            | Dec. 8, 1901   | 8 infantry.     |
| 230                                                      | Starr, Charles G.    | Mar. 4, 1901                 | 25 infantry.                                             | 300 | Pitcher, John                | Dec. 9, 1901   | 6 cavalry.      |
| 231                                                      | Buttler, William C.  | Mar. 5, 1901                 | 25 infantry.                                             | 301 | Mason, Charles F.            | Dec. 9, 1901   | med. dept.      |
| 232                                                      | Kendall, Henry F.    | Mar. 24, 1901                | 12 cavalry.                                              | 302 | Glennan, James D.            | Jan. 1, 1902   | med. dept.      |
| 233                                                      | Rogers, James S.     | Mar. 25, 1901                | 20 infantry.                                             | 303 | Bradley, Alfred E.           | Jan. 1, 1902   | med. dept.      |
| 234                                                      | Young, George S.     | Apr. 1, 1901                 | 18 infantry.                                             | 304 | Frederick, Dan'l A.          | Jan. 31, 1902  | a. g. dept.     |
| 235                                                      | Eastman, Frank F.    | Apr. 1, 1901                 | sub. dept.                                               | 305 | Ten Eyck, Benj. L.           | Feb. 14, 1902  | med. dept.      |
| 236                                                      | Bullard, Robert L.   | Apr. 1, 1901                 | 28 infantry.                                             | 306 | Lord, Herbert M.             | Feb. 20, 1902  | pay dept.       |
| 237                                                      | Ranister, Wm. B.     | Apr. 2, 1901                 | med. dept.                                               | 307 | Harrison, Geo. F. E.         | Feb. 21, 1902  | artillery corps |
| 238                                                      | Krauthoff, Chas. R.  | Apr. 8, 1901                 | sub. dept.                                               | 308 | Taylor, Charles W.           | Feb. 22, 1902  | 13 cavalry.     |
| 239                                                      | Woodruff, Chas. E.   | Apr. 13, 1901                | med. dept.                                               | 309 | Tillson, John C. F.          | Mar. 12, 1902  | 4 infantry.     |
| 240                                                      | Moon, Henry B.       | Apr. 13, 1901                | 10 infantry.                                             | 310 | Browne, Edward H.            | Mar. 28, 1902  | 3 infantry.     |
| 241                                                      | Peshine, John H. H.  | Apr. 16, 1901                | 11 infantry.                                             | 311 | Willcox, Charles             | Apr. 7, 1902   | med. dept.      |
| 242                                                      | Gleinn, Edwin F.     | Apr. 22, 1901                | 5 infantry.                                              | 312 | Ducat, Arthur C.             | Apr. 14, 1902  | 7 infantry.     |
| 243                                                      | Ayers, Charles G.    | Apr. 29, 1901                | 8 cavalry.                                               | 313 | Travis, Pierce M. B.         | Apr. 14, 1902  | 28 infantry.    |
| 244                                                      | Biddle, John         | Apr. 30, 1901                | corps of eng.                                            | 314 | Goe, James B.                | Apr. 15, 1902  | 19 infantry.    |
| 245                                                      | Hodges, Harry F.     | May 2, 1901                  | corps of eng.                                            | 315 | Devot, Carroll A.            | May 5, 1902    | qm. dept.       |
| 246                                                      | Warren, James G.     | May 3, 1901                  | corps of eng.                                            | 316 | Liggett, Hunter              | May 5, 1902    | 21 infantry.    |
| 247                                                      | Goodman, Thos. C.    | May 3, 1901                  | pay dept.                                                | 317 | Kenyon, L. W. V.             | May 28, 1902   | 10 infantry.    |
| 248                                                      | Houston, James B.    | May 3, 1901                  | pay dept.                                                | 318 | Lassiter, William            | May 28, 1902   | 15 infantry.    |
| 249                                                      | Cecil, George R.     | May 4, 1901                  | 3 infantry.                                              | 319 | Morton, Charles G.           | May 28, 1902   | 6 infantry.     |
| 250                                                      | Anderson, Harry R.   | May 8, 1901                  | artillery corps                                          | 320 | Beach, William D.            | June 9, 1902   | 10 cavalry.     |
| 251                                                      | Patterson, Robt. H.  | May 8, 1901                  | artillery corps                                          | 321 | Pickering, Abner             | June 9, 1902   | 22 infantry.    |
| 252                                                      | Wood, Oliver E.      | May 8, 1901                  | artillery corps                                          | 322 | Baker, Frank                 | June 14, 1902  | ord. dept.      |
| 253                                                      | Dodds, Frank L.      | May 22, 1901                 | j. a. g. dept.                                           | 323 | Williams, John R.            | June 18, 1902  | a. g. dept.     |
| 254                                                      | Porter, John B.      | May 27, 1901                 | j. a. g. dept.                                           | 324 | Shunk, William A.            | June 28, 1902  | 8 cavalry.      |
| 255                                                      | Fuller, Ezra B.      | May 31, 1901                 | 7 cavalry.                                               | 325 | Frick, Euclid B.             | June 28, 1902  | med. dept.      |
| 256                                                      | Shillock, Paul       | June 7, 1901                 | med. dept.                                               | 326 | Maney, James A.              | June 28, 1902  | 17 infantry.    |
| 257                                                      | Goodier, Lewis E.    | June 18, 1901                | j. a. g. dept.                                           | 327 | Bailey, Harry L.             | June 28, 1902  | 2 infantry.     |
| 258                                                      | Mann, William A.     | July 1, 1901                 | 14 infantry.                                             | 328 | Keefer, Frank R.             | June 30, 1902  | med. dept.      |
| 259                                                      | Davis, Edward        | July 1, 1901                 | artillery corps                                          | 329 | Cruse, Thomas                | July 5, 1902   | qm. dept.       |
| 260                                                      | Callif, Joseph M.    | July 1, 1901                 | artillery corps                                          | 330 | Bishop, Hoel S.              | July 8, 1902   | 5 cavalry.      |
| 261                                                      | Hobbs, Charles W.    | July 1, 1901                 | artillery corps                                          | 331 | Mallory, John S.             | July 8, 1902   | 1 infantry.     |
| 262                                                      | Best, Clemont L.     | July 1, 1901                 | artillery corps                                          | 332 | Emery, Jonas A.              | July 10, 1902  | 27 infantry.    |
| 263                                                      | Hoskins, John D. C.  | July 1, 1901                 | artillery corps                                          | 333 | Andrus, Edwin P.             | July 15, 1902  | 3 cavalry.      |
| 264                                                      | Waltz, Millard F.    | July 5, 1901                 | a. g. dept.                                              | 334 | Palmer, George               | July 15, 1902  | 21 infantry.    |
| 265                                                      | Ames, Robert F.      | July 11, 1901                | 16 infantry.                                             | 335 | Bean, William H.             | July 21, 1902  | sub. dept.      |
| 266                                                      | Getty, Robert N.     | July 23, 1901                | 11 infantry.                                             | 336 | Homer, William B.            | July 22, 1902  | artillery corps |
| 267                                                      | Jones, Frank B.      | July 26, 1901                | 9 infantry.                                              | 337 | Rochester, W. B.             | July 24, 1902  | pay dept.       |
| 268                                                      | Harris, Henry L.     | Aug. 1, 1901                 | artillery corps                                          | 338 | Sibley, Fred'k W.            | July 30, 1902  | 11 cavalry.     |
| 269                                                      | Murray, Arthur       | Aug. 1, 1901                 | artillery corps                                          | 339 | Miller, Samuel W.            | July 30, 1902  | 19 infantry.    |
| 270                                                      | Birkhimer, W. E.     | Aug. 1, 1901                 | artillery corps                                          | 340 | Anderson, Geo. L.            | July 30, 1902  | artillery corps |
| 271                                                      | Adams, Thomas B.     | Aug. 1, 1901                 | ins. gen. corps                                          | 341 | Raymond, Thos. U.            | Aug. 12, 1902  | med. dept.      |
| 272                                                      | Lundeen, John A.     | Aug. 1, 1901                 | artillery corps                                          | 342 | Snyder, Henry D.             | Sept. 7, 1902  | med. dept.      |
| 273                                                      | Crawford, Medorem    | Aug. 22, 1901                | artillery corps                                          | 343 | Niles, Lotus                 | Sept. 11, 1902 | artillery corps |
| 274                                                      | Whistler, Garland N. | Aug. 22, 1901                | artillery corps                                          | 344 | Cheever, Benj. H.            | Sept. 13, 1902 | 8 cavalry.      |
| 275                                                      | Reed, Henry A.       | Aug. 22, 1901                | artillery corps                                          | 345 | Coffin, William H.           | Sept. 20, 1902 | artillery corps |
| 276                                                      | Commins, Albert S.   | Aug. 22, 1901                | artillery corps                                          | 246 | Benham, Henry H.             | Sept. 24, 1902 | 25 infantry.    |
| 277                                                      | Dyer, Alexander E.   | Aug. 23, 1901                | artillery corps                                          | 247 | McCarthy, Dan'l E.           | Oct. 2, 1902   | qm. dept.       |
| 278                                                      | Gresham, John C.     | Sept. 17, 1901               | 6 cavalry.                                               | 248 | Van Vliet, Rob't C.          | Oct. 3, 1902   | 11 cavalry.     |
| 279                                                      | Byrne, Charles       | Sept. 22, 1901               | 30 infantry.                                             | 249 | Edwards, Eaton A.            | Oct. 7, 1902   | 23 infantry.    |
| 280                                                      | Walker, L. H.        | Sept. 23, 1901               | artillery corps                                          | 350 | Ruck, William L.             | Oct. 11, 1902  | 18 infantry.    |
| 281                                                      | Duvall, William F.   | Sept. 23, 1901               | artillery corps                                          | 351 | Tyler, Chas. R.              | Oct. 18, 1902  | 27 infantry.    |
| 282                                                      | Andrews, Henry M.    | Sept. 23, 1901               | artillery corps                                          | 352 | Eltonhead, F. E.             | Feb. 2, 1901   | 14 infantry.    |
| 283                                                      | Parkhurst, C. D.     | Sept. 23, 1901               | artillery corps                                          | 353 | Wales, Philip G.             | Oct. 27, 1902  | med. dept.      |
| 284                                                      | Randolph, B. H.      | Sept. 23, 1901               | artillery corps                                          | 354 | Wheeler, Homer W.            | Oct. 29, 1902  | 9 cavalry.      |
| 285                                                      | Abercrombie, W. R.   | Sept. 27, 1901               | 30 infantry.                                             | 355 | Todd, Albert                 | Nov. 6, 1902   | artillery corps |
| 286                                                      | Nichols, William A.  | Oct. 5, 1901                 | 21 infantry.                                             | 356 | Smith, Allen N.              | Nov. 23, 1902  | med. dept.      |
| 287                                                      | Terrett, Colville P. | Oct. 7, 1901                 | 12 infantry.                                             |     |                              |                |                 |
| 288                                                      | MacNitt, Ira         | Oct. 15, 1901                | ord. dept.                                               |     |                              |                |                 |

## Relative Rank of Officers

## IN THE UNITED STATES ARMY AND NAVY.

Generals rank with Admirals.  
 Lieutenant-Generals rank with Vice-Admirals.  
 Major-Generals rank with Rear-Admirals.  
 Brigadier-Generals rank with Commodores.  
 Colonels rank with Captains.

Lieutenant-Colonels rank with Commanders.  
 Majors rank with Lieutenant-Commanders.  
 Captains rank with Lieutenants.  
 Lieutenants rank with Ensigns.

## FIELD OFFICERS OF REGIMENTS AND OF THE ARTILLERY CORPS.

- First Cavalry.*  
Col. Almond B. Wells.  
Lt.-Col. H. W. Sprole.  
Maj. Frederick K. Ward.  
Maj. S. L. Woodwart.  
Maj. Peter S. Bomus.
- Second Cavalry.*  
Col. Eli L. Huggins.  
Lt.-Col. E. D. Dimmick.  
Maj. W. S. Schuyler.  
Maj. Frank U. Robinson.  
Maj. Daniel C. Pearson.
- Third Cavalry.*  
Col. Albert E. Woodson.  
Lt.-Col. E. Z. Steever.  
Maj. H. P. Kingsbury.  
Maj. Otto L. Hein.  
Maj. Edwin P. Andrus.
- Fourth Cavalry.*  
Col. Camillo C. Carr.  
Lt.-Col. C. A. Stedman.  
Maj. Alexander Rodgers.  
Maj. Cunliffe H. Murray.  
Maj. Frank A. Edwards.
- Fifth Cavalry.*  
Col. A. G. Hennisee.  
Lt.-Col. C. A. P. Hatfield.  
Maj. George H. Paddock.  
Maj. Charles H. Watts.  
Maj. Hoel S. Bishop.
- Sixth Cavalry.*  
Col. Allen Smith.  
Lt.-Col. G. S. Anderson.  
Maj. Wm. H. Beck.  
Maj. John C. Gresham.  
Maj. John Pitcher.
- Seventh Cavalry.*  
Col. Theo. A. Baldwin.  
Lt.-Col. W. S. Edgerly.  
Maj. George F. Chase.  
Maj. Charles A. Varnum.  
Maj. Ezra B. Fuller.
- Eighth Cavalry.*  
Col. Louis H. Rucker.  
Lt.-Col. Charles Morton.  
Maj. Charles G. Ayres.  
Maj. William A. Shunk.  
Maj. Benj. H. Cheever.
- Ninth Cavalry.*  
Col. Edward S. Godfrey.  
Lt.-Col. S. M. Swigert.  
Maj. Joseph Garrard.  
Maj. George H. G. Gale.  
Maj. H. W. Wheeler.
- Tenth Cavalry.*  
Col. Jacob A. Augur.  
Lt.-Col. M. B. Hughes.  
Maj. Edward A. Godwin.  
Maj. George L. Scott.  
Maj. William D. Beach.
- Eleventh Cavalry.*  
Col. Francis Moore.  
Lt.-Col. Wm. Stanton.  
Maj. James B. Hickey.  
Maj. Walter L. Finley.  
Maj. Fred'k W. Sibley.
- Twelfth Cavalry.*  
Col. William C. Forbush.  
Lt.-Col. Joseph H. Dorst.  
Maj. Luther R. Hare.  
Maj. John F. Guilfoyle.  
Maj. Henry F. Kendall.
- Thirteenth Cavalry.*  
Col. E. M. Hayes.  
Lt.-Col. Earl D. Thomas.  
Maj. Levi P. Hunt.  
Maj. Thaddeus W. Jones.  
Maj. Charles W. Taylor.
- Fourteenth Cavalry.*  
Col. Thomas C. Leho.  
Lt.-Col. Chas. L. Cooper.  
Maj. George A. Hardie.  
Maj. Francis H. Hardie.  
Maj. Chas. M. O'Connor.
- Fifteenth Cavalry.*  
Col. Wm. M. Wallace.  
Lt.-Col. R. H. Pratt.  
Maj. George K. Hunter.  
Maj. Louis A. Craig.  
Maj. Matthias W. Day.
- Artillery Corps.*  
Colonels.  
H. C. Hasbrouck.  
J. B. Rawles.  
W. L. Haskin.  
W. F. Randolph.  
T. McCrea.  
F. G. Smith.  
G. B. Rodney.  
C. A. Woodruff.  
D. H. Kinzie.  
J. R. Myrick.  
J. L. Tiernon.  
C. Morris.  
S. M. Mills.  
J. P. Story.  
Lieutenant-Colonels.  
W. P. Vose.  
G. G. Greenough.  
A. H. Merrill.  
W. Egan.  
G. S. Grimes.  
J. M. K. Davis.  
B. K. Roberts.  
J. O'Hara.  
A. C. Taylor.  
H. W. Hubbell.  
W. F. Stewart.  
A. W. Vogdes.  
Frank Thorp.  
L. V. Caziarc.  
Majors.  
W. Howe.  
P. Leary, Jr.  
E. T. C. Richmond.  
R. D. Potts.  
E. R. Hills.  
S. W. Taylor.  
C. L. Humphreys.  
L. Lomia.  
A. D. Schenck.  
S. Pratt.  
J. McClellan.  
H. R. Anderson.  
R. H. Patterson.  
O. E. Wood.  
E. Davis.  
J. M. Califf.  
C. W. Hobbs.  
C. L. Best.  
J. D. C. Hoskins.  
H. L. Harris.  
A. Murray.  
W. E. Birkhimer.  
T. R. Adams.  
J. A. Lundeen.  
M. Crawford.  
G. N. Whistler.  
H. A. Reed.  
A. S. Cummins.  
B. D. Dyer.  
L. H. Walker.  
W. P. Duvall.  
H. M. Andrews.  
C. D. Parkhurst.  
C. H. Randolph.  
M. M. Macomb.  
J. P. Wesser.  
G. F. E. Harrison.  
J. R. Williams.
- W. B. Homer.  
G. L. Anderson.  
L. Miles.  
W. H. Coffin.
- Fifth Infantry.*  
Col. W. T. Dugan.  
Lt.-Col. F. W. Mansfield.  
Maj. F. de L. Carrington.  
Maj. Robert N. Getty.  
Maj. John S. Mallory.
- Second Infantry.*  
Col. Cyrus S. Roberts.  
Lt.-Col.  
Maj. Nat. P. Phister.  
Maj. Edward H. Browne.  
Maj. Harry L. Bailey.
- Third Infantry.*  
Col. John H. Page.  
Lt.-Col. J. J. O'Connell.  
Maj. G. K. McGunnele.  
Maj. William Paulding.  
Maj. George R. Cecil.
- Fourth Infantry.*  
Col. Jesse Chance.  
Lt.-Col. Calvin D. Cowles.  
Maj. Henry E. Robinson.  
Maj. Charles W. Mason.  
Maj. John C. F. Tillson.
- Fifth Infantry.*  
Col. Charles L. Davis.  
Lt.-Col. J. A. Buchanan.  
Maj. George P. Borden.  
Maj. Wm. H. C. Bowen.  
Maj. Edwin F. Glenn.
- Sixth Infantry.*  
Col. Chas. W. Miner.  
Lt.-Col. Henry Wygant.  
Maj. R. H. R. Loughborough.  
Maj. W. W. Wotherspoon.  
Maj. Charles G. Morton.
- Seventh Infantry.*  
Col. Charles A. Coolidge.  
Lt.-Col. J. T. Van Orsdale.  
Maj. Charles A. Booth.  
Maj. Edward E. Hardin.  
Maj. Arthur C. Ducat.
- Eighth Infantry.*  
Col. Wm. E. Dougherty.  
Lt.-Col. P. Henry Ray.  
Maj. Wm. L. Pitcher.  
Maj. Richard H. Wilson.  
Maj. Reuben B. Turner.
- Ninth Infantry.*  
Col. Charles F. Robe.  
Lt.-Col. James Regan.  
Maj. Edgar B. Robertson.  
Maj. Robert J. C. Irvine.  
Maj. Frank B. Jones.
- Tenth Infantry.*  
Col. Charles H. Noble.  
Lt.-Col. Ralph W. Hoyt.  
Maj. Henry B. Moon.  
Maj. L. W. V. Kennon.  
Maj. Robert C. Van Vliet.
- Eleventh Infantry.*  
Col. David J. Craigie.  
Lt.-Col. Albert L. Myer.  
Maj. James E. Macklin.  
Maj. John H. H. Peshine.  
Maj. James B. Jackson.
- Twelfth Infantry.*  
Col. John W. Bubb.  
Lt.-Col. Harry L. Haskell.  
Maj. Herbert S. Foster.  
Maj. Palmer G. Wood.  
Maj. Colville P. Terrett.
- Thirteenth Infantry.*  
Col. Alfred C. Markley.  
Lt.-Col. Jos. W. Duncan.
- Maj. Cornelius Gardener.  
Maj. Bernard A. Byrne.  
Maj. Alexis R. Paxton.
- Fourteenth Infantry.*  
Col. Stephen P. Jocelyn.  
Lt.-Col. G. Le R. Brown.  
Maj. Charles McClure.  
Maj. William A. Mann.  
Maj. F. E. Eltonhead.
- Fifteenth Infantry.*  
Col. Henry C. Ward.  
Lt.-Col. Edward B. Pratt.  
Maj. Frank Taylor.  
Maj. Thomas F. Davis.  
Maj. William Lassiter.
- Sixteenth Infantry.*  
Col. Butler D. Price.  
Lt.-Col. Jno. A. Baldwin.  
Maj. Leven C. Allen.  
Maj. Francis H. French.  
Maj. Robert F. Ames.
- Seventeenth Infantry.*  
Col. G. A. Goodale.  
Lt.-Col. T. C. Woodbury.  
Maj. Lea Febiger.  
Maj. James A. Maney.  
Maj. Chas. St. J. Chubb.
- Eighteenth Infantry.*  
Col. James M. J. Sanno.  
Lt.-Col. H. H. Adams.  
Maj. Wm. B. Wheeler.  
Maj. George S. Young.  
Maj. William L. Buck.
- Nineteenth Infantry.*  
Col. Edmund Rice.  
Lt.-Col. Jos. F. Huston.  
Maj. Silas A. Wolf.  
Maj. James B. Goe.  
Maj. Samuel W. Miller.
- Twentieth Infantry.*  
Col. W. S. McCaskey.  
Lt.-Col. J. B. Rodman.  
Maj. William T. Wood.  
Maj. Ammon A. Augur.  
Maj. James S. Rogers.
- Twenty-first Infantry.*  
Col. Jacob Kline.  
Lt.-Col. Owen J. Sweet.  
Maj. Wm A. Nichols.  
Maj. Hunter Liggett.  
Maj. George Palmer.
- Twenty-second Infantry.*  
Col. James Miller.  
Lt.-Col. Marion P. Maus.  
Maj. R. T. Yeatman.  
Maj. J. J. Crittenden.  
Maj. Abner Pickering.
- Twenty-third Infantry.*  
Col. J. M. Thompson.  
Lt.-Col. W. H. W. James.  
Maj. Charles L. Hodges.  
Maj. Henry H. Benham.  
Maj. Eaton A. Edwards.
- Twenty-fourth Infantry.*  
Col. Leon A. Matile.  
Lt.-Col. D. Corumman.  
Maj. John C. Dent.  
Maj. Edwin B. Bolton.  
Maj. Zerah W. Torrey.
- Twenty-fifth Infantry.*  
Col. Alpheus H. Bowman.  
Lt.-Col. Phillip Reade.  
Maj. Daniel H. Brush.  
Maj. Chas. G. Starr.  
Maj. Wm. C. Butler.

## THE ARMY—Continued.

## FIELD OFFICERS OF REGIMENTS AND OF THE ARTILLERY CORPS—Continued.

|                                                                                                                                                                   |                                                                                                                                                                      |                                                                                                                                                            |                                                                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| <i>Twenty-sixth Infantry.</i><br>Col. Constant Williams.<br>Lt.-Col. Geo. A. Cornish.<br>Maj. Lorenzo W. Cooke.<br>Maj. Arthur Williams.<br>Maj. George F. Cooke. | Maj. Walter S. Scott.<br>Maj. Jonas A. Emery.<br>Maj. Charles R. Tyler.                                                                                              | <i>Twenty-ninth Infantry.</i><br>Col. Charles G. Penney.<br>Lt.-Col. B. C. Lockwood.<br>Maj. L. A. Lovering.<br>Maj. Carver Howland.<br>Maj. Wm. P. Evans. | Maj. Thomas S. McCaleb.<br>Maj. Chas. Byrne.<br>Maj. W. H. Abercrombie.                                                      |
| <i>Twenty-seventh Infantry.</i><br>Col. Theodore F. Forbes.<br>Lt.-Col. S. R. Whitall.                                                                            | <i>Twenty-eighth Infantry.</i><br>Col. Morris C. Foote.<br>Lt.-Col. C. A. Williams.<br>Maj. George H. Roach.<br>Maj. Robert L. Bullard.<br>Maj. Pierce M. B. Travis. | <i>Thirtieth Infantry.</i><br>Col. Wm. P. Rogers.<br>Lt.-Col. Chas. B. Hall.                                                                               | <i>The Porto Rico Provisional Regiment of Infantry.</i><br>Col. J. A. Buchanan.<br>Maj. Eben Swift.<br>Maj. Robert L. Howze. |

## ARMY PAY TABLE.

| GRADE.                           | PAY OF OFFICERS IN ACTIVE SERVICE. |                         |                          |                          |                          | PAY OF RETIRED OFFICERS. |                         |                          |                          |                          |
|----------------------------------|------------------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|
|                                  | Yearly Pay.                        |                         |                          |                          |                          | Yearly Pay.              |                         |                          |                          |                          |
|                                  | First 5 years' Service.            | After 5 years' Service. | After 10 years' Service. | After 15 years' Service. | After 20 years' Service. | First 5 years' Service.  | After 5 years' Service. | After 10 years' Service. | After 15 years' Service. | After 20 years' Service. |
|                                  |                                    | 10 p. c.                | 20 p. c.                 | 30 p. c.                 | 40 p. c.                 |                          |                         |                          |                          |                          |
| Lieutenant-General.....          | \$11,000                           | .....                   | .....                    | .....                    | .....                    | \$8,250                  | .....                   | .....                    | .....                    | .....                    |
| Major-General.....               | 7,500                              | .....                   | .....                    | .....                    | .....                    | 5,625                    | .....                   | .....                    | .....                    | .....                    |
| Brigadier-General.....           | 5,500                              | .....                   | .....                    | .....                    | .....                    | 4,125                    | .....                   | .....                    | .....                    | .....                    |
| Colonel.....                     | 3,500                              | \$3,850                 | \$4,200                  | \$4,500                  | \$4,500                  | 2,625                    | \$2,887                 | \$3,150                  | \$3,375                  | \$3,375                  |
| Lieutenant-Colonel.....          | 3,000                              | 3,300                   | 3,600                    | 3,900                    | 4,000                    | 2,250                    | 2,475                   | 2,700                    | 2,925                    | 3,000                    |
| Major.....                       | 2,500                              | 2,750                   | 3,000                    | 3,250                    | 3,500                    | 1,875                    | 2,062                   | 2,250                    | 2,437                    | 2,625                    |
| Captain, mounted.....            | 2,000                              | 2,200                   | 2,400                    | 2,600                    | 2,800                    | 1,500                    | 1,650                   | 1,800                    | 1,950                    | 2,100                    |
| Captain, not mounted.....        | 1,800                              | 1,980                   | 2,160                    | 2,340                    | 2,520                    | 1,350                    | 1,485                   | 1,620                    | 1,755                    | 1,890                    |
| 1st Lieutenant, mounted.....     | 1,600                              | 1,760                   | 1,920                    | 2,080                    | 2,240                    | 1,200                    | 1,320                   | 1,440                    | 1,560                    | 1,680                    |
| 1st Lieutenant, not mounted..... | 1,500                              | 1,650                   | 1,800                    | 1,950                    | 2,100                    | 1,125                    | 1,237                   | 1,350                    | 1,462                    | 1,575                    |
| 2d Lieutenant, mounted.....      | 1,500                              | 1,650                   | 1,800                    | 1,950                    | 2,100                    | 1,125                    | 1,237                   | 1,350                    | 1,462                    | 1,575                    |
| 2d Lieutenant, not mounted.....  | 1,400                              | 1,540                   | 1,680                    | 1,820                    | 1,960                    | 1,050                    | 1,115                   | 1,260                    | 1,365                    | 1,470                    |

The pay of non-commissioned officers is from \$18 to \$45 per month, and of privates \$13 per month. Service in Porto Rico, Cuba, Philippines, Hawaii, and Alaska, 10 per cent additional for officers and 20 per cent for enlisted men.

## UNITED STATES ARMY RECRUITING REQUIREMENTS.

Applicants for first enlistment must be between the ages of eighteen and thirty-five years, of good character and temperate habits, able-bodied, free from disease, and must be able to speak, read, and write the English language.

No person under eighteen years of age will be enlisted or re-enlisted, and minors between the ages of eighteen and twenty-one years must not be enlisted without the written consent of father, only surviving parent, or legally appointed guardian.

For infantry and coast artillery the height must be not less than five feet four inches, and weight not less than one hundred and twenty (120) pounds and not more than one hundred and ninety (190) pounds.

For cavalry and field artillery the height must be not less than five feet four inches and not more than five feet ten inches, and weight not to exceed one hundred and sixty-five (165) pounds. No minimum weight is prescribed for these arms, but the chest measures must be satisfactory.

## Generals Who Have Commanded the U. S. Army.

|                    | From | To   |                      | From | To   |                     | From | To   |
|--------------------|------|------|----------------------|------|------|---------------------|------|------|
| George Washington* | 1775 | 1783 | Alexander Hamilton†  | 1799 | 1800 | Henry W. Halleck†   | 1862 | 1864 |
| Henry Knox†        | 1783 | 1784 | James Wilkinson§     | 1800 | 1812 | Ulysses S. Grant¶   | 1864 | 1869 |
| Josiah Harmer      | 1784 | 1791 | Henry Dearborn†      | 1812 | 1815 | William T. Sherman¶ | 1869 | 1883 |
| Arthur St. Clair†  | 1791 | 1792 | Jacob Brown†         | 1815 | 1828 | Philip H. Sheridan¶ | 1883 | 1888 |
| Anthony Wayne†     | 1792 | 1796 | Alexander Macomb†    | 1828 | 1841 | John M. Schofield** | 1888 | 1895 |
| James Wilkinson†   | 1796 | 1798 | Winfield Scott††     | 1841 | 1861 | Nelson A. Miles††   | 1895 | ..   |
| George Washington† | 1798 | 1799 | George B. McClellan† | 1861 | 1862 |                     |      |      |

\* Washington was commissioned by the Continental Congress General and Commander-in-Chief of "the Army of the United Colonies." He resigned December 23, 1783. He was commissioned July 4, 1798, Lieutenant-General. An act of Congress of March 3, 1799, created the office of "General of the Armies of the United States," but the office was never filled. Washington died as Lieutenant-General. The first officer with the rank of General under the present Government of the United States was Grant. † Rank of Major-General. ‡ Lieutenant-General. § Brigadier-General. Josiah Harmer was a Lieutenant-Colonel and Brigadier-General by brevet. ¶ Rank of General. \*\* Created a Lieutenant-General by act of Congress previous to his retirement. †† Major-General, but appointed Lieutenant-General, by brevet, under act of Congress, previous to his retirement.

There were several periods prior to 1821 when no officer was assigned to the command of the Army, which command was exercised by the War Department. The names of the senior officers during those periods are given.



The Navy.

For Organization and Bureau Officers, Navy Department, see page 395.

FLAG OFFICERS.

ADMIRAL.

| Rank.        | Name.             | Duty.                            | Where Stationed.  |
|--------------|-------------------|----------------------------------|-------------------|
| Admiral..... | George Dewey..... | Senior Member General Board..... | Washington, D. C. |

REAR-ADMIRALS.

| Rank.         | Name.                     | Duty.                                    | Where Stationed.    |
|---------------|---------------------------|------------------------------------------|---------------------|
| Rear-Admiral. | George C. Remy.....       | Chairman Light House Board.....          | Washington, D. C.   |
| "             | John C. Watson.....       | Pres. Exam. and Retiring Boards.....     | Washington, D. C.   |
| "             | Silas Casey.....          | Comdr.-in-Chief Pacific Station.....     | Flagship Wisconsin. |
| "             | Francis J. Higginson..... | Comdr.-in-Chief N. Atlantic Station..... | Flagship Kearsarge. |
| "             | Fredrick Rodgers.....     | En-route from Asiatic Station.....       | Flagship New York.  |
| "             | Louis Kempff.....         | Com. Naval Coast Defence, Pac. Dist..... | San Francisco, Cal. |
| "             | George W. Sumner.....     | Comdr.-in-Chief South Atl. Station.....  | Flagship Iowa.      |
| "             | Albert S. Barker.....     | Commandant Navy Yard, New York.....      | Brooklyn, N. Y.     |
| "             | Charles S. Cotton.....    | Commandant Navy Yard, Norfolk.....       | Portsmouth, Va.     |
| "             | Robley D. Evans.....      | Commander-in-Chief Asiatic Station.....  | Flagship Kentucky.  |
| "             | Silas W. Terry.....       | Comdt. Navy Yard, Washington.....        | Washington, D. C.   |
| "             | Merrill Miller.....       | Comdt. Navy Yard, Mare Island.....       | Mare Island, Cal.   |
| "             | John J. Read.....         | Comdt. Navy Yard, Portsmouth.....        | Portsmouth, N. H.   |
| "             | Henry C. Taylor.....      | Chief Bureau of Navigation.....          | Washington, D. C.   |
| "             | Mortimer L. Johnson.....  | Commandant Navy Yard, Boston.....        | Boston, Mass.       |
| "             | Frank Wildes.....         | Sr. Squadron Comdr. Asiatic Station..... | Flagship Rainbow.   |
| "             | Henry Glass.....          | Comdg. Training Sta., San Francisco..... | San Francisco, Cal. |
| "             | Charles E. Clark.....     | Governor Naval Home.....                 | Philadelphia, Pa.   |
| "             | Philip H. Cooper.....     | Com. Naval Coast Defence, 2d. Dist.....  | Newport, R. I.      |
| "             | A. S. Crowninshield.....  | Comdr.-in-Chief European Station.....    | Flagship Illinois.  |
| "             | Joseph B. Coghlan.....    | Second in Com. North Atl. Station.....   | Flagship Olympia.   |
| "             | James H. Sands.....       | Comdt. Navy Yard, League Island.....     | League Island, Pa.  |
| "             | Yates Stirling.....       | Comdt. Navy Yard, Puget Sound.....       | Bremerton, Wash.    |
| "             | William C. Wise.....      | Comdt. Naval Station, Pensacola.....     | Pensacola, Fla.     |

RETIRED LIST.

| Rank.    | Name.                       | Residence.          | Rank.    | Name.                   | Residence.          |
|----------|-----------------------------|---------------------|----------|-------------------------|---------------------|
| Rear-Ad. | George B. Balch.....        | Baltimore, Md.      | Rear-Ad. | Nehemiah M. Dyer.....   | Melrose, Mass.      |
| "        | Aaron K. Hughes.....        | Washington, D. C.   | "        | Joseph Triley.....      | San Francisco, Cal. |
| "        | John H. Upshur.....         | Washington, D. C.   | "        | John Lowe.....          | Washington, D. C.   |
| "        | Samuel R. Franklin.....     | Washington, D. C.   | "        | John Schouler.....      | Annapolis, Md.      |
| "        | Stephen B. Luce.....        | Newport, R. I.      | "        | Cipriano Andrade.....   | Philadelphia, Pa.   |
| "        | Bancroft Gherardi.....      | New York, N. Y.     | "        | Lewis W. Robinson.....  | Philadelphia, Pa.   |
| "        | George E. Belknap.....      | Brookline, Mass.    | "        | Edwin White.....        | Princeton, N. J.    |
| "        | D. B. Harmony.....          | Washington, D. C.   | "        | John McGowan.....       | Washington, D. C.   |
| "        | A. E. K. Benham.....        | Washington, D. C.   | "        | James G. Green.....     | New York, N. Y.     |
| "        | James A. Greer.....         | Washington, D. C.   | "        | James M. Forsyth.....   | Philadelphia, Pa.   |
| "        | Aaron W. Weaver.....        | Washington, D. C.   | "        | George E. Ide.....      | New York, N. Y.     |
| "        | George Brown.....           | Indianapolis, Ind.  | "        | George M. Book.....     | Hot Springs, Ark.   |
| "        | John G. Walker.....         | Washington, D. C.   | "        | Oscar W. Farenholt..... | San Francisco, Cal. |
| "        | Francis M. Ramsay.....      | Washington, D. C.   | "        | William C. Gibson.....  | Brooklyn, N. Y.     |
| "        | Oscar F. Stanton.....       | New London, Ct.     | "        | Edward T. Strong.....   | Albany, N. Y.       |
| "        | Henry Erben.....            | New York, N. Y.     | "        | Frank Courtis.....      | Berkeley, Cal.      |
| "        | L. A. Beardslee.....        | Little Falls, N. Y. | "        | John A. Howell.....     | Warrenton, Va.      |
| "        | Thos. O. Selfridge, Jr..... | Washington, D. C.   | "        | Nor. H. Farquhar.....   | Washington, D. C.   |
| "        | Joseph N. Miller.....       | New York, N. Y.     | "        | B. J. Cromwell.....     | Washington, D. C.   |
| "        | E. O. Matthews.....         | Newport, R. I.      | "        | Edwin M. Shepard.....   | Washington, D. C.   |
| "        | Chas. S. Norton.....        | Brooklyn, N. Y.     | "        | George H. Wadleigh..... | Dover, N. H.        |
| "        | Henry L. Howison.....       | Yonkers, N. Y.      | "        | Louis J. Allen.....     | New York, N. Y.     |
| "        | Albert Kantz.....           | Amherst, Mass.      | "        | Ralph Aston.....        | Brooklyn, N. Y.     |
| "        | Winfield S. Schley.....     | Washington, D. C.   | "        | Chas. H. Rockwell.....  | Chatham, Mass.      |
| "        | William G. Buehler.....     | Philadelphia, Pa.   | "        | Edward S. Houston.....  | Washington, D. C.   |
| "        | Henry B. Robeson.....       | Walpole, N. H.      | "        | Eugene W. Watson.....   | Washington, D. C.   |
| "        | Benjamin F. Day.....        | Glasgow, Va.        | "        | John F. Merry.....      | Somerville, Mass.   |
| "        | Alex. H. McCormick.....     | Annapolis, Md.      | "        | Chapman C. Todd.....    | Abermarle, Va.      |
| "        | Nicoll Ludlow.....          | Washington, D. C.   | "        | John D. Ford.....       | Baltimore, Md.      |
| "        | James Entwistle.....        | Paterson, N. J.     | "        | Clifford H. West.....   | Brooklyn, N. Y.     |

COMMODORES.

RETIRED LIST.\*

| Rank.       | Name.                | Residence.         | Rank.       | Name.                | Residence.        |
|-------------|----------------------|--------------------|-------------|----------------------|-------------------|
| Commodore.. | S. Nicholson.....    | Washington, D. C.  | Commodore.. | R. L. Phythian.....  | Annapolis, Md.    |
| "           | W. P. McCann.....    | N. Rochelle, N. Y. | "           | Rush R. Wallace..... | Washington, D. C. |
| "           | James H. Gillis..... | Alexandria, Va.    |             |                      |                   |

\* The grade of Commodore on the active list has been abolished.

The following are the dates of future retirements of Rear-Admirals now on the active list for age limit, under the law: G. C. Remy, August 10, 1903; Silas Casey, September 11, 1903; Louis Kempff, October 11, 1903; G. W. Sumner, December 31, 1903; M. L. Johnson, June 1, 1904; J. J. Read, June 17, 1904; J. C. Watson, August 24, 1904; M. Miller, September 13, 1904; F. Rodgers, October 3, 1904; William C. Wise, November 8, 1904; S. W. Terry, December 28, 1904; C. S. Cotton, February 15, 1905; Arent S. Crowninshield, March 14, 1905; A. S. Barker, March 31, 1905; Yates Stirling, May 6, 1905; Frank Wildes, June 17, 1905; F. J. Higginson, July 19, 1905; Charles E. Clark, August 10, 1905; Henry Glass, January 7, 1906; Philip H. Cooper, August 5, 1906; Joseph B. Coghlan, December 9, 1906; Henry C. Taylor, March 4, 1907; James Sands, July 12, 1907; Robley D. Evans, August 18, 1908. The retiring age of officers of the Navy is 62 years.

## THE NAVY—Continued.

## THE NAVY.

The active list of the Navy comprises 1,346 commissioned and 461 warrant officers. The enlisted force numbers 25,258 men.

By act of Congress approved March 3, 1899, the officers constituting the engineer corps were transferred to the line of the navy. A system of voluntary retirement was provided for by which a certain number of vacancies in the higher grades are insured each year, thus facilitating promotion. A force of 100 warrant machinists (afterward increased to 150) to perform engineer duty was appropriated for and increases authorized in the medical, pay, and marine corps.

## MARINE CORPS.

The United States Marine Corps consists of a force of 212 officers and 6,000 men. Major-General Charles Heywood is commandant.

## NAVAL EXAMINING AND RETIRING BOARDS.

The Naval Examining Board consists of Rear-Admiral John C. Watson, President; Captains Francis A. Cook and Theodore F. Jewell, and Commander Charles W. Rae, members.

The Naval Retiring Board is composed of Rear-Admiral John C. Watson, President; Captains Francis A. Cook and Theodore F. Jewell, and Medical Directors John C. Wise and Charles U. Gravatt, members.

## NAVAL OBSERVATORY.

Superintendent, Captain Colby M. Chester; Assistants, Lieutenant-Commander E. E. Hayden and Professors A. N. Skinner, W. S. Eichelberger, W. S. Harshman, and Frank B. Littell, members.

## NAUTICAL ALMANAC.

Director—Professor Walter S. Harshman.

## CAPTAINS OF THE NAVY—ACTIVE LIST—NOVEMBER 15, 1902.

| NAME.                   | Present Duty.                 | Commission    | NAME.                   | Present Duty.             | Commission      |
|-------------------------|-------------------------------|---------------|-------------------------|---------------------------|-----------------|
| Francis A. Cook.....    | Mem. Retiring Board....       | Feb. 28, '96  | Franklin Hanford.....   | Waiting orders.....       | Jan. 29, 1901   |
| Purnell F. Harrington.. | Navy Yard, New York....       | Mar. 1, '95   | Robert M. Berry.....    | Navy Yard, Norfolk.....   | Feb. 11, 1901   |
| George W. Melville*.... | Chief Bureau of St. En..      | Mar. 3, '99   | Samuel W. Verry.....    | Navy Yard, Boston.....    | Feb. 19, 1901   |
| Charles D. Sigbee.....  | Chief Intelligence Officer    | Mar. 21, '97  | Henry N. Mauney.....    | Com. Massachusetts.....   | Mar. 3, 1901    |
| Colby M. Chester.....   | Supt. Naval Observatory.      | June 12, '96  | William T. Swinburne..  | Com. Texas.....           | Mar. 3, 1901    |
| Charles J. Barclay..... | Navy Yard, Boston.....        | Oct. 1, '96   | Joseph N. Hemphill....  | Com. Kearsarge.....       | Mar. 3, 1901    |
| Benj. P. Lambertson.... | Mem. L. H. Board.....         | May 11, '98   | Abraham B. H. Lillie... | Waiting orders.....       | Mar. 3, 1901    |
| French E. Chadwick....  | Pres't Naval War College      | Nov. 7, '97   | William H. Emory.....   | Com. Indiana.....         | Apr. 14, 1901   |
| Bowman H. McCalla....   | Pr. Bd. Ins. Mare Isl. Cal.   | Aug. 10, '98  | George A. Bicknell..... | Com. Na. Sta., Key West   | May 12, 1901    |
| William H. Whiting..... | Com. Naval Sta., Hawaii..     | Jan. 19, '97  | Charles T. Hutchins.... | Sec'y L. H. Board.....    | July 2, 1901    |
| Charles O'Neil*.....    | Chief Bureau Ordnance..       | July 21, '97  | Benjamin F. Tilley....  | Navy Yard, Mare Island.   | Sept. 22, 1901  |
| Caspar F. Goodrich....  | Com. Minneapolis.....         | Sept. 16, '97 | Harry Knox.....         | Pacific Na. Defence Dist. | S. pt. 22, 1901 |
| Theodore F. Jewell....  | Mem. Exam. Board.....         | Feb. 1, '98   | John P. Merrell.....    | N. S., New Orleans, La..  | Sept. 28, 1901  |
| William M. Folger.....  | Ins. 3d L. H. District....    | Feb. 6, '98   | Joseph G. Eaton.....    | Waiting orders.....       | Sept. 28, 1901  |
| Francis W. Dickens....  | Com. Independence.....        | July 3, '98   | Eugene H. C. Leutze...  | Com. Maine.....           | Oct. 9, 1901    |
| George F. F. Wilde..... | N. Y., Portsmouth, N.H..      | Aug. 10, '98  | Edwin C. Leutze.....    | Gov. Naval Sta., Samoa.   | Oct. 26, 1901   |
| Charles H. Davis.....   | Com. Alabama.....             | Aug. 10, '98  | Albert R. Couden.....   | Com. Nav. Sta., Cavite..  | Jan. 15, 1902   |
| Charles J. Train.....   | Pres't. Bd. Insp. & Survey    | Nov. 22, '98  | Edwin C. Pendleton....  | Supt. Gun Factory.....    | Jan. 21, 1902   |
| George W. Higman.....   | Com. Wash. C.....             | Mar. 3, '99   | William Swift.....      | Bureau of Navigation...   | Feb. 8, 1902    |
| George A. Converse..... | Com. Illinois.....            | Mar. 3, '99   | Henry B. Hansfield....  | Recruiting duty.....      | Feb. 9, 1902    |
| Royal B. Bradford*....  | Chief Bureau Equipment        | Mar. 3, '99   | Charles R. Roelker....  | Mem. Bd. Insp. & Survey   | Mtr. 5, 1902    |
| Joseph E. Craig.....    | Waiting orders.....           | Mar. 3, '99   | Frederick M. Symonds..  | Naval War College.....    | Mar. 16, 1902   |
| Charles M. Thomas....   | Com. Franklin.....            | Mar. 3, '99   | Albert Ross.....        | Com. Buffalo.....         | Apr. 11, 1902   |
| Albert S. Snow.....     | Com. Columbia.....            | Mar. 3, '99   | Richardson Clover....   | Naval Attache, London..   | Apr. 11, 1902   |
| George C. Reiter.....   | Com. Wisconsin.....           | Mar. 3, '99   | James M. Miller.....    | Navy Yard, New York...    | Apr. 29, 1902   |
| William H. Brownson..   | Supt. Naval Academy..         | Mar. 3, '99   | John V. B. Bleecker.... | Naval War College.....    | June 3, 1902    |
| William W. Mead.....    | Com. Tr. S. B. & Sta., New Pt | Mar. 3, '99   | Andrew Dunlap.....      | Com. Nav. Sta., San Juan  | June 8, 1902    |
| Edwin Longnecker....    | Naval Sta'n, Port Royal..     | Mar. 3, '99   | John A. B. Smith.....   | Navy Yard, New York...    | June 8, 1902    |
| Thomas Perry.....       | Com. Iowa.....                | June 1, '99   | Edward H. Gheen.....    | Recruiting duty.....      | June 14, 1902   |
| Charles H. Stockton...  | Com. Kentucky.....            | July 8, '99   | Wells L. Field.....     | Waiting orders.....       | June 16, 1902   |
| Asa Walker.....         | Com. San Francisco.....       | Sept. 9, '99  | Harrison G. O. Colby..  | Recruiting duty.....      | June 18, 1902   |
| Henry W. Lyon.....      | Com. Olympia.....             | Mar. 27, 1900 | Leavitt C. Logan.....   | Bureau of Equipment...    | July 11, 1902   |
| James H. Dayton.....    | Com. Chicago.....             | Mar. 29, 1900 | Alexander B. Bates....  | Navy Yard, League Island  | Sept. 17, 1902  |
| Morris K. S. Mackenzie. | Com. New York.....            | July 1, 1900  | Conway H. Arnold.....   | Wireless Telegraph Bd..   | Sept. 17, 1902  |
| Charles S. Sperry.....  | Com. New Orleans.....         | July 1, 1900  | William S. Cowles.....  | Asst. to Bureau of Nav..  | Nov. 2, 1902    |
| John J. Hunter.....     | Waiting orders.....           | Dec. 11, 1900 | Robert W. Milligan....  | Navy Yard, Norfolk.....   | Nov. 7, 1902    |
| William T. Burwell....  | Com. Oregon.....              | Nov. 29, 1900 | Edward D. Taussig....   | Navy Yard, Washington..   | Nov. 7, 1902    |

\* Has rank of Rear-Admiral while chief of bureau.

## COMMANDERS OF THE NAVY—ACTIVE LIST—NOVEMBER 15, 1902.

|                          |                           |              |                        |                             |               |
|--------------------------|---------------------------|--------------|------------------------|-----------------------------|---------------|
| Richard Inch.....        | Ins. Mach., New Pt News*  | Mar. 3, '99  | John A. Rodgers.....   | Com. Albany.....            | Mar. 3, '99   |
| John E. Pillsbury.....   | Mem. General Board....    | Aug. 10, '98 | Albion V. Wadhams....  | Com. St. Mary's.....        | Mar. 3, '99   |
| William H. Heeder.....   | Com. Hartford.....        | Aug. 10, '98 | James D. Adams.....    | Waiting orders.....         | Mar. 3, '99   |
| George W. Baird.....     | Supt. Sta., W. & N. B'dg  | Mar. 3, '99  | James K. Cogswell....  | Navy Yard, Portsmouth..     | Mar. 3, '99   |
| Charles W. Rae.....      | Mem. Exam. Board.....     | Mar. 3, '99  | Frederic Singer.....   | Com. Solace.....            | Mar. 3, '99   |
| Hattie Webster.....      | Inspection duty.....      | Mar. 3, '99  | James R. Selfridge.... | Com. Princeton.....         | Mar. 3, '99   |
| Charles C. Cornwall..... | Naval Home.....           | Dec. 25, '98 | William H. Everett.... | Navy Yard, Norfolk.....     | Mar. 3, '99   |
| Holland N. Stevenson..   | Insp. duty, San Fran....  | Mar. 3, '99  | John M. Hawley.....    | Ins. 5th L. H. District..   | Mar. 3, '99   |
| George H. Kearny.....    | Navy Yard, Boston.....    | Mar. 3, '99  | Gottfried Blockinger.. | Asiatic Station.....        | Mar. 3, '99   |
| Adolph Marx.....         | Capt. of Port, Manila.... | Mar. 3, '99  | Perry Garst.....       | Asst. Ins. 10th L. H. Dist. | Mar. 3, '99   |
| Ramond P. Rodgers....    | Navy Yard, New York....   | Mar. 3, '99  | Arthur B. Speyers....  | Com. Glacier.....           | Mar. 3, '99   |
| William S. Moore.....    | Inactivation duty.....    | Mar. 3, '99  | Ebenezer S. Prime..... | Com. Wilmington.....        | Mar. 3, '99   |
| Royal R. Ingersoll....   | Com. Helena.....          | Mar. 3, '99  | William P. Potter..... | Com. Ranger.....            | Sept. 9, '99  |
| Seaton Schroeder.....    | Waiting orders.....       | Mar. 3, '99  | Guthrie E. Niles.....  | Com. Nashville.....         | Sept. 25, '99 |
| Duncan Kennedy.....      | Com. Prairie.....         | Mar. 3, '99  | Nathan B. Harber.....  | Naval Attache Paris & St.   | Sept. 25, '99 |
| Richard Wainwright....   | Com. Newark.....          | Mar. 3, '99  | John B. Briggs.....    | Petersburg.....             | Oct. 10, '99  |
| Jefferson F. Moser....   | Com. Penacola.....        | Mar. 3, '99  | Newton E. Mason.....   | Navy Yard, New York...      | Nov. 2, '99   |
| Franklin J. Drake.....   | Com. Monterey.....        | Mar. 3, '99  | Thomas H. Stevens....  | Com. Cincinnati.....        | Nov. 2, '99   |
| Thomas C. McLean....     | Recruiting duty.....      | Mar. 3, '99  | Julien S. Ogden.....   | Navy Yard, Puget Sound      | Mar. 29, '99  |
| William J. Barnett....   | Mem. General Board....    | Mar. 3, '99  | Charles P. Perkins.... | Inspection duty.....        | June 11, '99  |
| Francis H. Delano....    | Navy Yard, League Island  | Mar. 3, '99  | Charles G. Bowman....  | Com. Boston.....            | July 8, '99   |
| Charles T. Forse.....    | Ret. fr'm Asiatic Station | Mar. 3, '99  | William H. Beehler.... | Asst. Ins. 6th L. H. Dist.  | July 8, '99   |
| Edwin K. Moore.....      | Navy Yard, Boston.....    | Mar. 3, '99  |                        | Office Naval Intelligence.  | Sept. 22, '99 |

THE NAVY—Continued.

COMMANDERS OF THE NAVY—ACTIVE LIST—NOVEMBER 15, 1902.—Continued.

| NAME.                        | Present Duty.                   | Commission    | NAME.                      | Present Duty.                    | Commission     |
|------------------------------|---------------------------------|---------------|----------------------------|----------------------------------|----------------|
| Arthur P. Nazzo.....         | Com. Raleigh.....               | Nov. 29,'99   | Charles E. Vreeland.....   | Com. Arkansas.....               | Aug. 15, 1901  |
| William W. Kimball.....      | Com. Alet.....                  | Dec. 8,'99    | Nathau Sargent.....        | Aide to the Admiral.....         | Sept. 2, 1901  |
| William P. Day.....          | Com. Mohican.....               | Dec. 12,'99   | James H. Bull.....         | Ins. 7th L. H. District.....     | Sept. 22, 1901 |
| John C. Wilson.....          | Com. Panther.....               | Dec. 29,'99   | Greenleaf A. Merriam.....  | Ins. 1st L. H. District.....     | Sept. 22, 1901 |
| George P. Colvocoresses..... | Com. Lancaster.....             | June 30, 1900 | John B. Milton.....        | Ins. 12th L. H. District.....    | Sept. 26, 1901 |
| Erliah R. Harris.....        | Naval Gov. (Olongapo).....      | Dec. 31,'99   | William H. Nauman.....     | Ins. Machin., Bath, Me.....      | Sept. 28, 1901 |
| Richard G. Dawson.....       | Navy Yard, Washington.....      | Feb. 18, 1900 | Aaron Warl.....            | Com. Yorktown.....               | Sept. 28, 1901 |
| John A. Norris.....          | Longitude expedition.....       | July 1, 1900  | George W. Mientz.....      | Chg. L. H. Est., Porto Rico..... | Sept. 28, 1901 |
| Edward B. Barry.....         | Com. Vicksburg.....             | Mar. 9, 1900  | Sidney A. Staunton.....    | Com. Rainbow.....                | Oct. 9, 1901   |
| Herbert Winslow.....         | Asst. Ins. 11th L. H. Dist..... | Mar. 27, 1900 | Charles W. Bartlett.....   | Waiting orders.....              | Oct. 9, 1901   |
| William H. Turner.....       | Com. Atlanta.....               | Mar. 29, 1900 | Chauncey Thomas.....       | Com. Albatross.....              | Oct. 26, 1901  |
| Charles E. Colahan.....      | Naval Academy.....              | July 1, 1900  | William A. Marshall.....   | Ins. 15th L. H. District.....    | Dec. 27, 1901  |
| Albert G. Berry.....         | Com. Puritan.....               | July 1, 1900  | John E. Roller.....        | Waiting orders.....              | Dec. 28, 1901  |
| Nathaniel J. K. Patch.....   | Com. Montgomery.....            | July 23, 1900 | Carlos G. Calkins.....     | Ins. 13th L. H. District.....    | Jan. 15, 1902  |
| Thomas S. Phelps, Jr.....    | Com. Marlb-head.....            | Aug. 19, 1900 | William E. Sewell.....     | Naval Gov. Guam.....             | Jan. 21, 1902  |
| Karl Rehner.....             | Com. Annapolis.....             | Nov. 22, 1900 | Henry McCrea.....          | Com. Machias.....                | Feb. 9, 1902   |
| John A. H. Nickels.....      | Com. Topeka.....                | Nov. 29, 1900 | Edward S. Qualtrough.....  | Supervisor Harbor, N. Y.....     | Feb. 9, 1902   |
| Clinton K. Curtis.....       | Navy Yard, Norfolk.....         | Dec. 11, 1901 | Lucien Young.....          | Ins. 9th L. H. District.....     | Mar. 5, 1902   |
| Theodor P. Venter.....       | Naval Station, Cavite.....      | Jan. 29, 1900 | Asher C. Baker.....        | St. Louis Exposition.....        | Mar. 5, 1902   |
| Daniel D. S. Stuart.....     | Com. Don Juan de Austria.....   | Feb. 11, 1901 | Wm. H. H. Southerland..... | Hydrographer.....                | Mar. 5, 1902   |
| Charles A. Adams.....        | Navy Yard, New York.....        | Feb. 11, 1901 | Charles E. Fox.....        | Com. Adams.....                  | Mar. 16, 1902  |
| Kossuth Niles.....           | Ins. 3th L. H. District.....    | Feb. 19, 1901 | John C. Fremont.....       | Special duty, War Dept.....      | Apr. 11, 1902  |
| Warner B. Bayley.....        | Inspection duty.....            | Mar. 3, 1901  | Albert Mertz.....          | Navy Yard, Boston.....           | Apr. 11, 1902  |
| Denzil H. Mahan.....         | Com. Monadnock.....             | Mar. 3, 1901  | Rogers H. Gall.....        | Sick leave.....                  | Apr. 23, 1902  |
| James H. Perry.....          | Bureau Steam Engineering.....   | Mar. 3, 1901  | Vincenton L. Cottman.....  | Ord. to Com. Wyoming.....        | June 3, 1902   |
| Albert F. Dixon.....         | Navy Yard, Mare Island.....     | Mar. 3, 1901  | Frank E. Sawyer.....       | Receiv'g Ship Richmond.....      | June 8, 1902   |
| Edward M. Hughes.....        | As-tic Station.....             | Mar. 3, 1901  | Thomas B. Howard.....      | Naval Academy.....               | June 8, 1902   |
| Samuel P. Comly.....         | Com. Alliance.....              | Mar. 3, 1901  | Walter C. Cowles.....      | Mem. Bd. Insp. & Survey.....     | June 4, 1902   |
| John Hubbard.....            | Ins. 4th L. H. District.....    | Apr. 2, 1901  | Austin M. Knight.....      | Com. Yankton.....                | June 6, 1902   |
| Alexander McCrackin.....     | Navy Yard, Mare Island.....     | Apr. 14, 1901 | Charles J. Badger.....     | Bureau of Equipment.....         | June 8, 1902   |
| George L. Dyer.....          | Naval Academy.....              | Apr. 19, 1901 | Samuel W. Black Diehl..... | Com. Marietta.....               | July 11, 1902  |
| Corwin P. Rees.....          | Com. Monongahela.....           | May 12, 1901  | Reginald F. Nicholson..... | Bureau of Navigation.....        | Sept. 17, 1902 |
| Lewis C. Helmer.....         | Com. Essex.....                 | May 12, 1901  | Edmund B. Underwood.....   | Secretary General Board.....     | Sept. 17, 1902 |
| Joseph B. Burdlock.....      | Naval War College.....          | June 12, 1901 | William F. Halsey.....     | Naval Academy.....               | Nov. 2, 1902   |
| Huce Osterhaus.....          | Naval Academy.....              | July 7, 1901  | Frank A. Wilner.....       | Special duty.....                | Nov. 7, 1902   |
| Albert C. Dillingham.....    | Com. Detroit.....               | July 12, 1901 | Henry Morrell.....         | Navy Yard, New York.....         | Nov. 7, 1902   |
| John B. Collins.....         | Navy Yard, Pensacola.....       | July 12, 1901 |                            |                                  |                |

UNITED STATES NAVY PAY TABLE.

| RANK.                                                                     | At Sea.* | On Shore Duty. | On Leave or Waiting Orders. | RANK.                                    | At Sea.* | On Leave or Waiting Orders. | On Shore Duty. |
|---------------------------------------------------------------------------|----------|----------------|-----------------------------|------------------------------------------|----------|-----------------------------|----------------|
| Admiral.....                                                              | \$13,500 | \$13,500       | ....                        | Fleet-Surgeons and Fleet-Paymasters..... | \$4,400  | ....                        | ....           |
| Rear-Admirals, first nine.....                                            | 7,500    | 6,375          | ....                        | Surgeons and Paymasters.....             | 2,800    | \$2,400                     | \$2,000        |
| Rear-Admirals, second nine.....                                           | 5,500    | 4,675          | ....                        | Chaplains.....                           | 2,500    | 4,000                       | 3,600          |
| Captains.....                                                             | 3,500    | 2,975          | ....                        | Professors and Civil Engineers.....      | 2,800    | 2,300                       | 1,900          |
| Commanders.....                                                           | 3,000    | 2,550          | ....                        | Naval Constructors.....                  | 2,400    | 2,400                       | 1,500          |
| Lieutenant-Commanders.....                                                | 2,500    | 2,125          | ....                        |                                          | 3,500    | 3,500                       | 2,600          |
| Lieutenants (Junior Grade).....                                           | 1,800    | 1,550          | ....                        |                                          |          | 3,200                       | 2,200          |
| Lieutenants (Senior Grade).....                                           | 1,500    | 1,275          | ....                        |                                          |          | 4,200                       | 3,200          |
| Ensigns.....                                                              | 1,400    | 1,190          | ....                        |                                          |          |                             |                |
| Chief Boatswain, Chief Gunners, Chief Carpenters, Chief Sailmakers.....   | 1,400    | 1,400          | ....                        |                                          |          |                             |                |
| Naval Cadets.....                                                         | 500      | 500            | \$500                       |                                          |          |                             |                |
| Mates.....                                                                | 900      | 700            | 500                         |                                          |          |                             |                |
| Medical and Pay Directors and Inspectors having the same rank at sea..... | 4,400    |                |                             |                                          |          |                             |                |

\* Or shore duty beyond sea.

Warrant officers (boatswains, gunners, carpenters, sailmakers, pharmacists, and warrant machinists) are paid from \$1,200 to \$1,800 a year.

Commandants' clerks and paymasters' clerks receive from \$1,000 to \$1,800 a year.

Petty officers (masters-at-arms, boatswains' mates, gunners' mates, gun captains, quartermasters, machinists, hospital stewards, yeomen, bandmasters, first musicians, coxswains, electricians, boiler-makers, copper-smiths, blacksmiths, plumbers and fitters, sailmakers' mates, carpenters' mates, oilers, printers, painters, water tenders, and hospital apprentices, first class) receive from \$360 to \$840 a year.

The pay of first-class seamen per month is \$24; seamen gunners, \$26; firemen, first class, \$35; musicians, first class, \$32; apprentices, first class, \$21.

The pay of second-class seamen per month is: Ordinary seamen, \$19; firemen, second class, \$30; shipwrights, \$25; musicians, second class, \$30; apprentices, second class, \$15.

The pay of third-class seamen per month is: Landsmen, \$16; coal passers, \$22; apprentices, third class, \$9.

UNITED STATES NAVAL ENLISTMENT.

The term of enlistment of all enlisted men of the navy is four years. Minors over the age of eighteen may be enlisted without consent of parents or guardians, but minors under, but claiming to be over eighteen years of age, are liable, if enlisted, to punishment for fraudulent enlistment. Only such persons shall be enlisted as can reasonably be expected to remain in the service. Every person, before being enlisted, must pass the physical examination prescribed in the medical instructions. Applicants for enlistment must be American citizens, able to read and write English, and when enlisted must take the oath of allegiance.

THE NAVY—Continued.

## VESSELS OF THE UNITED STATES NAVY.

| NAME.                  | Class. | Keel Laid. | Dis-<br>place-<br>ment,<br>Tons. | Speed,<br>Knots. | Horse-<br>Power. | Cost.       | BATTERIES.                                        |                                                                                       |
|------------------------|--------|------------|----------------------------------|------------------|------------------|-------------|---------------------------------------------------|---------------------------------------------------------------------------------------|
|                        |        |            |                                  |                  |                  |             | Main.                                             | Secondary.                                                                            |
| ARMORED VESSELS.       |        |            |                                  |                  |                  |             |                                                   |                                                                                       |
| SEAGOING BATTLE-SHIPS. |        |            |                                  |                  |                  |             |                                                   |                                                                                       |
| Alabama.....           | B S    | 1896       | 11,525                           | 17               | 11,366           | \$2,650,000 | 4 13-in. B L R, 14 6-in. R F guns.                | 16 6-pdr. R F, 6 1-pdr. R F, 4 Colts, 2 3-in. R F field.                              |
| Connecticut.....       | B S    | .....      | 16,000                           | 18               | 16,500           | .....       | 4 12-in. B L R, 8 8-in. B L R, 12 7-in. B L R     | 20 3-in. R F, 12 3-pdr. semi-automatic, 8 1-pdr. automatic, 2 3-in. field, 3 machine. |
| Georgia*.....          | B S    | 1901       | 15,000                           | 19               | 19,000           | 3,590,000   | 4 12-in. B L R, 8 8-in. B L R, 12 6-in. R F guns. | 12 3-in. R F, 12 3-pdr. R F, 8 1-pdr. R F, 2 3-in. field, 2 machine, 6 automatic.     |
| Illinois.....          | B S    | 1897       | 11,525                           | 17               | 10,000           | 2,595,000   | 4 13-in. B L R, 14 6-in. R F guns.                | 16 6-pdr. R F, 6 1-pdr. R F, 4 Colts, 2 3-in. R F field.                              |
| Indiana.....           | B S    | 1891       | 10,285                           | 16               | 9,738            | 3,063,000   | 4 13-in. B L R, 8 8-in. B L R, 4 6-in. R F guns.  | 20 6-pdr. R F, 7 1-pdr. R F, 2 3-in. R F field.                                       |
| Iowa.....              | B S    | 1893       | 11,340                           | 17               | 12,105           | 3,010,000   | 4 12-in. B L R, 8 8-in. B L R, 6 4-in. R F guns.  | 20 6-pdr. R F, 4 1-pdr. R F, 4 Colts, 2 3-in. R F field.                              |
| Kearsarge.....         | B S    | 1896       | 11,525                           | 17               | 11,954           | 2,950,000   | 4 13-in. B L R, 4 8-in. B L R, 14 6-in. R F guns. | 20 6-pdr. R F, 6 1-pdr. R F, 4 Colts, 2 3-in. R F field.                              |
| Kentucky.....          | B S    | 1896       | 11,525                           | 17               | 12,318           | 2,950,000   | 4 13-in. B L R, 4 8-in. B L R, 14 5-in. R F guns. | 20 6-pdr. R F, 8 1-pdr. R F, 4 Colts, 2 3-in. R F field.                              |
| Louisiana.....         | B S    | .....      | 16,500                           | 18               | 16,500           | .....       | 4 12-in. B L R, 8 8-in. B L R, 12 7-in. B L R     | 20 3-in. R F, 12 3-pdr. semi-automatic, 8 1-pdr. automatic, 2 3-in. field, 3 machine. |
| Maine*.....            | B S    | 1899       | 12,500                           | 18               | 16,000           | 2,885,000   | 4 12-in. B L R, 16 6-in. R F guns.                | 6 3-in. R F, 8 6-pdr. R F, 6 1-pdr. R F, 2 Colts, 2 3-in. R F field.                  |
| Massachusetts.....     | B S    | 1891       | 10,288                           | 16               | 10,403           | 3,063,000   | 4 13-in. B L R, 8 8-in. B L R, 4 6-in. R F guns.  | 20 6-pdr. R F, 8 1-pdr. R F, 2 Colts.                                                 |
| Missouri*.....         | B S    | 1900       | 12,500                           | 18               | 16,000           | 2,885,000   | 4 12-in. B L R, 16 6-in. R F guns.                | 6 3-in. R F, 8 6-pdr. R F, 6 1-pdr. R F, 2 Colts, 2 3-in. R F field.                  |
| Nebraska*.....         | B S    | .....      | 15,000                           | 19               | 18,000           | 3,737,600   | 4 12-in. B L R, 8 8-in. B L R, 12 6-in. R F guns. | 12 3-in. R F, 12 3-pdr. R F, 8 1-pdr. R F, 2 3-in. R F field, 2 machine, 6 automatic. |
| New Jersey*.....       | B S    | 1902       | 15,000                           | 19               | 18,000           | 3,405,000   | 4 12-in. B L R, 8 8-in. B L R, 12 6-in. R F guns. | 12 3-in. R F, 12 3-pdr. R F, 8 1-pdr. R F, 2 3-in. field, 2 machine, 6 automatic.     |
| Ohio*.....             | B S    | 1899       | 12,500                           | 18               | 16,000           | 2,899,000   | 4 12-in. B L R, 16 6-in. R F guns.                | 6 3-in. R F, 8 6-pdr. R F, 6 1-pdr. R F, 2 Colts, 2 3-in. R F field.                  |
| Oregon.....            | B S    | 1891       | 10,288                           | 17               | 11,111           | 3,222,810   | 4 13-in. B L R, 8 8-in. B L R, 4 6-in. R F guns.  | 16 6-pdr. R F, 6 1-pdr. R F, 2 Colts, 2 3-in. R F field.                              |
| Rhode Island*.....     | B S    | .....      | 14,600                           | 19               | 18,000           | 3,405,000   | 4 12-in. B L R, 8 8-in. B L R, 12 6-in. R F guns. | 12 3-in. R F, 12 3-pdr. R F, 8 1-pdr. R F, 2 3-in. R F field, 2 machine, 6 automatic. |
| Texas.....             | B S    | 1889       | 6,515                            | 18               | 8,610            | 2,500,000   | 2 12-in. B L R, 6 6-in. B L R.                    | 12 6-pdr. R F, 6 1-pdr. R F, 4 37-mm. H R C, 2 Colts, 1 field.                        |
| Virginia*.....         | B S    | .....      | 14,600                           | 19               | 18,000           | 3,550,000   | 4 12-in. B L R, 8 8-in. B L R, 12 6-in. R F guns. | 12 3-in. R F, 12 3-pdr. R F, 8 1-pdr. R F, 2 3-in. R F field, 2 machine, 6 automatic. |
| Wisconsin.....         | B S    | 1897       | 11,525                           | 17               | 10,000           | 2,674,950   | 4 13-in. B L R, 14 6-in. R F guns.                | 16 6-pdr. R F, 6 1-pdr. R F, 4 Colts, 2 3-in. R F field.                              |
| ARMORED CRUISERS.      |        |            |                                  |                  |                  |             |                                                   |                                                                                       |
| Brooklyn.....          | A C    | 1893       | 9,215                            | 92               | 18,769           | 2,986,000   | 8 8-in. B L R, 12 5-in. R F guns.                 | 12 6-pdr. R F, 4 1-pdr. R F, 4 Colts, 2 3-in. R F field.                              |
| California*.....       | A C    | .....      | 14,000                           | 22               | 23,000           | 3,800,000   | 4 8-in. B L R, 14 6-in. R F guns.                 | 18 3-in. R F, 12 3-pdr. R F, 8 1-pdr. R F, 2 3-in. R F field, 2 machine, 6 automatic. |
| Colorado*.....         | A C    | 1901       | 13,600                           | 22               | 23,000           | 3,780,000   | 4 8-in. B L R, 14 6-in. R F guns.                 | 18 3-in. R F, 12 3-pdr. R F, 8 1-pdr. R F, 2 3-in. R F field, 2 machine, 6 automatic. |
| Maryland*.....         | A C    | .....      | 13,600                           | 22               | 23,000           | 3,775,000   | 4 8-in. B L R, 14 6-in. R F guns.                 | 18 3-in. R F, 12 3-pdr. R F, 8 1-pdr. R F, 2 3-in. R F field, 2 machine, 6 automatic. |
| New York.....          | A C    | 1890       | 8,900                            | 21               | 17,401           | 2,985,000   | 6 8-in. B L R, 12 4-in. R F guns.                 | 8 6-pdr. R F, 2 1-pdr. R F, 2 Colts.                                                  |
| Pennsylvania*.....     | A C    | 1901       | 14,000                           | 22               | 23,000           | 3,850,000   | 4 12-in. B L R, 8 8-in. B L R, 12 6-in. R F guns. | 12 3-in. R F, 12 3-pdr. R F, 8 1-pdr. R F, 2 3-in. field, 2 machine, 6 automatic.     |
| South Dakota*.....     | A C    | .....      | 13,600                           | 22               | 23,000           | 3,750,000   | 4 8-in. B L R, 14 6-in. R F guns.                 | 18 3-in. R F, 12 3-pdr. R F, 8 1-pdr. R F, 2 3-in. R F field, 2 machine, 6 automatic. |
| Tennessee*.....        | A C    | .....      | 14,500                           | 22               | 2,500            | .....       | 4 10-in. B L R, 16 6-in. R F guns.                | 22 3-in. R F, 12 3-pdr. R F, 4 1-pdr. R F, 12 3-in. R F, 2 machine, 6 automatic.      |
| Washington*.....       | A C    | .....      | 14,500                           | 22               | 2,500            | .....       | 4 10-in. B L R, 16 6-in. R F guns.                | 22 3-in. R F, 12 3-pdr. R F, 4 1-pdr. R F, 12 3-in. R F, 2 machine, 6 automatic.      |
| West Virginia*.....    | A C    | 1901       | 14,000                           | 22               | 23,000           | 3,885,000   | 4 8-in. B L R, 14 6-in. R F guns.                 | 18 3-in. R F, 12 3-pdr. R F, 8 1-pdr. R F, 2 3-in. R F field, 2 machine, 6 automatic. |

THE NAVY—Continued.

VESSELS OF THE UNITED STATES NAVY.—Continued.

| NAME.                                    | Class. | Keel laid. | Displacement, Tons. | Speed, Knots. | Horse-Power. | Cost.     | BATTERIES.                                                                         |                                                                                                                           |
|------------------------------------------|--------|------------|---------------------|---------------|--------------|-----------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
|                                          |        |            |                     |               |              |           | Main.                                                                              | Secondary.                                                                                                                |
| <b>RAM.</b>                              |        |            |                     |               |              |           |                                                                                    |                                                                                                                           |
| Katahdin.....                            | R      | 1891       | 2,155               | 17            | 5,068        | \$950,000 | 4 6-pdr. R F guns.                                                                 | .....                                                                                                                     |
| DBL. TURRET MONITORS.<br>Amphitrite..... | CD     | 1874       | 3,990               | 10.5          | 1,600        | †         | 4 10-in. B L R, 2 4-in. R F guns.                                                  | 2 6-pdr. R F, 2 3-pdr. R F, 2 37-mm. H R C, 1 1-pdr. R F, 1 Colt.                                                         |
| Miantonomoh.....                         | CD     | 1874       | 3,990               | 10.5          | 1,426        | †         | 4 10-in. B L R.                                                                    | 2 6-pdr. R F, 2 3-pdr. R F, 6 1-pdr. R F, 1 Colt.                                                                         |
| Monadnock.....                           | CD     | 1875       | 3,990               | 12            | 3,000        | †         | 4 10-in. B L R, 2 4-in. R F guns.                                                  | 2 6-pdr. R F, 2 3-pdr. R F, 2 37-mm. H R C, 2 1-pdr. R F.                                                                 |
| Monterey.....                            | CD     | 1889       | 4,084               | 13.6          | 5,244        | 1,628,905 | 2 12-in. B L R, 2 10-in. R L R.                                                    | 6 6-pdr. R F, 4 1-pdr. R F, 2 Gatlings, 1 field.                                                                          |
| Puritan.....                             | CD     | 1875       | 6,060               | 12.4          | 3,700        | †         | 4 12-in. B L R, 6 4-in. R F guns.                                                  | 6 6-pdr. R F, 2 37-mm. H R C, 2 1-pdr. R F.                                                                               |
| Terror.....                              | CD     | 1874       | 3,990               | 10.5          | 1,600        | †         | 4 10-in. B L R.                                                                    | 2 6-pdr. R F, 2 3-pdr. R F, 2 37-mm. H R C, 2 1-pdr. R F.                                                                 |
| <b>SGL. TURRET MONITORS.</b>             |        |            |                     |               |              |           |                                                                                    |                                                                                                                           |
| Canonicus.....                           | CD     | 1862       | 2,100               | 6             | 340          | 622,963   | 2 15-in. S B.                                                                      | 2 12-pdr. H.                                                                                                              |
| Jason.....                               | CD     | 1862       | 1,875               | 5 to 6        | 340          | 422,766   | 2 15-in. S B.                                                                      | 2 12-pdr. H.                                                                                                              |
| Lehigh.....                              | CD     | 1862       | 1,875               | 5 to 6        | 340          | 422,728   | 2 15-in. S B.                                                                      | 2 12-pdr. H.                                                                                                              |
| Montauk.....                             | CD     | 1862       | 1,875               | 5 to 6        | 340          | 423,027   | 2 15-in. S B.                                                                      | 2 12-pdr. H.                                                                                                              |
| Nahant.....                              | CD     | 1862       | 1,875               | 5 to 6        | 340          | 413,515   | 2 15-in. S B.                                                                      | 2 12-pdr. H.                                                                                                              |
| Arkansas.....                            | CD     | 1899       | 3,214               | 11½           | 3,235        | 960,000   | 2 12-in. B L R, 4 4-in. R F guns.                                                  | 6 6-pdr. R F, 6 1-pdr. R F, 2 Colts.                                                                                      |
| Florida*.....                            | CD     | 1899       | 3,214               | 11½           | 2,235        | 925,000   | 2 12-in. B L R, 4 4-in. R F guns.                                                  | 3 6-pdr. R F, 5 1-pdr. R F, 2 Colts.                                                                                      |
| Nevada*.....                             | CD     | 1899       | 3,214               | 11½           | 3,225        | 962,000   | 2 12-in. B L R, 4 4-in. R F guns.                                                  | 3 6-in. S A, 4 1-pdr. automatic 4 1-pdr. R F, 2 Colts.                                                                    |
| Wyoming*.....                            | CD     | 1899       | 3,214               | 11½           | 3,218        | 975,000   | 2 12-in. B L R, 4 4-in. R F guns.                                                  | 3 6-pdr. R F, 5 1-pdr. R F, 2 Colts.                                                                                      |
| <b>UNARMORED STEEL VESSELS.</b>          |        |            |                     |               |              |           |                                                                                    |                                                                                                                           |
| Albany.....                              | PC     | ....       | 3,437               | 20            | 7,500        | ....      | 6 6-in. R F guns, 4 4.7-in. R F guns.                                              | 10 6-pdr. R F, 8 1-pdr. R F, 2 Colts.                                                                                     |
| Atlanta.....                             | PC     | 1883       | 3,000               | 15.60         | 4,080        | 617,000   | 6 6-in. R F guns, 28-in. B L R.                                                    | 6 6-pdr. R F, 4 1-pdr. R F, 2 Colts, 1 3-in. R F field.                                                                   |
| Baltimore.....                           | PC     | 1887       | 4,413               | 20.096        | 10,064       | 1,325,000 | 12 6-in. R F, 6 14-pdr. R F.                                                       | 6 3-pdr. R F, 4 1-pdr. R F, 4 automatic, 1 3-in. R F field.                                                               |
| Boston.....                              | PC     | 1883       | 3,000               | 15.60         | 4,300        | 619,000   | 6 6-in. B L R, 2 8-in. B L R.                                                      | 6 6-pdr. R F, 4 1-pdr. R F, 2 Colts, 1 3-in. R F field.                                                                   |
| Charleston*.....                         | PC     | ....       | 9,600               | 22            | 21,000       | 2,740,000 | 14 6-in. R F.                                                                      | 18 3-in. R F, 12 3-pdr. S A, 4 1-pdr. automatic, 8 1-pdr. R F, 2 3-in. R F field, 2 30 cal. machine, 8 30 cal. automatic. |
| Chattanooga*.....                        | PC     | 1900       | 3,100               | 16            | 4,700        | 1,039,000 | 10 5-in. R F guns.                                                                 | 8 6-pdr. R F, 2 1-pdr. R F, 4 Colt automatic.                                                                             |
| Chicago.....                             | PC     | 1883       | 5,000               | 18            | 9,000        | 889,000   | 4 8-in. B L R, 14 5-in. R F guns.                                                  | 7 6-pdr. R F, 2 1-pdr. R F, 2 Colts, 1 3-in. R F field.                                                                   |
| Cincinnati.....                          | PC     | 1890       | 3,213               | 19            | 10,000       | 1,100,600 | 11 5-in. R F guns.                                                                 | 8 6-pdr. R F, 2 1-pdr. R F, 2 Colts, 1 3-in. R F field.                                                                   |
| Cleveland*.....                          | PC     | 1900       | 3,100               | 16            | 4,700        | 1,041,000 | 10 5-in. R F guns.                                                                 | 8 6-pdr. R F, 2 1-pdr. R F, 4 Colt automatic.                                                                             |
| Columbia.....                            | PC     | 1890       | 7,375               | 22.8          | 18,509       | 2,725,000 | 1 8-in. B L R, 2 6-in. R L R, 8 4-in. R F guns.                                    | 12 6-pdr. R F, 2 1-pdr. R F, 2 Colts, 1 3-in. R F field.                                                                  |
| Denver*.....                             | PC     | 1900       | 3,100               | 16            | 4,700        | 1,080,000 | 10 5-in. R F guns.                                                                 | 8 6-pdr. R F, 2 1-pdr. R F, 4 Colt automatic.                                                                             |
| Des Moines*.....                         | PC     | 1900       | 3,100               | 16            | 4,700        | 1,065,000 | 10 5-in. R F guns.                                                                 | 8 6-pdr. R F, 2 1-pdr. R F, 4 Colt automatic.                                                                             |
| Detroit.....                             | C      | 1890       | 2,089               | 19            | 5,227        | 612,500   | 10 5-in. R F guns.                                                                 | 6 6-pdr. R F, 2 1-pdr. R F, 2 Colts, 1 3-in. R F field.                                                                   |
| Galveston*.....                          | PC     | 1901       | 3,100               | 16            | 4,700        | 1,027,000 | 10 5-in. R F guns.                                                                 | 8 6-pdr. R F, 2 1-pdr. R F, 4 Colt automatic.                                                                             |
| Marblehead.....                          | C      | 1890       | 2,089               | 18            | 5,451        | 674,000   | 10 5-in. R F guns, 1 3-in. field gun.                                              | 6 6-pdr. R F, 2 1-pdr. R F, 2 Colts.                                                                                      |
| Milwaukee*.....                          | PC     | ....       | 9,600               | 22            | 21,000       | 2,825,000 | 14 6-in. R F guns.                                                                 | 18 3-in. R F, 12 3-pdr. S A, 4 1-pdr. automatic, 8 1-pdr. R F, 2 3-in. R F field, 2 30 cal. machine, 8 30 cal. automatic. |
| Minneapolis.....                         | PC     | 1891       | 7,375               | 23.073        | 20,862       | 2,690,000 | 1 8-in. B L R, 2 6-in. R L R, 8 4-in. R F guns.                                    | 12 6-pdr. R F, 2 1-pdr. R F, 2 Colts, 1 3-in. R F field.                                                                  |
| Montgomery.....                          | C      | 1890       | 2,089               | 19            | 5,580        | 612,500   | 10 5-in. R F guns.                                                                 | 6 6-pdr. R F, 2 1-pdr. R F, 2 Colts.                                                                                      |
| Newark.....                              | PC     | 1888       | 4,098               | 19            | 8,839        | 1,248,000 | 12 6-in. R F guns.                                                                 | 8 6-pdr. R F, 2 1-pdr. R F, 2 Colts.                                                                                      |
| New Orleans.....                         | PC     | ....       | 3,437               | 20            | 7,500        | ....      | 6 6-in. R F guns, 4 4.7-in. R F guns.                                              | 8 6-pdr. R F, 2 1-pdr. R F, 2 Colts.                                                                                      |
| Olympia.....                             | PC     | 1891       | 5,870               | 21.656        | 17,313       | 1,796,000 | 10 5-in. R F guns, 4 8-in. B L R, mounted in barbette turrets, armor 3½ and 4½ in. | 14 6-pdr. R F, 7 1-pdr. R F, 1 Gatling.                                                                                   |
| Philadelphia.....                        | PC     | 1888       | 4,324               | 19.678        | 8,815        | 1,350,000 | 12 6-in. R F guns.                                                                 | 4 6-pdr. R F, 4 3-pdr. R F, 2 1-pdr. R F, 2 Colts, 2 37-mm. R C, 1 3-in. R F field.                                       |
| Raleigh.....                             | PC     | 1889       | 3,213               | 19            | 10,000       | 1,100,000 | 11 5-in. R F guns.                                                                 | 8 6-pdr. R F, 4 1-pdr. R F, 2 Colts.                                                                                      |
| Reina Mercedes*.....                     | C      | ....       | 3,090               | 17            | 3,700        | ....      | .....                                                                              | .....                                                                                                                     |

## THE NAVY—Continued.

## VESSELS OF THE UNITED STATES NAVY.—Continued.

| NAME.                  | CLASS. | Keel<br>Laid. | Dis-<br>place-<br>ment,<br>Tons. | Speed,<br>Knots. | Horse-<br>Power. | Cost.       | BATTERIES.                         |                                                                                                                           |  |
|------------------------|--------|---------------|----------------------------------|------------------|------------------|-------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------|--|
|                        |        |               |                                  |                  |                  |             | Main.                              | Secondary.                                                                                                                |  |
| San Francisco.....     | P C    | 1888          | 4,098                            | 19.525           | 9,913            | \$1,428,000 | 12 6-in. B L R.                    | 12 6-pdr. R F, 2 1-pdr. R F, 2 Colts.                                                                                     |  |
| St. Louis*.....        | P C    | .....         | 9,600                            | ..               | 21,000           | 2,740,000   | 14 6-in. R F guns.                 | 18 3-in. R F, 12 3-pdr. S A, 4 1-pdr. automatic, 8 1-pdr. R F, 2 3-in. R F field, 2 30 cal. machine, 8 30 cal. automatic. |  |
| Tacoma*.....           | P C    | 1906          | 3,100                            | 16               | 4,700            | 1,041,000   | 10 5-in. R F guns.                 | 6 6-pdr. R F, 2 1-pdr. R F, 4 Colt automatic.                                                                             |  |
| GUNBOATS.              |        |               |                                  |                  |                  |             |                                    |                                                                                                                           |  |
| Beacraft.....          | G B    | 1891          | 839                              | 14               | 1,213            | 250,000     | 4 4-in. R F guns.                  | 8 3-pdr. R F, 1 1-pdr. R F, 1 Colt.                                                                                       |  |
| Bennington.....        | G B    | 1888          | 1,710                            | 17               | 3,436            | 490,000     | 6 6-in. B L R.                     | 2 6-pdr. R F, 2 3-pdr. R F, 2 37-mm. H R C, 2 Gatlings.                                                                   |  |
| Castine.....           | G B    | 1891          | 1,177                            | 16               | 2,199            | 318,500     | 8 4-in. R F guns.                  | 4 6-pdr. R F, 2 1-pdr. R F, 1 Colt.                                                                                       |  |
| Concord.....           | G B    | 1888          | 1,710                            | 16               | 3,405            | 490,000     | 6 6-in. B L R.                     | 2 6-pdr. R F, 2 3-pdr. R F, 2 37-mm. H R C, 2 Gatlings.                                                                   |  |
| Don Juan de Austria†.. | G B    | .....         | 1,159                            | 14               | 1,600            | 180,000     | 4 5-in. R F guns.                  | 4 6-pdr. R F, 4 Colts.                                                                                                    |  |
| General Alava†.....    | G B    | .....         | 1,390                            | 10               | 770              | .....       | .....                              | 2 42-mm. Nordenfelts, 4 11-mm. Nordenfelts.                                                                               |  |
| Helena.....            | G B    | 1894          | 1,392                            | 15               | 1,988            | 280,000     | 8 4-in. R F guns.                  | 4 6-pdr. R F, 4 1-pdr. R F, 2 Colts, 1 3-in. field.                                                                       |  |
| Isla de Cuba†.....     | G B    | .....         | 1,030                            | 14               | 1,000            | 215,000     | 4 4-in. R F guns.                  | 4 6-pdr. R F, 4 Colts.                                                                                                    |  |
| Isla de Luzon†.....    | G B    | .....         | 1,030                            | 14               | 1,000            | 215,000     | 4 4-in. R F guns.                  | 4 6-pdr. Q F, 4 Colts.                                                                                                    |  |
| Machias.....           | G B    | 1891          | 1,177                            | 15               | 2,046            | 318,500     | 8 4-in. R F guns.                  | 4 6-pdr. R F, 2 1-pdr. R F, 1 Colt.                                                                                       |  |
| Nashville.....         | G B    | 1894          | 1,371                            | 16               | 2,536            | 280,000     | 8 4-in. R F guns.                  | 4 6-pdr. R F, 2 1-pdr. R F, 2 Colts, 1 3-in. R F field.                                                                   |  |
| Petrel.....            | G B    | 1887          | 892                              | 11               | 1,095            | 247,000     | 6 4-in. B L R.                     | 2 3-pdr. R F, 1 1-pdr. R F, 2 37-mm. H R C, 2 Gatlings.                                                                   |  |
| Topeka.....            | G B    | .....         | 1,700                            | 16               | 2,000            | 170,327     | 6 4-in. R F guns.                  | 6 3-pdr. R F, 2 1-pdr. R F, 1 Colt.                                                                                       |  |
| Wilmington.....        | G B    | 1894          | 1,392                            | 15               | 1,894            | 280,000     | 8 4-in. R F guns.                  | 4 6-pdr. R F, 4 1-pdr. R F, 4 Colts.                                                                                      |  |
| Yorktown.....          | G B    | 1887          | 1,710                            | 16               | 3,392            | 455,000     | 6 6-in. R F guns.                  | 2 6-pdr. R F, 2 3-pdr. R F, 4 1-pdr. R F, 2 Colts.                                                                        |  |
| Annapolis.....         | C G B  | 1897          | 1,000                            | 13               | 1,227            | 227,700     | 6 4-in. R F guns.                  | 4 6-pdr. R F, 2 1-pdr. R F, 1 Colt.                                                                                       |  |
| Dubuque.....           | C G B  | 1897          | 1,050                            | 12               | .....            | .....       | 6 4-in. R F guns.                  | 2 6-pdr. R F, 2 1-pdr. R F, 2 Colts.                                                                                      |  |
| Marietta.....          | C G B  | 1897          | 1,000                            | 13               | 1,054            | 223,000     | 6 4-in. R F guns.                  | 4 6-pdr. R F, 2 1-pdr. R F, 1 Colt.                                                                                       |  |
| Newport.....           | C G B  | 1897          | 1,000                            | 12               | 1,008            | 229,400     | 6 4-in. R F guns.                  | 4 6-pdr. R F, 2 1-pdr. R F, 1 Colt.                                                                                       |  |
| Paducah.....           | C G B  | 1897          | 1,050                            | 12               | .....            | .....       | 6 4-in. R F guns.                  | 2 6-pdr. R F, 2 1-pdr. R F, 2 Colts.                                                                                      |  |
| Princeton.....         | C G B  | 1898          | 1,100                            | 12               | 800              | 230,000     | 6 4-in. R F guns.                  | 4 6-pdr. R F, 2 1-pdr. R F, 1 Colt.                                                                                       |  |
| Vicksburg.....         | C G B  | 1897          | 1,000                            | 13               | 1,118            | 229,400     | 6 4-in. R F guns.                  | 4 6-pdr. R F, 2 1-pdr. R F, 1 Colt.                                                                                       |  |
| Wheeling.....          | C G B  | 1897          | 1,000                            | 12               | 1,018            | 219,000     | 6 4-in. R F guns.                  | 4 6-pdr. R F, 2 1-pdr. R F, 1 Colt.                                                                                       |  |
| SPECIAL CLASS.         |        |               |                                  |                  |                  |             |                                    |                                                                                                                           |  |
| Chesapeake.....        | T S    | 1898          | 1,175                            | ..               | .....            | 112,600     | 6 4-in. R F guns.                  | 4 6-pdr. R F, 2 1-pdr. R F.                                                                                               |  |
| Dolphin.....           | D B    | 1883          | 1,488                            | 16               | 2,253            | 315,000     | 2 4-in. R F guns.                  | 1 6-pdr. R F, 6 3-pdr. R F, 2 Colts.                                                                                      |  |
| Vesuvius.....          | D G B  | 1887          | 929                              | 21               | 3,795            | 350,000     | 315-in. dynamite guns.             | 3 3-pdr. R F, 2 Colts.                                                                                                    |  |
| AUXILIARY CRUISERS.    |        |               |                                  |                  |                  |             |                                    |                                                                                                                           |  |
| Buffalo.....           | S C    | 1892          | 6,888                            | 14.5             | 3,600            | 575,000     | 2 5-in. R F guns, 44-in. R F guns. | 2 6-mm. Colts, 6 6-pdrs.                                                                                                  |  |
| Dixie.....             | S C    | 1893          | 6,145                            | 16               | 3,800            | 575,000     | 8 5-in. R F guns.                  | 4 6-pdrs., 4 1-pdr., 2 Colts, 1 3-in. field.                                                                              |  |
| Panther.....           | I C    | 1889          | 4,260                            | 13               | .....            | 375,000     | 6 5-in. R F guns, 24-in. R F guns. | 6 3-pdrs., 1 Colt, 1 3-in. field.                                                                                         |  |
| Prairie.....           | I C    | 1890          | 6,872                            | 14.5             | 3,800            | 575,000     | 8 6-in. R F guns.                  | 6 6-pdr. R F, 2 Colts.                                                                                                    |  |
| Yankee.....            | I C    | 1892          | 6,888                            | 12.5             | 3,800            | 575,000     | .....                              | 6 6-pdrs., 2 Colts.                                                                                                       |  |
| TORPEDO BOATS.         |        |               |                                  |                  |                  |             |                                    |                                                                                                                           |  |
| Bagley*.....           | T B    | 1898          | 167                              | 29               | 4,200            | 161,000     | .....                              | 3 3-pdr. R F, 3 18-in. W T.                                                                                               |  |
| Bailey*.....           | T B    | 1887          | 258                              | 30               | 5,600            | 210,000     | .....                              | 4 6-pdr. R F, 2 18-in. W T.                                                                                               |  |
| Barcelo*.....          | T B    | .....         | 66                               | 17               | 600              | .....       | .....                              | .....                                                                                                                     |  |
| Barney*.....           | T B    | 1898          | 167                              | 29               | 4,200            | 161,000     | .....                              | 3 3-pdr. R F, 3 18-in. W T.                                                                                               |  |
| Biddle*.....           | T B    | 1888          | 167                              | 28               | 4,200            | 161,000     | .....                              | 3 3-pdr. R F, 3 18-in. W T.                                                                                               |  |
| Blakeley*.....         | T B    | 1898          | 165                              | 26               | 3,000            | 159,000     | .....                              | 3 3-pdr. R F, 3 18-in. W T.                                                                                               |  |
| Cushing.....           | T B    | 1888          | 105                              | 22.5             | 1,720            | 82,750      | .....                              | 3 1-pdr. R F, 3 18-in. W T.                                                                                               |  |
| Dahlgren*.....         | T B    | 1897          | 146                              | 30               | 4,200            | 194,000     | .....                              | 4 1-pdr. R F, 2 18-in. W T.                                                                                               |  |
| Davis.....             | T B    | 1897          | 154                              | 23               | 1,750            | 81,546      | .....                              | 3 1-pdr. R F, 3 18-in. W T.                                                                                               |  |
| De Long*.....          | T B    | 1898          | 165                              | 26               | 3,000            | 159,400     | .....                              | 3 3-pdr. R F, 3 18-in. W T.                                                                                               |  |
| Du Pont.....           | T B    | 1896          | 165                              | 28               | .....            | 144,000     | .....                              | 4 1-pdr. R F, 3 18-in. W T.                                                                                               |  |
| Ericsson.....          | T B    | 1892          | 190                              | 24               | 1,800            | 118,500     | .....                              | 3 1-pdr. R F, 3 18-in. W T.                                                                                               |  |
| Farragut.....          | T B    | 1897          | 279                              | 30               | 5,800            | 227,500     | .....                              | 4 6-pdr. R F, 2 18-in. W T.                                                                                               |  |
| Forbes.....            | T B    | 1896          | 142                              | 24               | 2,000            | 97,500      | .....                              | 3 1-pdr. R F, 3 18-in. W T.                                                                                               |  |
| Foote.....             | T B    | 1897          | 154                              | 23               | 1,750            | 85,000      | .....                              | 3 1-pdr. R F, 3 18-in. W T.                                                                                               |  |
| Goldsborough*.....     | T B    | 1897          | 247                              | 30               | 6,000            | 214,500     | .....                              | 4 6-pdr. R F, 2 18-in. W T.                                                                                               |  |
| Gwin.....              | T B    | 1897          | 45                               | 20               | 850              | 39,000      | .....                              | 1 1-pdr. R F, 2 18-in. W T.                                                                                               |  |
| MacKenzie.....         | T B    | 1897          | 65                               | 20               | 850              | 48,500      | .....                              | 1 1-pdr. R F, 2 18-in. W T.                                                                                               |  |
| Manly.....             | T B    | 1897          | .....                            | .....            | .....            | 24,250      | .....                              | 3 3-pdr. R F, 3 18-in. W T.                                                                                               |  |
| McKee.....             | T B    | 1897          | 65                               | 19               | 850              | 45,000      | .....                              | 2 1-pdr. R F, 2 18-in. W T.                                                                                               |  |
| Morris.....            | T B    | 1897          | 104                              | 24               | 1,750            | 89,000      | .....                              | 3 1-pdr. R F, 3 18-in. W T.                                                                                               |  |
| Nicholson*.....        | T B    | 1898          | 174                              | 26               | .....            | 165,000     | .....                              | 3 3-pdr. R F, 3 18-in. W T.                                                                                               |  |
| O'Brien*.....          | T B    | 1899          | 174                              | 26               | .....            | 165,000     | .....                              | 3 3-pdr. R F, 3 18-in. W T.                                                                                               |  |
| Porter.....            | T B    | 1898          | 165                              | 28               | .....            | 147,000     | .....                              | 4 1-pdr. R F, 3 18-in. W T.                                                                                               |  |
| Rodgers.....           | T B    | 1896          | 142                              | 24               | 2,000            | 97,500      | .....                              | 3 1-pdr. R F, 3 18-in. W T.                                                                                               |  |

THE NAVY—Continued.

VESSELS OF THE UNITED STATES NAVY.—Continued.

| NAME.                | Class. | Keel Laid. | Displacement, Tons. | Speed, Knots. | Horse-Power. | Cost.     | BATTERIES.                               |            |
|----------------------|--------|------------|---------------------|---------------|--------------|-----------|------------------------------------------|------------|
|                      |        |            |                     |               |              |           | Main.                                    | Secondary. |
| Rowan.....           | T B    | 1896       | 182 27              |               | 3,200        | \$160,000 | 41-pdr. R F, 3 18-in. W T.               |            |
| Shubrick.....        | T B    | 1899       | 165 26              |               | 3,000        | 129,750   | 3 3-pdr. R F, 3 18-in. W T.              |            |
| Somers.....          | T B    | 1897       | 145 23              |               | 1,900        | 72,997    | 3 3-pdr. R F, 3 18-in. W T.              |            |
| Siletto.....         | T B    | 1888       | 318 18              |               | 358          | 25,000    |                                          |            |
| Stockton.....        | T B    | 1898       | 165 26              |               | 3,000        | 129,750   | 3 3-pdr. R F, 3 18-in. W T.              |            |
| Stringham.....       | T B    | 1897       | 340 30              |               | 7,200        | 236,000   | 7 6-pdr. R F, 2 18-in. W T.              |            |
| T. A. M. Craven..... | T B    | 1897       | 146 30              |               | 4,200        | 194,000   | 4 1 pdr. R F, 2 18-in. W T.              |            |
| Talbot.....          | T B    | 1897       | 46 21               |               | 850          | 39,000    | 1 1-pdr. R F, 3 18-in. W T.              |            |
| Thornton.....        | T B    | 1898       | 165 26              |               | 3,000        | 129,750   | 3 3-pdr. R F, 3 18-in. W T.              |            |
| Thigey.....          | T B    | 1898       | 165 26              |               | 3,000        | 128,000   | 3 3-pdr. R F, 3 18-in. W T.              |            |
| Wilkes.....          | T B    | 1898       | 165 26              |               | 3,000        | 146,000   | 3 3-pdr. R F, 3 18-in. W T.              |            |
| Winslow.....         | T B    | 1896       | 142 24              |               | 3,000        | 97,500    | 3 1-pdr. R F, 3 18-in. W T.              |            |
| SUBMARINE.           |        |            |                     |               |              |           |                                          |            |
| Adder.....           | S T B  | 1900       | 120 8               |               | 160          | 170,000   | 1 torpedo tube, 5 W T.                   |            |
| Grampus.....         | S T B  | .....      | 120 8               |               | 160          | 170,000   | 1 torp-do tube, 5 W T.                   |            |
| Holland.....         | S T B  | .....      | 74 8                |               | 45           | 150,000   | 1 torpedo tube.                          |            |
| Moccasin.....        | S T B  | 1900       | 120 8               |               | 160          | 170,000   | 1 torpedo tube, 5 W T.                   |            |
| Pike.....            | S T B  | .....      | 120 8               |               | 160          | 170,000   | 1 torp-do tube, 5 W T.                   |            |
| Plunger.....         | S T B  | 1901       | 188 8               |               | 160          | 150,000   | 2 W T.                                   |            |
| Porpoise.....        | S T B  | 1900       | 120 8               |               | 160          | 170,000   | 1 torp-do tube, 5 W T.                   |            |
| Shark.....           | S T B  | 1901       | 120 8               |               | 160          | 170,000   | 1 torpedo tube, 5 W T.                   |            |
| TOR-BOAT DESTROYERS. |        |            |                     |               |              |           |                                          |            |
| Bainbridge.....      | T D    | 1898       | 420 29              |               | 8,000        | 283,000   | 2 3-in. R F, 5 6-pdr. R F, 2 18-in. W T. |            |
| Barry.....           | T D    | 1899       | 420 29              |               | 8,000        | 283,000   | 2 3-in. R F, 5 6-pdr. R F, 2 18-in. W T. |            |
| Chauncey.....        | T D    | 1899       | 420 29              |               | 8,000        | 283,000   | 2 3-in. R F, 5 6-pdr. R F, 2 18-in. W T. |            |
| Dale.....            | T D    | 1899       | 420 28              |               | 8,000        | 260,000   | 2 3-in. R F, 5 6-pdr. R F, 2 18-in. W T. |            |
| Decatur.....         | T D    | 1899       | 420 28              |               | 8,000        | 260,000   | 2 3-in. R F, 5 6-pdr. R F, 2 18-in. W T. |            |
| Hopkins.....         | T D    | 1899       | 408 29              |               | 7,200        | 291,000   | 2 3-in. R F, 5 6-pdr. R F, 2 18-in. W T. |            |
| Hull.....            | T D    | 1899       | 408 29              |               | 7,200        | 291,000   | 2 3-in. R F, 5 6-pdr. R F, 2 18-in. W T. |            |
| Lawrence.....        | T D    | 1899       | 402 30              |               | 8,400        | 281,000   | 2 3-in. R F, 5 6-pdr. R F, 2 18-in. W T. |            |
| Macdonough.....      | T D    | 1899       | 402 30              |               | 8,400        | 281,000   | 2 3-in. R F, 5 6-pdr. R F, 2 18-in. W T. |            |
| Paul Jones.....      | T D    | 1899       | 420 29              |               | 7,000        | 285,000   | 2 3-in. R F, 5 6-pdr. R F, 2 18-in. W T. |            |
| Perry.....           | T D    | 1899       | 420 29              |               | 7,000        | 285,000   | 2 3-in. R F, 5 6-pdr. R F, 2 18-in. W T. |            |
| Preble.....          | T D    | 1899       | 420 29              |               | 7,000        | 285,000   | 2 3-in. R F, 5 6-pdr. R F, 2 18-in. W T. |            |
| Stewart.....         | T D    | 1899       | 420 29              |               | 8,000        | 282,000   | 2 3-in. R F, 6 6-pdr. R F, 2 18-in. W T. |            |
| Truxton.....         | T D    | 1899       | 433 29              |               | 8,300        | 286,000   | 2 3-in. R F, 6 6-pdr. R F, 2 18-in. W T. |            |
| Whipple.....         | T D    | 1899       | 433 30              |               | 8,300        | 286,000   | 2 3-in. R F, 6 6-pdr. R F, 2 18-in. W T. |            |
| Worden.....          | T D    | 1899       | 433 30              |               | 8,300        | 286,000   | 2 3-in. R F, 6 6-pdr. R F, 2 18-in. W T. |            |

UNARMED GUNBOATS (IN ORDER OF TONNAGE).

Yankton, Scorpion, Vixen, Gloucester, Wasp, Frolic, Dorothea, El Cano, Plata, Stranger, Peoria, Iliad, Eagle, Hornet, Quince, Villalobos, Siren, Sylvia, Callao, Pampanat, Pararuru, Samar, Arayat, Aileen, Elfrida, Siph, Calamianes, Albany, Leyte, Panay, Manilaen, Mariveles, Mindoro, Restless, Shearwater, Alvarado, Sandoval, Huntress, Basco, Guardouil, and Urdaneta. These vessels are built of steel and iron and carry a battery of from 2 to 10 guns, according to size. The largest vessel has a displacement of 975 tons and the smallest 42. They have a speed of 8 to 19 knots.

\*Building or building contracted for. †Appropriation to complete monitors, \$3,178,046. ‡Captured from Spain. §Plans being prepared.

OLD NAVAL VESSELS.

Old Iron Vessels.—Alert, Monocys, Michigan, and Ranger. These have a tonnage varying from 550 to 1,370; horse-power, 190 to 850, and speed, 8.5 to 11.2 knots.

Old Wooden Vessels.—Adams, Enterprise, Essex, Hartford (recently rebuilt), Lancaster, and Mohican. These have a tonnage varying from 900 to 3,250; horse-power, 220 to 2,000, and speed, 7.5 to 12 knots. They are now used for the training of apprentices and landsmen.

The above are steam vessels. In addition to the old navy vessels enumerated above, are the following sailing vessels: Training-ship Constellation, 8 guns, built 1854; Training-ship Monongahela, built 1862; School-ships St. Mary's and Saratoga, and Training-ship Alliance.

TUGS.

There are 41 tugs in the Naval Service, the largest of which, the Potomac, has a displacement of 785 tons, and the two smallest, the Chickasaw and Rapido, 100 tons. These vessels are distributed among the various naval stations in the United States and the Philippine Islands.

The following vessels are being used by various State naval militia: Fern, Marion, Minnesota, Portsmouth, Yantic, Dale, New Hampshire, and St. Louis.

The Jamestown and Iroquois have been transferred to the Marine Hospital Service.

The Michigan, an iron cruiser of 685 tons, is employed on special duty in the northwestern lakes.

SUMMARY OF VESSELS OF THE NAVY.

Vessels fit for service, including those under repair, 223; vessels under construction or authorized, 63; vessels unfit for sea service, 24; total number of vessels, 310.

## THE NAVY—Continued.

## DIMENSIONS, COAL SUPPLY, ARMOR, AND COMPLEMENT.

| VESSELS.                 | Length on Load Water Line. |     | Extreme Breadth. |     | Mean Draught. |     | Type of Engine. | Normal Coal Supply. | Bunker Capacity. | No. of Torpedo Tubes. | ARMOR. |          |           | PROTECTIVE DECK. |       | COMPLEMENT. |      |     |     |
|--------------------------|----------------------------|-----|------------------|-----|---------------|-----|-----------------|---------------------|------------------|-----------------------|--------|----------|-----------|------------------|-------|-------------|------|-----|-----|
|                          | Ft.                        | In. | Ft.              | In. | Ft.           | In. |                 |                     |                  |                       | Sides. | Turrets. | Barbette. | Slope.           | Flat. | Officers.   | Men. |     |     |
| Alabama.....             | 368                        | 0   | 72               | 2   | 23            | 6   | T. S., V. T. E. | 800                 | 1,440            | 4                     | 16 5/8 | 14       | 15        | 3to4             | 2 1/2 | 40          | 496  |     |     |
| Albany.....              | 346                        | 0   | 43               | 9   | 18            | 0   | T. S., V. T. E. | 512                 | 743              | 3                     | ..     | ..       | ..        | 3 1/2            | 1 1/2 | 24          | 341  |     |     |
| Amphitrite.....          | 259                        | 6   | 55               | 6   | 14            | 6   | T. S., I. C.    | 250                 | 250              | ..                    | 9      | 7 5/8    | 11 5/8    | ..               | 1 1/2 | 26          | 156  |     |     |
| Arkansas.....            | 252                        | 0   | 50               | 0   | 12            | 6   | T. S., V. T. E. | 400                 | 400              | ..                    | 11     | 10       | 11        | ..               | 1 1/2 | 7           | 124  |     |     |
| Atlanta.....             | 271                        | 3   | 42               | 1   | 16            | 10  | S. S., H. C.    | ..                  | 490              | ..                    | ..     | ..       | ..        | 1 5/8            | 1 5/8 | 19          | 277  |     |     |
| Baltimore.....           | 327                        | 6   | 48               | 7   | 20            | 0   | T. S., H. T. E. | 400                 | 1,156            | ..                    | ..     | ..       | ..        | 4                | 2 1/2 | 36          | 350  |     |     |
| Bennington.....          | 230                        | 0   | 36               | 0   | 14            | 0   | T. S., H. T. E. | 200                 | 403              | ..                    | ..     | ..       | ..        | 3 1/2            | 1 1/2 | 16          | 181  |     |     |
| Boston.....              | 271                        | 3   | 42               | 1   | 17            | 0   | S. S., H. C.    | ..                  | 503              | ..                    | ..     | ..       | ..        | 1 3/8            | 1 3/8 | 22          | 279  |     |     |
| Brooklyn.....            | 400                        | 6   | 64               | 8   | 24            | 0   | T. S., V. T. E. | 900                 | 1,461            | 2                     | 4      | 3        | 5 5/8     | 8                | 6     | 4           | 46   | 471 |     |
| California.....          | 502                        | 0   | 70               | 0   | 24            | 6   | T. S., V. T. E. | 900                 | 2,000            | 2                     | 5to6   | 6 1/2    | 6         | ..               | ..    | 45          | 777  |     |     |
| Castine.....             | 204                        | 0   | 32               | 1   | 12            | 0   | T. S., V. T. E. | 125                 | 292              | ..                    | ..     | ..       | ..        | 3 1/2            | 5-16  | 11          | 142  |     |     |
| Charleston.....          | 4-4                        | 0   | 66               | 0   | 22            | 6   | T. S., V. T. E. | ..                  | ..               | ..                    | ..     | ..       | ..        | 3                | 2     | ..          | 525  |     |     |
| Chattanooga.....         | 292                        | 0   | 44               | 0   | 15            | 9   | T. S., V. T. E. | 467                 | 700              | ..                    | ..     | ..       | ..        | 2 1/2            | 1 1/2 | 30          | 263  |     |     |
| Chicago.....             | 3-5                        | 0   | 48               | 2   | 20            | 4   | T. S., V. T. E. | 553                 | 890              | ..                    | ..     | ..       | ..        | 1 1/2            | 1 1/2 | 33          | 426  |     |     |
| Cincinnati.....          | 300                        | 0   | 42               | 0   | 18            | 0   | T. S., V. T. E. | 350                 | 468              | ..                    | ..     | ..       | ..        | 2 1/2            | 1     | 20          | 319  |     |     |
| Cleveland.....           | 292                        | 0   | 44               | 0   | 15            | 9   | T. S., V. T. E. | 400                 | 467              | ..                    | ..     | ..       | ..        | 2 1/2            | 1 1/2 | 30          | 263  |     |     |
| Colorado.....            | 592                        | 0   | 69               | 6   | 24            | 6   | T. S., V. T. E. | 900                 | 2,000            | 2                     | 5to6   | 6        | 6         | ..               | ..    | 45          | 777  |     |     |
| Columbia.....            | 412                        | 0   | 58               | 2   | 22            | 6   | T. S., V. T. E. | 750                 | 1,570            | 4                     | ..     | ..       | ..        | 2 1/2            | 1 1/2 | 30          | 447  |     |     |
| Concord.....             | 230                        | 0   | 36               | 0   | 14            | 0   | T. S., H. T. E. | 200                 | 381              | ..                    | ..     | ..       | ..        | 3 1/2            | 3 1/2 | 13          | 181  |     |     |
| Connecticut.....         | 450                        | 7   | 76               | 10  | 24            | 6   | T. S., V. T. E. | 900                 | 2,200            | 4                     | 11     | 6-12     | 4         | 3 3/4            | 2 1/2 | ..          | ..   |     |     |
| Denver.....              | 292                        | 0   | 44               | 0   | 15            | 9   | T. S., V. T. E. | 467                 | 700              | ..                    | ..     | ..       | ..        | 2 1/2            | 1 1/2 | 30          | 263  |     |     |
| Des Moines.....          | 292                        | 0   | 44               | 0   | 15            | 9   | T. S., V. T. E. | 467                 | 700              | ..                    | ..     | ..       | ..        | 2 1/2            | 1 1/2 | 30          | 263  |     |     |
| Detroit.....             | 257                        | 0   | 37               | 0   | 14            | 7   | T. S., V. T. E. | 200                 | 340              | 2                     | ..     | ..       | ..        | 7-18             | 5-16  | 20          | 245  |     |     |
| Don Juan de Austria..... | 210                        | 0   | 32               | 0   | 12            | 6   | S. S.           | ..                  | 210              | ..                    | ..     | ..       | ..        | ..               | ..    | ..          | ..   | ..  |     |
| Florida.....             | 257                        | 0   | 50               | 0   | 12            | 6   | T. S., V. T. E. | 400                 | 400              | ..                    | ..     | ..       | ..        | 2 1/2            | 1 1/2 | 7           | 135  |     |     |
| Galveston.....           | 292                        | 0   | 44               | 0   | 15            | 9   | T. S., V. T. E. | 400                 | 467              | ..                    | ..     | ..       | ..        | 2 1/2            | 1 1/2 | 30          | 263  |     |     |
| Georgia.....             | 435                        | 0   | 76               | 10  | 24            | 6   | T. S., V. T. E. | 900                 | 1,900            | 2                     | 8-11   | 11       | 6-10      | 3                | 1 1/2 | 37          | 668  |     |     |
| Helena.....              | 250                        | 9   | 40               | 0   | 9             | 0   | T. S., V. T. E. | 100                 | 300              | ..                    | ..     | ..       | ..        | 3-18             | 5-16  | 10          | 166  |     |     |
| Illinois.....            | 368                        | 0   | 72               | 2   | 23            | 6   | T. S., V. T. E. | 800                 | 1,440            | 4                     | 16 1/8 | 14       | 15        | 3to4             | 2 1/2 | 40          | 496  |     |     |
| Indiana.....             | 348                        | 0   | 69               | 3   | 25            | 1   | T. S., V. T. E. | 400                 | 1,597            | 2                     | 18     | 15       | 17        | ..               | 2 1/2 | 32          | 454  |     |     |
| Iowa.....                | 360                        | 0   | 72               | 2   | 24            | 0   | T. S., V. T. E. | 625                 | 1,795            | 4                     | 14     | 15       | 15        | ..               | 2 1/2 | 36          | 473  |     |     |
| Isla de Cuba.....        | 192                        | 0   | 30               | 1   | 11            | 6   | T. S., H. T. E. | 100                 | 160              | 3                     | ..     | ..       | ..        | 2 1/2            | 1 1/2 | ..          | ..   |     |     |
| Isla de Luzon.....       | 192                        | 0   | 30               | 1   | 11            | 6   | T. S., H. T. E. | 100                 | 160              | 3                     | ..     | ..       | ..        | 2 1/2            | 1 1/2 | ..          | ..   |     |     |
| Katabdin.....            | 175                        | 9   | 43               | 5   | 15            | 0   | T. S., V. T. E. | 193                 | 193              | ..                    | 6      | ..       | ..        | 6                | 2     | 7           | 90   |     |     |
| Kearsarge.....           | 368                        | 0   | 72               | 2   | 23            | 6   | T. S., V. T. E. | 410                 | 1,645            | 4                     | 16 1/8 | 17       | 15        | 3to5             | 2 1/2 | 38          | 54   |     |     |
| Kentucky.....            | 368                        | 0   | 72               | 2   | 23            | 6   | T. S., V. T. E. | 410                 | 1,645            | 4                     | 16 1/8 | 17       | 15        | 3to5             | 2 1/2 | 40          | 549  |     |     |
| Louisiana.....           | 456                        | 0   | 76               | 10  | 24            | 6   | T. S., V. T. E. | 900                 | 2,200            | 4                     | 11     | 6-12     | 4         | 3 3/4            | 2 1/2 | ..          | ..   |     |     |
| Machias.....             | 504                        | 0   | 32               | 1   | 12            | 0   | T. S., V. T. E. | 195                 | 292              | ..                    | ..     | ..       | ..        | 3                | 5-16  | 11          | 143  |     |     |
| Maine.....               | 385                        | 0   | 72               | 2   | 23            | 6   | T. S., V. T. E. | 1,000               | 2,000            | 2                     | 11     | 12       | 12        | 3to4             | 2 1/2 | 40          | 511  |     |     |
| Marblehead.....          | 257                        | 0   | 37               | 0   | 14            | 7   | T. S., V. T. E. | 200                 | 340              | 2                     | ..     | ..       | ..        | 7-18             | 5-16  | 14          | 252  |     |     |
| Maryland.....            | 502                        | 0   | 69               | 3   | 25            | 1   | T. S., V. T. E. | 900                 | 2,000            | 2                     | 5to6   | 6        | 6         | ..               | ..    | 45          | 777  |     |     |
| Massachusetts.....       | 348                        | 0   | 69               | 3   | 23            | 6   | T. S., V. T. E. | 400                 | 1,597            | 2                     | 18     | 15       | 17        | ..               | 2 1/2 | 32          | 463  |     |     |
| Montanomoh.....          | 259                        | 6   | 55               | 6   | 14            | 6   | T. S., I. C.    | 250                 | 260              | ..                    | 7      | 11 5/8   | ..        | ..               | 1 1/2 | 13          | 136  |     |     |
| Milwaukee.....           | 424                        | 0   | 66               | 0   | 22            | 6   | T. S., V. T. E. | ..                  | ..               | ..                    | ..     | ..       | ..        | 3                | 2     | ..          | 525  |     |     |
| Minneapolis.....         | 412                        | 0   | 58               | 2   | 22            | 6   | T. S., V. T. E. | 750                 | 1,891            | 4                     | ..     | ..       | ..        | 4                | 2 1/2 | 30          | 447  |     |     |
| Missouri.....            | 388                        | 0   | 72               | 2   | 24            | 0   | T. S., V. T. E. | 1,000               | 2,000            | 2                     | 11     | 12       | 12        | 3to4             | 2 1/2 | 37          | 658  |     |     |
| Monadnock.....           | 259                        | 6   | 55               | 6   | 14            | 6   | T. S., H. T. E. | 250                 | 386              | ..                    | 9      | 7 5/8    | 11 5/8    | ..               | 1 1/2 | 26          | 187  |     |     |
| Monterey.....            | 256                        | 0   | 59               | 0   | 14            | 10  | T. S., V. T. E. | 200                 | 223              | ..                    | 13     | 8        | 13        | ..               | ..    | 3           | 19   | 199 |     |
| Montgomery.....          | 257                        | 0   | 37               | 0   | 14            | 7   | T. S., V. T. E. | 200                 | 340              | 2                     | ..     | ..       | ..        | 7-18             | 5-16  | 20          | 250  |     |     |
| Nashville.....           | 220                        | 0   | 38               | 1   | 11            | 9   | T. S., V. Q. E. | 150                 | 400              | ..                    | ..     | ..       | ..        | 3                | 5-16  | 11          | 167  |     |     |
| Nebraska.....            | 502                        | 0   | 76               | 2   | 23            | 0   | T. S., V. T. E. | 900                 | 2,000            | 2                     | 8-11   | 11       | 6-10      | 3                | 1 1/2 | 37          | 651  |     |     |
| Nevada.....              | 252                        | 0   | 50               | 0   | 12            | 6   | T. S., V. T. E. | 4 1/2               | 400              | ..                    | 11     | 10       | 11        | ..               | 1 1/2 | 7           | 125  |     |     |
| Newark.....              | 311                        | 7   | 49               | 2   | 18            | 9   | T. S., H. T. E. | 400                 | 80               | ..                    | ..     | ..       | ..        | 3                | 2     | 34          | 359  |     |     |
| New Jersey.....          | 435                        | 0   | 76               | 2   | 24            | 0   | T. S., V. T. E. | 900                 | 1,900            | 2                     | 8-11   | 11       | 6-10      | 3                | 1 1/2 | 37          | 651  |     |     |
| New Orleans.....         | 346                        | 0   | 43               | 9   | 18            | 0   | T. S., V. T. E. | 512                 | 743              | 3                     | ..     | ..       | ..        | 3                | 1 1/2 | 34          | 348  |     |     |
| New York.....            | 435                        | 0   | 64               | 10  | 23            | 6   | T. S., V. T. E. | 750                 | 1,590            | 2                     | 4      | 5 5/8    | 10        | 6                | 3     | 4           | 40   | 522 |     |
| Ohio.....                | 388                        | 0   | 72               | 2   | 24            | 0   | T. S., V. T. E. | 1,000               | 2,000            | 2                     | 11     | 12       | 12        | 3to4             | 2 1/2 | 35          | 511  |     |     |
| Olympia.....             | 340                        | 0   | 53               | 0   | 21            | 6   | T. S., V. T. E. | 400                 | 1,169            | 6                     | ..     | ..       | ..        | 3 1/2            | 2 1/2 | 34          | 413  |     |     |
| Oregon.....              | 348                        | 0   | 69               | 3   | 25            | 4   | T. S., V. T. E. | 400                 | 1,594            | 2                     | 18     | 15       | 17        | ..               | 2 1/2 | 32          | 462  |     |     |
| Pennsylvania.....        | 435                        | 0   | 76               | 10  | 24            | 0   | T. S., V. T. E. | 900                 | 1,900            | 2                     | 8-11   | 11       | 6-10      | 3                | 1 1/2 | 45          | 777  |     |     |
| Philadelphia.....        | 327                        | 6   | 48               | 7   | 19            | 6   | T. S., H. T. E. | 400                 | 1,074            | ..                    | ..     | ..       | ..        | 4                | 2 1/2 | 34          | 358  |     |     |
| Puritan.....             | 290                        | 3   | 60               | 1   | 18            | 0   | T. S., H. C.    | 307                 | 314              | ..                    | 14     | 8        | 14        | ..               | ..    | 2           | 22   | 208 |     |
| Raleigh.....             | 300                        | 0   | 42               | 0   | 18            | 0   | T. S., V. T. E. | 350                 | 460              | ..                    | ..     | ..       | ..        | 2 1/2            | 1     | 20          | 293  |     |     |
| Reina Mercedes.....      | 279                        | 9   | 43               | 3   | 19            | 1   | S. S.           | 600                 | 600              | ..                    | ..     | ..       | ..        | ..               | ..    | ..          | ..   | ..  |     |
| Rhode Island.....        | 292                        | 0   | 44               | 0   | 15            | 9   | T. S., V. T. E. | 400                 | 1,900            | 2                     | 8-11   | 11       | 6-10      | 3                | 1 1/2 | 37          | 658  |     |     |
| San Francisco.....       | 318                        | 0   | 49               | 2   | 18            | 9   | T. S., H. T. E. | 350                 | 827              | 4                     | ..     | ..       | ..        | ..               | ..    | 3           | 33   | 350 |     |
| South Dakota.....        | 502                        | 0   | 69               | 6   | 24            | 6   | T. S., V. T. E. | 900                 | 2,000            | 2                     | 5to6   | 6        | 6         | ..               | ..    | 45          | 777  |     |     |
| St. Louis.....           | 424                        | 0   | 66               | 0   | 22            | 6   | T. S., V. T. E. | ..                  | ..               | ..                    | ..     | ..       | ..        | ..               | ..    | 3           | 2    | ..  | 525 |
| Tacoma.....              | 292                        | 0   | 44               | 0   | 15            | 9   | T. S., V. T. E. | 467                 | 700              | ..                    | ..     | ..       | ..        | 2 1/2            | 1 1/2 | 30          | 263  |     |     |
| Tennessee.....           | 290                        | 0   | 72               | 0   | 25            | 0   | T. S., V. T. E. | 900                 | 2,000            | ..                    | 3to5   | 5to9     | 4to7      | 4                | 1 1/2 | ..          | ..   | ..  |     |
| Terror.....              | 259                        | 6   | 55               | 6   | 14            | 6   | T. S., I. C.    | 250                 | 285              | ..                    | 7      | 11 5/8   | ..        | ..               | 1 1/2 | 26          | 151  |     |     |
| Texas.....               | 301                        | 4   | 64               | 1   | 22            | 6   | T. S., V. T. E. | 500                 | 850              | 2                     | 12     | 12       | ..        | ..               | 2     | 30          | 413  |     |     |
| Topeka.....              | 250                        | 0   | 35               | 0   | 15            | 5   | H. C. C.        | 273                 | 410              | ..                    | ..     | ..       | ..        | ..               | ..    | 14          | 168  |     |     |
| Virginia.....            | 438                        | 0   | 76               | 2   | 23            | 9   | T. S., V. T. E. | 900                 | 1,900            | 2                     | 8-11   | 11       | 6-10      | 3                | 1 1/2 | 37          | 655  |     |     |
| Washington.....          | 502                        | 0   | 72               | 0   | 25            | 0   | T. S., V. T. E. | 900                 | 2,000            | 2                     | 5to6   | 5to9     | 4to7      | 4                | 1 1/2 | ..          | ..   | ..  |     |
| West Virginia.....       | 502                        | 0   | 70               | 0   | 24            | 6   | T. S., V. T. E. | 900                 | 2,000            | 2                     | 5to6   | 6 1/2    | 6         | ..               | ..    | 45          | 777  |     |     |
| Wilmington.....          | 250                        | 9   | 40               | 0   | 9             | 0   | T. S., V. T. E. | 100                 | 300              | ..                    | ..     | ..       | ..        | 3                | 5-16  | 10          | 188  |     |     |
| Wisconsin.....           | 368                        | 0   | 72               | 2   | 23            | 8   | T. S., V. T. E. | 800                 | 1,440            | 4                     | 16 1/8 | 14       | 15        | 3to4             | 2 1/2 | 34          | 556  |     |     |
| Wyoming.....             | 252                        | 0   | 50               | 0   | 12            | 6   | T. S., V. T. E. | 400                 | 400              | ..                    | 11     | 10       | 11        | ..               | 1 1/2 | 7           | 124  |     |     |
| Yorktown.....            | 230                        | 0   | 36               | 0   | 14            | 0   | T. S., H. T. E. | 200                 | 380              | ..                    | ..     | ..       | ..        | 3 1/2            | 1 1/2 | 14          | 181  |     |     |



THE NAVY—Continued.

ABBREVIATIONS—B. S., Battle-Ship; C. Cruiser; C. D., Coast Defence; T. S., Training-Ship; A. C., Armored Cruiser; P. C., Protected Cruiser; D. G. B., Dynamite Gunboat; I. C., Iron Cruiser; S. C., Steel Cruiser; D. B., Despatch Boat; G. B., Gunboat; B. L. R., Breech-Loading Rifle; T. B., Torpedo Boat; T. D., Torpedo-Boat Destroyer; C. G. B., Composite Gunboat; R. F. G., Rapid Fire Gun; R., Rifle when in main battery, Ram when referring to class; M. R. C., Hotchkiss Revolving Cannon; R. F., Rapid Fire; H., Howitzer; R. C., Rised Cannon; Q. F., Quick Fire; S. B., Smooth Bore; pdr., pounder; mm., millimetres; W. T., Whitehead Torpedo Tubes; S. T. B., Submarine Torpedo Boat. Engine types: T. S., Twin Screw; Tr. S., Triple Screw; S. S., Single Screw; H. C., Horizontal Compound; H. C. C., Horizontal Compound Cylindrical; H. T. E., Horizontal Triple Expansion; I. C., Inclined Compound; V. Q. E., Vertical Quadruple Expansion; V. T. E., Vertical Triple Expansion.

1. Brooklyn Navy-Yard, Brooklyn, N. Y.
2. Charlestown Navy-Yard, Boston, Mass.
3. Portsmouth Navy-Yard, near Norfolk, Va.
4. Kittery Navy-Yard, opposite Portsmouth, N. H.
5. League Island Navy-Yard, Philadelphia, Pa.

NAVY-YARDS.

6. Mare Island Navy-Yard, near San Francisco, Cal.
7. Pensacola Navy-Yard, Pensacola, Fla.
8. Washington City Navy-Yard, Washington, D. C.
9. New Orleans Naval Station, Algiers, La.

There are naval stations at New London, Ct.; Port Royal, S. C.; Bremerton, Wash.; Key West, Fla.; a torpedo and training station at Newport, R. I., and a training station on Yerba Buena Island, Cal., and the Naval War College, Newport R. I. Capt. French E. Chadwick, President.

Naval stations have been established at San Juan, Porto Rico; Havana, Cuba; Honolulu, H. I., and Cavite, Philippine Islands. The latter has become an important naval base for the Asiatic squadron.

VESSELS OF THE NAVY IN COMMISSION.

CORRECTED TO DECEMBER 1, 1902.

Addresses of vessels should be obtained by application to the Bureau of Navigation, Navy Department.

NORTH ATLANTIC STATION.

Rear-Admiral F. J. Higginson, Commander-in-Chief. Rear-Admiral J. B. Coghlan, second in command.

|                                |               |                          |                    |                       |
|--------------------------------|---------------|--------------------------|--------------------|-----------------------|
| Kearsarge, Flagship            | Alabama.....  | Capt. C. H. Davis.       | Massachusetts..... | Capt. H. N. Manney.   |
| Olympia.....                   | Arkansas..... | Com. C. E. Vreeland.     | Montgomery.....    | Com. N. J. K. Patch.  |
| (Flagship of Admiral Coghlan.) | Marietta..... | Lt.-Com. S. W. B. Diehl. | Scorpion.....      | Lt.-Com. C. J. Boush. |
|                                | Maclach.....  | Com. H. M. Crea.         |                    |                       |

PACIFIC STATION.

Rear-Admiral Silas Casey, Commander-in-Chief.

|                       |             |                        |                   |                     |
|-----------------------|-------------|------------------------|-------------------|---------------------|
| Wisconsin, Flagship   | Boston..... | Com. Chas. P. Perkins. | Philadelphia..... | Com. C. P. Perkins. |
| Capt. Geo. C. Reiter. | Oregon..... | Capt. W. T. Burwell.   | Wheeling.....     | Capt. U. Sebree.    |

ASIATIC STATION.

Rear-Admiral R. D. Evans, Commander-in-Chief. Rear-Admiral Frank Wildes, Senior Squadron Commander.

|                          |                    |                         |                  |                        |
|--------------------------|--------------------|-------------------------|------------------|------------------------|
| Kentucky, Flagship       | Glaucier.....      | Com. A. B. Speyers.     | New Orleans..... | Capt. C. S. Sperry.    |
| Rainbow.....             | Helena.....        | Com. R. R. Ingersoll.   | New York.....    | Capt. M. B. Mackenzie. |
| Annapolis.....           | Iris.....          | Lieut. W. A. Eisgar.    | Piscataqua.....  | Lieut. H. A. Field.    |
| Celtic.....              | Isla de Cuba.....  | Lt.-Com. J. F. Parker.  | Princeton.....   | Com. J. R. Selfridge.  |
| Don Juan de Austria..... | Isla de Luzon..... | Lt.-Com. J. C. Colwell. | Vicksburg.....   | Com. E. B. Barry.      |
| Frolic.....              | Monadnock.....     | Lt.-Com. D. H. Mahan.   | Wilmington.....  | Com. E. S. Prime.      |
| General Alava.....       | Monocacy.....      | Lt.-Com. G. W. Deufeld. | Wompatuck.....   | Lt.-Com. J. Laven.     |
|                          | Monterey.....      | Com. F. J. Drake.       | Yorktown.....    | Com. A. Ward.          |

EUROPEAN STATION.

Rear-Admiral A. S. Crowninshield, Commander-in-Chief.

|                         |              |                     |                |                   |
|-------------------------|--------------|---------------------|----------------|-------------------|
| Illinois, Flagship..... | Chicago..... | Capt. J. H. Dayton. | Nashville..... | Com. N. E. Niles. |
| Albany.....             |              |                     |                |                   |

SOUTH ATLANTIC STATION.

Rear-Admiral George W. Sumner, Commander-in-Chief.

|                     |              |                    |
|---------------------|--------------|--------------------|
| Iowa, Flagship..... | Atlanta..... | Com. W. H. Turner. |
|---------------------|--------------|--------------------|

UNASSIGNED.

|                 |                        |                 |                        |                    |                        |
|-----------------|------------------------|-----------------|------------------------|--------------------|------------------------|
| Adams.....      | Com. C. E. Fox.        | Detroit.....    | Com. A. C. Dillingham. | Sandoval.....      | Lieut. H. H. Christy.  |
| Alvarado.....   | Lieut. H. H. Christy.  | Gloucester..... | Com. F. E. Beatty.     | Supply.....        | Com. W. E. Sewell.     |
| Amphitrite..... | Com. E. H. Tillman.    | Maine.....      | Capt. E. H. C. Leutze. | San Francisco..... | Capt. A. Walker.       |
| Bancroft.....   | Lt.-Com. A. E. Culver. | Marblehead..... | Com. T. S. Phelps.     | Texas.....         | Capt. W. T. Swinburne. |
| Cincinnati..... | Com. N. E. Mason.      | Newark.....     | Com. E. Walnwright.    | Wasp.....          | Lieut. B. B. Bieder.   |
| Culgoa.....     | Lt.-Com. R. M. Doyle.  | Raleigh.....    | Com. A. T. Nazro.      | Wyoming.....       | Com. V. S. Cottman.    |

SPECIAL SERVICE.

|              |                        |                |                         |              |                        |
|--------------|------------------------|----------------|-------------------------|--------------|------------------------|
| Dolphin..... | Lt.-Com. M. B. Stoney. | Mayflower..... | Lt.-Com. A. Gleaves.    | Solace.....  | Com. F. Singer.        |
| Eagle.....   | Lt.-Com. G. L. Wood.   | Michigan.....  | Lt.-Com. Wm. Winder.    | Sylph.....   | Lieut. C. F. Preston.  |
| Hist.....    | Lieut. Victor Blue.    | Perry.....     | Lieut. T. C. Centon.    | Vixen.....   | Lt.-Com. W. McLean.    |
| Holland..... | Lieut. A. MacArthur.   | Potomac.....   | Lieut. B. B. McCormick. | Winslow..... | Lieut. A. MacArthur.   |
| Ipswich..... | Lieut. H. Rodman.      | Ranger.....    | Com. Wm. P. Potter.     | Yankton..... | Lt.-Com. A. M. Knight. |
| Leyden.....  | Lieut. C. Wells.       |                |                         |              |                        |

TRAINING SHIPS.

|               |                     |                  |                          |              |                        |
|---------------|---------------------|------------------|--------------------------|--------------|------------------------|
| Alert.....    | Com. W. W. Kimball. | Indiana.....     | Capt. W. H. Emory.       | Panther..... | Com. J. C. Wilson.     |
| Alliance..... | Com. S. P. Comly.   | Lancaster.....   | Com. G. P. Colvocresses. | Pea'rie..... | Com. D. Kennedy.       |
| Buffalo.....  | Capt. Albert Ross.  | Monahan.....     | Com. W. P. Day.          | Puritan..... | Com. A. G. Berry.      |
| Essex.....    | Com. L. C. Hellner. | Monongahela..... | Com. C. P. Rees.         | Topeka.....  | Com. J. A. H. Nickels. |
| Hartford..... | Com. W. H. Reeder.  |                  |                          |              |                        |

TORPEDO BOAT FLOTILLA IN ACTIVE SERVICE.

|              |                        |               |                        |                                     |                     |
|--------------|------------------------|---------------|------------------------|-------------------------------------|---------------------|
| Decatur..... | Lieut. L. H. Chandler. | Biddle.....   | Lieut. R. Z. Johnston. | Wilkes.....                         | Lieut. D. W. Knox.  |
| Bagley.....  | Lieut. S. E. Moses.    | Stockton..... | Lieut. H. E. Yarnell.  | Nina (tug, tender to flotilla)..... | Lieut. H. T. Baker. |
| Barney.....  | Lieut. G. C. Davison.  | Thornton..... | Lieut. W. G. McDowell. |                                     |                     |

STATE NAUTICAL SCHOOL SHIPS.

|                 |                 |               |  |                 |                     |
|-----------------|-----------------|---------------|--|-----------------|---------------------|
| Enterprise..... | Com. W. F. Low. | Saratoga..... |  | St. Mary's..... | Com. A. V. Wadhams. |
|-----------------|-----------------|---------------|--|-----------------|---------------------|

RECEIVING SHIPS.—Columbia, Capt. A. S. Snow, Navy-Yard, New York; Constellation, Newport, R. I.; Franklin, Capt. C. M. Thomas, Navy-Yard, Norfolk; Hancock, Lt.-Com. F. W. Coffin, Navy-Yard, Mare Island; Independence, Capt. F. W. Dickins, Navy-Yard, Mare Island; Newport, Lt.-Com. E. H. Tillman, New London; Nipsic, Lt.-Com. F. M. Bostwick, Puget Sound; Pensacola, Com. J. F. Moser, Yerba Buena Island, Cal.; Minneapolis, Capt. C. F. Goodrich, Navy-Yard, League Island; Restless, Lieut. J. F. Marshall, Norfolk; Richmond, Com. F. E. Sawyer, Norfolk; Santee, Com. G. L. Dyer, Naval Academy, Annapolis; Siren, Lieut. A. Crenshaw, Norfolk, Va.; Washash, Capt. G. W. Pigman, Boston.

FISH COMMISSION SHIPS.—Albatross, Com. Channey Thomas; Fishhawk, Btzn. J. A. Smith.

\* Com.'s stands for Commander in all cases in this list.

## Diplomatic and Consular Service.

## AMBASSADORS EXTRAORDINARY AND PLENIPOTENTIARY.

| Country.       | Name and State.         | Salary.  | Country. | Name and State.           | Salary.  |
|----------------|-------------------------|----------|----------|---------------------------|----------|
| Aust.-Hungary. | Bellamy Storer, Ohio.   | \$12,000 | Italy    | George V. L. Meyer, Mass. | \$12,000 |
| France         | Horace Porter, N. Y.    | 17,500   | Mexico   | Powell Clayton, Ark.      | 17,500   |
| Germany        | Charlemagne Tower, Pa.  | 17,500   | Russia   | Robert S. McCormick, Ill. | 17,500   |
| Great Britain  | Joseph H. Choate, N. Y. | 17,500   |          |                           |          |

## ENVOYS EXTRAORDINARY AND MINISTERS PLENIPOTENTIARY.

|                |                              |          |                      |                          |         |
|----------------|------------------------------|----------|----------------------|--------------------------|---------|
| Argentina Rep. | William P. Lord, Ore.        | \$10,000 | Korea                | Horace N. Allen, Ohio.   | \$7,500 |
| Belgium        | Laurence Townsend, Pa.       | 10,000   | Netherlands          | Stanford Newell, Minn.   | 10,000  |
| Bolivia        | William B. Sorsby, Miss.     | 7,500    | Nicaragua            | William L. Merry, Cal.   | 10,000  |
| Brazil         | David E. Thompson, Neb.      | 12,000   | Paraguay and Uruguay | William R. Finch, Wis.   | 7,500   |
| Chile          | Henry L. Wilson, Wash.       | 10,000   | Persia               | Lloyd C. Griscom, Pa.    | 5,000   |
| China          | Edwin H. Conger, Iowa.       | 12,000   | Peru                 | Irving B. Dudley, Cal.   | 10,000  |
| Colombia       | Charles Burdett Hart, W. Va. | 10,000   | Portugal             | Francis B. Loomis, Ohio. | 7,500   |
| Cuba           | Herbert G. Squires, N. Y.    | 12,000   | Spain                | Arthur S. Hardy, N. H.   | 12,000  |
| Denmark        | Laurits S. Swenson, Minn.    | 7,500    | Sweden and Norway    | Wm. W. Thomas, Jr., Me.  | 7,500   |
| Ecuador        | Archibald J. Sampson, Ariz.  | 7,500    | Switzerland          | Charles Page Bryan, Ill. | 7,500   |
| Greece         | John B. Jackson, N. J.       | 6,500    | Turkey               | John G. A. Leishman, Pa. | 10,000  |
| Guatemala      | Leslie Coombs, Ky.           | 10,000   | Venezuela            | Herbert W. Bowen, N. Y.  | 10,000  |
| Haiti          | Wm. F. Powell, N. J.         | 7,500    |                      |                          |         |
| Japan          | Vacant                       | 12,000   |                      |                          |         |

## MINISTERS RESIDENT AND CONSULS-GENERAL.

|         |                         |         |      |                      |         |
|---------|-------------------------|---------|------|----------------------|---------|
| Liberia | J. R. A. Crossland, Mo. | \$4,000 | Siam | Hamilton King, Mich. | \$7,500 |
|---------|-------------------------|---------|------|----------------------|---------|

## SECRETARIES OF EMBASSIES AND LEGATIONS.

|                |                                 |         |           |                                  |         |
|----------------|---------------------------------|---------|-----------|----------------------------------|---------|
| Argentina Rep. | Edward W. Ames, Mass.           | \$1,800 | Italy     | Lewis M. Iddings, N. Y.          | \$2,625 |
| Aust.-Hungary  | Chandler Hale, Me.              | 2,250   | Italy     | R. C. Parsons, Jr., O. (2d sec.) | 2,000   |
| Brazil         | Thomas C. Dawson, Iowa.         | 1,800   | Japan     | Huntington Wilson, Ill.          | 2,625   |
| Chile          | Norman Hutchinson, Cal.         | 1,800   | Japan     | J. M. Ferguson, Pa. (2d sec.)    | 1,800   |
| China          | J. G. Coolidge, Mass.           | 2,625   | Korea     | Gordon Paddock, N. Y.            | 1,500   |
| China          | W. E. Bainbridge, Ia. (2d sec.) | 1,800   | Mexico    | Fenton R. McCreery, Mich.        | 2,625   |
| Colombia       | Arthur M. Beaupré, Ill.         | 2,000   | Mexico    | Wm. Heimke, N. Y. (2d sec.)      | 2,000   |
| France         | Henry Vignaud, La.              | 2,625   | Nicaragua | Rufus A. Lane, Cal.              | 1,800   |
| France         | A. B. Blanchard, Ia. (2d sec.)  | 2,000   | Peru      | Richard R. Keill, Pa.            | 1,800   |
| France         | Peter A. Jay, N. Y. (3d sec.)   | 1,200   | Russia    | John W. Riddle, Minn.            | 2,625   |
| Germany        | H. Percival Dodge, Mass.        | 2,625   | Russia    | M. Schuyler, Jr. N. Y. (2d sec.) | 2,000   |
| Germany        | R. S. R. Hitt, Ill. (2d sec.)   | 2,000   | Spain     | Stanton Sicles, N. Y.            | 1,800   |
| Great Britain  | Henry White, R. I.              | 2,625   | Turkey    | Spencer F. Eddy, Ill.            | 1,800   |
| Great Britain  | John R. Carter, Md. (2d sec.)   | 2,000   | Turkey    | P. M. Brown, Mass. (2d sec.)     | 1,600   |
| Guatemala      | James G. Bailey, Ky.            | 1,800   | Venezuela | Wm. W. Russell, Md.              | 1,800   |

## CONSULAR SERVICE.

C. G., Consul-General; C., Consul; V. C., Vice-Consul; D. C., Deputy Consul; C. A., Commercial Agent; Axt., Consular Agent.

There are about 750 consular representatives of the United States of the several grades abroad. Those at the principal places in the world are given here. Where there are a consul and vice or deputy consul at the same place only the consul is given.

|                            |                                 |         |                               |                                  |         |
|----------------------------|---------------------------------|---------|-------------------------------|----------------------------------|---------|
| <i>Argentine Republic.</i> |                                 |         | Nankin                        | William Martin, N. Y., C.        | \$3,000 |
| Buenos Ayres               | Daniel Mayer, W. Va., C.        | \$2,500 | Niuchwang                     | Henry B. Miller, Ore., C.        | 3,000   |
| Cordoba                    | John M. Thome, Pa., V. C.       | Fees.   | Shanghai                      | John Goodnow, Minn., C. G.       | 5,000   |
| Rosario                    | James M. Avers, Ohio, C.        | 1,500   | Tientsin                      | James W. Ragsdale, Cal., C.      | 3,500   |
| <i>Austria-Hungary.</i>    |                                 |         | <i>Colombia.</i>              |                                  |         |
| Buda-Pesth                 | Frank D. Chester, Mass., C.     | Fees.   | Barranquilla                  | George W. Colvig, Ore., C.       | 2,000   |
| Carlsbad                   | John S. Twells, Pa., C. A.      | Fees.   | Bogota                        | Arthur M. Beaupré, Ill., C. G.   | 2,000   |
| Prague                     | Ethelbert Watts, Pa., C.        | 3,000   | Cartagena                     | John C. Ingersoll, Ill., C.      | 1,500   |
| Reichenberg                | S. C. McFarland, Iowa, C.       | 2,500   | Colon                         | Oscar Malmros, Minn., C.         | 3,000   |
| Trieste                    | F. W. Hossfeld, Iowa, C.        | 2,000   | Medellin                      | Vacant, C.                       | Fees.   |
| Vienna                     | Carl Bailey Hurst, D. C., C. G. | 3,500   | Panama                        | Hezek. A. Gudger, N. C., C. G.   | 4,000   |
| <i>Belgium.</i>            |                                 |         | <i>Costa Rica.</i>            |                                  |         |
| Antwerp                    | George F. Lincoln, Ct., C. G.   | 3,500   | San José                      | John C. Caldwell, Kan., C.       | 2,000   |
| Brussels                   | George W. Roosevelt, Pa., C.    | 2,500   | <i>Cuba.</i>                  |                                  |         |
| Ghent                      | Frank R. Mowrer, Ohio, C.       | 2,000   | Cienfuegos                    | Max J. Baehr, Neb., C.           | 3,000   |
| Liege                      | James C. McNally, Pa., C.       | 2,000   | Havana                        | Wm. A. Rublee, Wis., C. G.       | 5,000   |
| <i>Bolivia.</i>            |                                 |         | Santiago                      | Ross E. Holaday, Ohio, C.        | 3,000   |
| La Paz                     | Vacant, V. C.                   | Fees.   | <i>Denmark and Dominions.</i> |                                  |         |
| <i>Brazil.</i>             |                                 |         | Copenhagen                    | John C. Freeman, Wis., C.        | 2,000   |
| Bahia                      | Henry W. Furniss, Ind., C.      | 2,500   | St. Thomas                    | Mahlon Van Horne, R. I., C.      | 2,500   |
| Para                       | K. K. Kennedy, Miss., C.        | 3,000   | <i>Dominican Republic.</i>    |                                  |         |
| Pernambuco                 | William L. Sewell, Ohio, C.     | 3,000   | Puerto Plata                  | Thomas Simpson, R. I., C.        | Fees.   |
| Rio de Janeiro             | Eugene Seeger, Ill., C. G.      | 5,000   | Samana                        | Jean M. Villain, D. R., V. C. A. | Fees.   |
| Santos                     | Jesse H. Johnson, Tex., C.      | 3,000   | San Domingo                   | C. L. Maxwell, Ohio, C. G.       | 2,000   |
| <i>Chile.</i>              |                                 |         | <i>Ecuador.</i>               |                                  |         |
| Arica                      | John W. Lutz, Ohio, C.          | Fees.   | Guayaquil                     | Vacant, C. G.                    | 3,000   |
| Iquique                    | Charles S. Winans, Mich., C.    | Fees.   | <i>France and Dominions.</i>  |                                  |         |
| Valparaiso                 | Robert F. Mansfield, Ind., C.   | 3,000   | Algiers, Africa               | Daniel S. Kidder, Fla., C.       | 1,500   |
| <i>China.</i>              |                                 |         | Bordeaux                      | Albion W. Tourgée, N. Y., C.     | 3,000   |
| Amoy                       | John H. Fesler, Col., C.        | 3,500   | Boulogne-sur-mer              | William Hale, N. C., Agt.        | ....    |
| Canton                     | Robert M. McVade, Pa., C.       | 3,500   | Brest                         | A. Pitel, France, Agt.           | ....    |
| Chefoo                     | John Fowler, Mass., C.          | 3,000   | Calais                        | James B. Milner, Ind., C.        | 2,000   |
| Foochow                    | Samuel L. Gracey, Mass., C.     | 3,000   | Cannes                        | Jean B. Cognet, Fr., Agt.        | ....    |
| Hankow                     | Levi S. Wilcox, Ill., C.        | 3,000   |                               |                                  |         |

\* Also accredited to Roumania and Servia.

† Also accredited to Honduras.

‡ Also accredited to Costa Rica and Salvador

§ Also *Charge d'affaires* to San Domingo.

¶ Also Secretary of Legation at Costa Rica and Salvador.

## DIPLOMATIC AND CONSULAR SERVICE—Continued.

|                                     |                                               |                                                           |                                          |
|-------------------------------------|-----------------------------------------------|-----------------------------------------------------------|------------------------------------------|
| Cette.....                          | Carl D. Hagelin, Fr., Agt. ....               | Birmingham.....                                           | Marshal Halstead, N. Y., C. \$2,500      |
| Cherbourg.....                      | Henry J. E. Hainneville,<br>France, Agt. .... | Bloemfontein.....                                         | Vacant, Agt. ....                        |
| Dieppe.....                         | Raoul le Bourgeois, Fr., Agt.                 | Bombay, India.....                                        | William T. Fee, Ohio, C. .... 2,000      |
| Dijon.....                          | Charles Laureau, Fr., Agt. ....               | Bradford, Eng.....                                        | Erastus Sheldon Day, Ct., C. .... 3,000  |
| Gorée - Dakar,<br>Africa.....       | Peter Strickland, Ct., C. .... Fees.          | Bristol, Eng.....                                         | Lorin A. Lathrop, Cal., C. .... 1,500    |
| Grenoble.....                       | Charles P. H. Nason, Pa., C. .... \$1,500     | Brockville, Ont. E. S. Hotchkiss, Wis., C. .... 1,500     |                                          |
| Guadel'pe, W. I.....                | Louis H. Ayme, Ill., C. .... 1,500            | Calcutta, India, R. F. Patterson, Tenn., C. G. .... 5,000 |                                          |
| Havre.....                          | A. M. Thackara, Pa., C. .... 3,500            | Campb'tn, N. B. Jas. S. Benedict, N. Y., C. A. .... Fees. |                                          |
| Honfleur.....                       | Henry M. Hardy, Fr., Agt. ....                | Cape Town.....                                            | W. R. Bigham, Kan., C. G. .... 3,000     |
| La Rochelle.....                    | George H. Jackson, Ct., C. .... 1,500         | Cardiff, Wales.....                                       | Daniel T. Phillips, Ill., C. .... 2,000  |
| Lille.....                          | Chris. J. King, R. I., Agt. ....              | Ceylon.....                                               | William Morey, Me., C. .... 1,500        |
| Limoges.....                        | Walter T. Griffin, N. Y., C. A. .... 1,500    | Charlottetown,<br>P. E. I.....                            | Delmar J. Vail, Vt., C. .... 1,500       |
| Lyons.....                          | John C. Covert, Ohio, C. .... 3,000           | Chatham, Ont.....                                         | Chas. E. Monteith, Idaho, C. .... 2,000  |
| Marseilles.....                     | Robert P. Skinner, Ohio, C. G. .... 2,500     | Coaticook, Que.....                                       | Franklin D. Hale, Vt., C. .... 1,500     |
| Mart'que, W. I.....                 | John F. Jewell, Ill., C. .... 1,500           | Collingwood,<br>Ont.....                                  | William Small, D. C., C. .... 2,000      |
| Monaco.....                         | Emile de Loth, Monaco, Agt. ....              | Cork, Queenst.....                                        | Daniel Swiney, Ohio, C. .... 2,000       |
| Nantes.....                         | Benj. H. Ridgely, Ky., C. .... 1,500          | Dawson, N. W.<br>Ter.....                                 | Henry D. Saylor, Pa., C. .... 3,000      |
| Nice.....                           | Harold S. Van Buren, N. J., C. .... 1,500     | Demerara.....                                             | George H. Moulton, Col., C. .... 3,000   |
| Noumea, N. C.....                   | G. M. Colvocoresses, Ct., C. A. .... Fees.    | Dover.....                                                | Francis W. Prescott, Agt. ....           |
| Paris.....                          | John K. Gowdy, Ind., C. G. .... 5,000         | Dublin.....                                               | Rufus Waterman, R. I., C. .... 2,000     |
| Paris.....                          | E. P. MacLean, N. Y., D. C. G. ....           | Dunee.....                                                | John C. Higgins, Agt. .... 2,500         |
| Paris.....                          | J. Allison Bowen, Ill., D. C. G. ....         | Dunfermline.....                                          | John N. McCune, Wis., C. .... 2,000      |
| Rennes.....                         | Ernest Foliard, France, Agt. ....             | Durban, Natal.....                                        | A. H. Rennie, Natal, Agt. ....           |
| Rhelnis.....                        | Wm. A. Prickett, N. J., C. .... 2,000         | Edinburgh.....                                            | Rufus Fleming, Ohio, C. .... 2,500       |
| Roubaix.....                        | Wm. P. Atwell, D. C., C. .... 2,000           | Falmouth.....                                             | Howard Fox, England, C. .... Fees.       |
| Rouen.....                          | Thornwell Haynes, S. C., C. .... Fees.        | Fort Erie, Ont.....                                       | Horace J. Harvey, N. Y., C. .... 1,500   |
| Saigon, Cochin<br>China.....        | E. Schneegans, Saigon, C. A. .... Fees.       | Gaspé Basin,<br>Que.....                                  | Almar F. Dickson, Mass, C. .... 1,000    |
| St. Etienne.....                    | Hilary S. Brunot, France, C. .... 2,000       | Gibraltar.....                                            | Richard L. Sprague, C. .... 1,500        |
| St. Nazaire.....                    | Thos. Sankey, France, Agt. ....               | Glasgow.....                                              | Samuel M. Taylor, Ohio, C. .... 3,000    |
| St. Pierre.....                     | C. M. Freeman, N. H., C. A. .... 1,500        | Goderich, Ont.....                                        | John H. Shirley, Ill., C. A. .... 1,500  |
| Tahiti, Society<br>Islands.....     | William F. Doty, N. Y., C. .... 1,000         | Guelph, Ont.....                                          | Charles N. Daly, N. J., C. .... 1,500    |
| Tamatave, Mad-<br>agascar.....      | William H. Hunt, N. Y., C. .... 2,000         | Halifax, N. S.....                                        | John G. Poster, Vt., C. G. .... 3,500    |
| Toulon.....                         | Benj. A. Jouve, France, Agt. ....             | Hamilton, Ber.....                                        | W. Maxwell Greene, R. I., C. .... 2,000  |
| <i>Germany.</i>                     |                                               | Hamilton, Ont.....                                        | Jas. M. Shepard, Mich., C. .... 2,000    |
| Aix la Chapelle.....                | Frank M. Brundage, Pa., C. .... 2,500         | Hobart, Tasm.....                                         | Alex. G. Webster, Tasm., C. .... Fees.   |
| Annaberg.....                       | John F. Winter, Ill., C. .... 2,500           | Hong Kong.....                                            | Edw. S. Bragg, Wis., C. G. .... 5,000    |
| Apia, Samoa.....                    | George E. Helmrod, C. G. .... 3,000           | Huddersfield.....                                         | Benjamin F. Stone, Ohio, C. .... 2,500   |
| Bamberg.....                        | William Bardel, N. Y., C. A. .... 2,000       | Hull, Eng.....                                            | William P. Smyth, Mo., C. .... 1,500     |
| Barmen.....                         | Max Boucsein, Ill., C. .... 3,000             | Kimberley, S. A.....                                      | Gardner Williams, Agt. ....              |
| Berlin.....                         | Frank H. Mason, Ohio, C. G. .... 2,500        | Kingston, Jam.....                                        | Geo. H. Bridgman, N. J., C. .... 3,000   |
| Bremen.....                         | H. W. Diederich, D. C., C. .... 2,500         | Kingston, Ont.....                                        | Marsh. H. Twitchell, La., C. .... 1,500  |
| Breslau.....                        | Ernest A. Man, Fla., C. .... 1,500            | Leeds.....                                                | Lewis Dexter, R. I., C. .... 2,000       |
| Brunswick.....                      | Talbot J. Albert, Md., C. .... 2,500          | Liverpool.....                                            | James Boyle, Ohio, C. .... 5,000         |
| Chemnitz.....                       | Joseph F. Monaghan, R. I., C. .... 2,500      | Londonderry.....                                          | P. T. Rodger, Ireland, Agt. ....         |
| Coburg.....                         | Oliver J. D. Hughes, Ct., C. G. .... 2,500    | Limerick.....                                             | Edmund Ludlow, Agt. ....                 |
| Cologne.....                        | Charles E. Barnes, Ill., C. .... 2,500        | London.....                                               | Hy. Clay Evans, Tenn., C. G. .... 5,000  |
| Crefeld.....                        | Thos. R. Wallace, Iowa, C. .... 2,000         | London.....                                               | R. Westacott, Mass., V. C. G. ....       |
| Dantzic.....                        | Philip Albrecht, Ger., Agt. ....              | London.....                                               | F. W. Frigout, Eng., D. C. G. ....       |
| Dresden.....                        | Charles L. Cole, Pa., C. G. .... 3,000        | Madras.....                                               | Theo. P. Cabot, Mass., Agt. ....         |
| Düsseldorf.....                     | Peter Lieber, Ind., C. .... 2,000             | Malta.....                                                | John H. Groat, Mass., C. .... 2,000      |
| Frankfort.....                      | Richard Guenther, Wis., C. G. .... 3,000      | Manchester.....                                           | Wm. F. Grinnell, N. Y., C. .... 3,000    |
| Freiburg, Baden.....                | E. Theophilus Liefeld, Ct., C. .... 2,000     | Melbourne.....                                            | John P. Bray, N. Dak., C. G. .... 4,500  |
| Glauchau.....                       | Edward A. Creevey, Ct., C. .... 2,000         | Moncton, N. B.....                                        | G. Beutelspacher, O., C. A. .... Fees.   |
| Hamburg.....                        | Hugh Pitcairn, Pa., C. .... 2,500             | Montreal.....                                             | John L. Bittinger, Mo., C. G. .... 4,000 |
| Hanover.....                        | Jay White, Mich., C. .... 1,500               | Nassau, N. P.....                                         | Thomas J. McLain, Ohio, C. .... 2,000    |
| Kehl.....                           | Joseph I. Brittain, O., C. .... 2,000         | Newcastle-on-<br>Tyne.....                                | Horace W. Metcalf, Me., C. .... 2,000    |
| Leipsic.....                        | B. H. Warner, Jr., Md., C. .... 2,000         | Newcastle, N.<br>S. W.....                                | Frederick W. Goding, Ill., C. .... Fees. |
| Magdeburg.....                      | W. A. McKellip, Md., C. .... 2,000            | Niagara Falls,<br>Ont.....                                | Harlan W. Brush, N. Y., C. .... 1,500    |
| Malnz.....                          | Walter Schumann, N. Y., C. .... 2,000         | Nottingham.....                                           | Frank W. Mahin, Iowa, C. .... 3,000      |
| Mannheim.....                       | Heaton W. Harris, O., C. .... 2,000           | Ottawa, Ont.....                                          | Charles E. Turner, Ct., C. G. .... 4,000 |
| Munich.....                         | James H. Worman, N. Y., C. .... 2,000         | Plymouth.....                                             | Joseph G. Stephens, Ind., C. .... Fees.  |
| Nuremberg.....                      | George E. Baldwin, Ohio, C. .... 3,000        | Port Hope, Ont.....                                       | Harry P. Dill, Me., C. .... 1,500        |
| Plaue.....                          | Thomas W. Peters, D. C., C. .... 2,500        | Port Louis, Mau-<br>ritius.....                           | John P. Campbell, Cal., C. .... 2,000    |
| Sollingen.....                      | Jos. J. Langer, Neb., C. .... 2,000           | Pt. Sarnia, Ont.....                                      | Neal McMillan, Mich., C. .... 1,500      |
| Stettin.....                        | John E. Kebl, Ohio, C. .... 1,500             | Portsmouth.....                                           | William J. Main, Eng., Agt. ....         |
| Stuttgart.....                      | Edward H. Ozmun, Minn., C. .... 2,500         | Pt. Stanley, F. I.....                                    | John E. Rowen, Iowa, C. .... 1,500       |
| Weimar.....                         | Thos. Ewing Moore, D. C., C. .... 2,000       | Prescott, Ont.....                                        | George B. Anderson, D. C., C. .... 1,500 |
| Zittau.....                         | Hugo Muench, Mo., C. .... 1,500               | Pretoria, S. A.....                                       | Joseph E. Proffit, W. Va., C. .... 3,000 |
| <i>Great Britain and Dominions.</i> |                                               | Quebec.....                                               | William W. Henry, Vt., C. .... 3,000     |
| Aberdeen.....                       | Andrew Murray, Scot., Agt. ....               | St. Christopher.....                                      | Joseph Haven, Ill., C. A. .... 1,500     |
| Aden, Arabia.....                   | E. S. Cunningham, Tenn., C. .... 1,500        | St. Helena.....                                           | Robert P. Pooley, N. Y., C. .... 2,000   |
| Amherstburg,<br>Ont.....            | C. W. Martin, Mich., C. .... 1,500            | St. John, N. B.....                                       | Ira B. Myers, Ind., C. .... 2,000        |
| Antigua, W. I.....                  | George Sawyer, N. Y., C. .... 1,500           | St. John's, N. F.....                                     | George O. Cornelius, Pa., C. .... 2,000  |
| Auckland, N. Z.....                 | Frank Dillingham, Cal., C. .... 2,000         | St. John's, Que.....                                      | Charles Deal, N. Y., C. .... 1,500       |
| Barbados, W. I.....                 | Sam. A. Macallister, Del., C. .... 2,500      | St. Steph'n, N. B.....                                    | Chas. A. McCulloch, Me., C. .... 1,500   |
| Belfast, Ire.....                   | Wm. W. Touvelle, Ohio, C. .... 3,000          | St. Thomas, Ont.....                                      | Michael J. Burke, Ill., C. .... 2,000    |
| Belize, Hond.....                   | William L. Avery, Mont., C. .... 2,000        |                                                           |                                          |
| Belleville, Ont.....                | Mich'l J. Hendrick, N. Y., C. .... Fees.      |                                                           |                                          |

## DIPLOMATIC AND CONSULAR SERVICE—Continued.

|                           |                                            |         |  |
|---------------------------|--------------------------------------------|---------|--|
| Sheffield.....            | Church Howe, Neb., C.....                  | \$2,500 |  |
| Sherbrooke, Que.          | Paul Lang, N. H., C.....                   | 2,000   |  |
| Sierra Leone.....         | John T. Williams, N. C., C.....            | 1,500   |  |
| Singapore.....            | Oscar F. Williams, N. Y., C.G.             | 3,000   |  |
| Southampton.....          | John E. Hopley, Ohio, C.....               | 2,500   |  |
| St. Lucia, W. I.          | William Peter, Agt.....                    |         |  |
| Stratford, Ont.....       | August G. Seyfert, Pa., C.....             | 1,500   |  |
| St. Vincent, W. I.        | Ernest A. Richards, Agt.....               |         |  |
| Suva, Fiji.....           | Leslie E. Brown, Fiji, C. A. Fees.         |         |  |
| Swansea, Wales.           | Griffith W. Pries, Wis., C.....            | 2,500   |  |
| Sydney, N. S.....         | George N. West, D. C., C.....              | 1,500   |  |
| Sydney, N. S. W.          | Orlando H. Baker, C.....                   | 2,000   |  |
| Three Rivers.....         | Urban J. LeDoux, Me., C.....               | 2,000   |  |
| Toronto, Ont.....         | Edwin N. Gonsaulus, O., C.....             | 2,000   |  |
| Trinidad, W. I.           | Alvin Smith, Ohio, C.....                  | 2,000   |  |
| Vancouver, B. C.          | L. Edwin Lindley, Mass., C.....            | 2,000   |  |
| Victoria, B. C.           | Abraham E. Smith, Ill., C.....             | 2,500   |  |
| Wellingt'n, N. Z.         | John Duncan, Agt.....                      |         |  |
| Windsor, N. S.            | Joseph T. Hoke, W. Va., C.....             | 1,000   |  |
| Windsor, Ont.....         | Hugh C. Morris, Mich., C.....              | 1,500   |  |
| Winnipeg, Man.            | Wm. H. H. Graham, Ind., C.....             | 1,500   |  |
| Wood's k, N. B.           | Frank C. Denison, Vt., C.....              | 1,500   |  |
| Yarmouth, N. S.           | Martin J. Carter, Pa., C.....              | 1,500   |  |
|                           | <i>Greece.</i>                             |         |  |
| Athens.....               | Daniel E. McGinley, Wis., C.....           | 2,500   |  |
| Patras.....               | Frank W. Jackson, Pa., C.....              | 1,000   |  |
|                           | <i>Guatemala.</i>                          |         |  |
| Guatemala.....            | Alf'd A. Winslow, Ind., C.G.               | 2,000   |  |
|                           | <i>Hayti.</i>                              |         |  |
| Aux Cayes.....            | H. E. Roberts, Hayti, Agt.....             |         |  |
| Cape Haytien.....         | Lem. W. Livingston, Fla., C.....           | 1,000   |  |
| Jacmel.....               | Hugo Jensen, Ger., Agt.....                |         |  |
| Port au Prince.           | John B. Terres, Hayti, V. C.G. Fees.       |         |  |
|                           | <i>Honduras.</i>                           |         |  |
| Tegucigalpa.....          | Alfred K. Moe, N. J., C.....               | 2,000   |  |
| Utilla.....               | John B. Richardson, Kan., C.....           | 1,000   |  |
|                           | <i>Italy.</i>                              |         |  |
| Bologna.....              | Carlo Gardini, Italy, Agt.....             |         |  |
| Catania.....              | Alex. Heingartner, Ohio, C.....            | 1,500   |  |
| Civita Vecchia.           | James B. Ingle, Italy, Agt.....            |         |  |
| Florence.....             | Edward C. Cramer, Wis., C.....             | 1,500   |  |
| Genoa.....                | R. P. Pearson, N. C., C.....               | 2,000   |  |
| Leghorn.....              | James A. Smith, Vt., C.....                | 2,000   |  |
| Messina.....              | Charles M. Caughy, Md., C.....             | 1,500   |  |
| Milan.....                | William Jarvis, N. H., C.....              | 2,000   |  |
| Naples.....               | A. Homer Byington, Ct., C.....             | 2,000   |  |
| Palermo.....              | James Johnston, N. J., C.....              | 2,000   |  |
| Rome.....                 | Hector de Castro, N. Y., C.G.              | 3,000   |  |
| San Remo.....             | Albert Ameglio, Agt.....                   |         |  |
| Sorrento.....             | Fran. Ciampa, Italy, Agt.....              |         |  |
| Turin.....                | Pietro Cuneo, Ohio, C.....                 | 1,000   |  |
| Venice.....               | Henry A. Johnson, D. C., C.....            | 1,500   |  |
|                           | <i>Japan.</i>                              |         |  |
| Nagasaki.....             | Charles B. Harris, Ind., C.....            | 3,000   |  |
| Osaka & Hiogo.            | Samuel S. Lyon, N. J., C.....              | 3,000   |  |
| Tamsui, Formo.            | Jas. W. Davidson, Minn., C.....            | 1,500   |  |
| Yokohama.....             | E. C. Bellows, Wash. C.G.                  | 4,000   |  |
|                           | <i>Korea.</i>                              |         |  |
| Seoul.....                | G. Padcock, N. Y., V. & D. C.G.            | 1,500   |  |
|                           | <i>Liberia.</i>                            |         |  |
| Monrovia.....             | J. R. A. Crossland, Mo., C. G.             | 4,000   |  |
|                           | <i>Mexico.</i>                             |         |  |
| Acapulco.....             | Geo. W. Dickinson, N. Y., C.....           | 2,000   |  |
| Ciudad Juarez.....        | William W. Mills, Tex., C.....             | 2,000   |  |
| Ciudad Porfirio Diaz..... | Lewis A. Martin, W. Va., C.....            | 2,000   |  |
| Durango.....              | Charles H. Ebert, Ill., C.....             | 1,500   |  |
| Matamoras.....            | P. Merrill Griffith, Ohio, C.....          | 1,500   |  |
| Mazatlan.....             | Louis Kaiser, Ill., C.....                 | 2,000   |  |
| Mexico.....               | Andrew D. Barlow, Mo., C.G.                | 4,000   |  |
| Monterey.....             | Philip C. Hanna, Iowa, C. G.               | 2,500   |  |
| Nuevo Laredo.             | Alonzo B. Garrett, W. Va., C.....          | 2,000   |  |
| Progreso.....             | E. H. Thompson, Mass., C.....              | 1,500   |  |
| Saltillo.....             | Thomas N. Jeffries, V. C.....              | Fees.   |  |
| Tampico.....              | Samuel E. Magill, Ill., C.....             | 2,000   |  |
| Vera Cruz.....            | William W. Canada, Ind., C.....            | 3,000   |  |
|                           | <i>Morocco.</i>                            |         |  |
| Tangier.....              | S. R. Gummere, N. J., C. G.                | 2,000   |  |
|                           | <i>Netherlands and Dominions.</i>          |         |  |
| Amsterdam.....            | Frank D. Hill, Minn., C.....               | 2,000   |  |
| Batavia, Java.....        | B. S. Raiden, Me., C.....                  | 1,000   |  |
| Curacao, W. I.            | Elias H. Cheney, N. H., C.....             | 2,000   |  |
| Rotterdam.....            | Soren Listoe, Minn., C.....                | 2,500   |  |
| St. Martin, W. I.         | Dederic C. Van Romondt, St. Martin, C..... | Fees.   |  |
|                           | <i>Nicaragua.</i>                          |         |  |
| Managua.....              | Chester Donaldson, N. Y., C.....           | \$2,000 |  |
| San Juan del Norte.....   | A. L. M. Gottschalk, C.....                | 2,500   |  |
|                           | <i>Paraguay.</i>                           |         |  |
| Asuncion.....             | John N. Ruffin, Tenn., C.....              | 1,500   |  |
|                           | <i>Persia.</i>                             |         |  |
| Teheran.....              | John Tyler, Persia, V. C. G. Fees.         |         |  |
|                           | <i>Peru.</i>                               |         |  |
| Callao.....               | Chas. V. Hendriska, D. C., C.....          | 3,500   |  |
|                           | <i>Portugal and Dominions.</i>             |         |  |
| Fayal.....                | M. Benarus, Azores, Agt.....               |         |  |
| Funchal, Mad.....         | Thomas C. Jones, Ky., C.....               | 1,500   |  |
| Lisbon.....               | Jacob H. Thieriot, N. Y., C. Fees.         |         |  |
| Lourenzo Mar.....         | W. Stanley Hollis, Mass., C.....           | 2,500   |  |
| Oporto.....               | William Stuve, Port. Agt.....              |         |  |
| St. Michael's.....        | Geo. H. Pickrell, Ohio, C.....             | 1,500   |  |
| St. Vincent.....          | J. B. Guimares, C. V. I., Agt.....         |         |  |
|                           | <i>Roumania.</i>                           |         |  |
| Bucharest.....            | W. G. Boxshall, Rou., V. C. G. Fees.       |         |  |
|                           | <i>Russia.</i>                             |         |  |
| Batum.....                | Jas. C. Chambers, N. Y., C.....            | Fees.   |  |
| Cronstadt.....            | Peter Wigius, Agt.....                     |         |  |
| Helsingfors.....          | Victor Ek, Russia, V. C.....               | Fees.   |  |
| Moscow.....               | Samuel Smith, N. J., C.....                | 2,000   |  |
| Odessa.....               | Thos. E. Heenan, Minn., C.....             | 2,500   |  |
| Riga.....                 | N. P. A. Bornholdt, Russia, C.....         | 1,000   |  |
| St. Petersburg.....       | Wm. R. Holloway, Ind. C.G.                 | 3,000   |  |
| Vladivostock.....         | Rich. T. Greener, N. Y., C. A.             | 2,500   |  |
| Warsaw.....               | Hernando de Soto, Cal., V. C. Fees.        |         |  |
|                           | <i>Salvador.</i>                           |         |  |
| San Salvador.....         | John Jenkins, Neb., C.....                 | 2,000   |  |
|                           | <i>Servia.</i>                             |         |  |
| Belgrade.....             | C. Vögeli, Servia, C. V. G. Fees.          |         |  |
|                           | <i>Siam.</i>                               |         |  |
| Bangkok.....              | Hamilton King, Mich., C. G.                | 7,500   |  |
|                           | <i>Spain and Dominions.</i>                |         |  |
| Alicante.....             | H. W. Carey, Spain, V. C.....              | Fees.   |  |
| Barcelona.....            | Julius G. Lay, D. C., C. G.....            | 3,000   |  |
| Bilbao.....               | Carlos Yensen, Spain, Agt.....             |         |  |
| Cadiz.....                | John Howell Carroll, Md., C.....           | 1,500   |  |
| Carthazena.....           | Joseph Bowron, Spain, C.....               | Fees.   |  |
| Corunna.....              | Julius Harmony, N. Y., C.....              | Fees.   |  |
| Madrid.....               | Dean R. Wood, N. Y., V. C.....             | Fees.   |  |
| Malaga.....               | David R. Birci, N. Y., C.....              | 1,500   |  |
| Seville.....              | Walter Saberton, Spain, Agt.....           |         |  |
| Teneriffe.....            | Solomon Berluer, N. Y., C.....             | 1,500   |  |
| Valencia.....             | R. M. Bartleman, Mass., C.....             | 1,500   |  |
|                           | <i>Sweden and Norway.</i>                  |         |  |
| Bergen.....               | Victor E. Nelson, Cal., C.....             | Fees.   |  |
| Christiania.....          | Henry Bordewich, Minn., C.....             | 2,000   |  |
| Gothenburg.....           | Robt. S. Bergh, N. Dak., C.....            | 1,500   |  |
| Stockholm.....            | Edw. L. Adams, N. Y., C. G.                | 1,500   |  |
|                           | <i>Switzerland.</i>                        |         |  |
| Aarau.....                | Jos. F. Voltz, Switz., Agt.....            |         |  |
| Basel.....                | George Gifford, Me., C.....                | 3,000   |  |
| Berne.....                | A. L. Frankenthal, Mass., C.....           | 2,000   |  |
| Geneva.....               | H. L. Washington, D. C., C.....            | 2,000   |  |
| St. Gall.....             | Jas. I. McCallum, D. C., C. G.             | 3,000   |  |
| Vevay.....                | Wm. Cuenod, Switz., Agt.....               |         |  |
| Zurich.....               | Adam Lieberknecht, Ill., C.....            | 2,500   |  |
|                           | <i>Turkey and Dominions.</i>               |         |  |
| Alexandretta.....         | Wm. Ross Davis, Ohio, C.....               | 1,500   |  |
| Alexandria.....           | James Hewat, Egypt, Agt.....               |         |  |
| Beirut, Syria.....        | Gab. Bie Ravndal, S. Dak., C.....          | 2,000   |  |
| Cairo.....                | John G. Long, Fla., C. G.....              | 5,000   |  |
| Constantinople.....       | N. M. Dickinson, N. Y., C.G.               | 5,000   |  |
| Damascus.....             | Nasif Meshaka, Syria, Agt.....             |         |  |
| Erzeroum.....             | Leo Bergholz, N. Y., C.....                | 2,000   |  |
| Jerusalem.....            | Selach Merrill, Mass., C.....              | 2,500   |  |
| Port Said.....            | Harry Broadbent, Agt.....                  |         |  |
| Salonica.....             | P. H. Lazzaro, Agt.....                    |         |  |
| Smyrna.....               | Rufus W. Lane, Ohio, C.....                | 2,500   |  |
| Suez.....                 | Alfred W. Hayden, Agt.....                 |         |  |
| Trebizond.....            | H. Z. Longworth, Agt.....                  |         |  |
|                           | <i>Uruguay.</i>                            |         |  |
| Colonla.....              | Benj. D. Manton, R. I., C.....             | Fees.   |  |
| Montevideo.....           | Albert W. Swalm, Iowa, C.....              | 3,000   |  |
|                           | <i>Venezuela.</i>                          |         |  |
| Caracas.....              | Fred'k De Soia, U. S., Agt.....            |         |  |
| La Guayra.....            | Louis Goldschmidt, N. H., C.....           | 2,000   |  |
| Maracalbo.....            | E. H. Plumacher, Tenn., C.....             | 2,000   |  |
| Puerto Cabello.....       | Luther T. Ellsworth, Ohio, C.....          | 1,500   |  |
|                           | <i>Zanzibar.</i>                           |         |  |
| Zanzibar.....             | Mason Mitchell, N. Y., C.....              | 2,000   |  |

## Foreign Legations in the United States.

| COUNTRY.                | REPRESENTATIVES.                             | RANK.                                                   |
|-------------------------|----------------------------------------------|---------------------------------------------------------|
| Argentine Republic..... | Senor Don Martin Garcia Meron.....           | Envoy Extraordinary and Minister Plenipotentiary.       |
| "                       | Senor Antonio del Viso.....                  | First Secretary of Legation.                            |
| Austria-Hungary.....    | Mr. L. Hengeimuller von Hengelvar.....       | Envoy Extraordinary and Minister Plenipotentiary.       |
| "                       | Mr. Ludwig von Calenberg.....                | Secretary of Legation.                                  |
| "                       | Freiherr Georg von Franckenstein.....        | Secretary of Legation.                                  |
| Belgium.....            | Baron Ludovic Moncheur.....                  | Envoy Extraordinary and Minister Plenipotentiary.       |
| "                       | Mr. Charles Wauters.....                     | Counselor of Legation.                                  |
| Bolivia.....            | Senor Don Fernando E. Guaschala.....         | Envoy Extraordinary and Minister Plenipotentiary.       |
| Brazil.....             | Senhor J. F. de Assis Brasil.....            | Secretary of Legation.                                  |
| "                       | Senhor R. Reidner de Amaral.....             | Envoy Extraordinary and Minister Plenipotentiary.       |
| Chile.....              | Senor Don J. Walker-Martinez.....            | First Secretary of Legation.                            |
| "                       | Senor Don Domingo Gana.....                  | Envoy Extraordinary and Minister Plenipotentiary.       |
| China.....              | Si Liang-Chen-Tung.....                      | First Secretary of Legation.                            |
| "                       | Mr. Shen Tung.....                           | Envoy Extraordinary and Minister Plenipotentiary.       |
| "                       | Mr. Ou Sho-tchun.....                        | Second Secretary of Legation.                           |
| Colombia.....           | Senor Don Jose Vincente Concha (absent)..... | Envoy Extraordinary and Minister Plenipotentiary.       |
| Costa Rica.....         | Senor Don Joaquin Barnardo Calvo.....        | Minister Resident.                                      |
| Cuba.....               | Senor Don Gonzalo de Quesada.....            | Envoy Extraordinary and Minister Plenipotentiary.       |
| "                       | Senor Don Martin Rivero.....                 | First Secretary.                                        |
| Denmark.....            | Mr. Constantine Brun.....                    | Envoy Extraordinary and Minister Plenipotentiary.       |
| Dominican Republic..... | Senor Don F. Leonte Vazquez.....             | Charge d'Affaires.                                      |
| Ecuador.....            | Senor Don Luis F. Carbo.....                 | Envoy Extraordinary and Minister Plenipotentiary.       |
| France.....             | M. Jusevand.....                             | Ambassador Extraordinary and Plenipotentiary.           |
| "                       | M. Pierre de Margerie.....                   | Counselor of the Embassy.                               |
| "                       | Capt. P. Vignal.....                         | Military Attache.                                       |
| "                       | M. Hermite.....                              | Attache.                                                |
| "                       | M. Victor A. Yguasarsa.....                  | Attache.                                                |
| "                       | Lieut.-Com. de Faramond de Lafajol.....      | Naval Attache.                                          |
| "                       | M. Jules Bouefve.....                        | Chancellor.                                             |
| German Empire.....      | Herr von Holleben.....                       | Ambassador Extraordinary and Plenipotentiary.           |
| "                       | Count Quadt Wykradt Isny.....                | Counselor of Legation and First Secretary of Embassy.   |
| "                       | Freiherr von Ritter zu Grunstin.....         | Second Secretary.                                       |
| "                       | Count von Montgelas.....                     | Third Secretary.                                        |
| "                       | Lieut.-Com. von Rebeur-Paschwitz.....        | Naval Attache.                                          |
| Great Britain.....      | Sir Michael H. Herbert.....                  | Ambassador Extraordinary and Plenipotentiary.           |
| "                       | Mr. Arthur S. Hukes.....                     | First Secretary of Embassy.                             |
| "                       | Mr. Percy Wyndham.....                       | Second Secretary of Embassy.                            |
| "                       | Mr. Herbert G. Dering.....                   | Second Secretary of Embassy.                            |
| "                       | Mr. H. C. Norman.....                        | Second Secretary of Embassy.                            |
| "                       | Capt. Dudley Rawson de Chair, R. N.....      | Naval Attache.                                          |
| Guatemala.....          | Senor Don Antonio Lazo Arrasca.....          | Envoy Extraordinary and Minister Plenipotentiary.       |
| Haiti.....              | Mr. J. N. Leger.....                         | Envoy Extraordinary and Minister Plenipotentiary.       |
| Italy.....              | Signor Edmondo Mayor des Plancha.....        | Ambassador Extraordinary and Plenipotentiary.           |
| "                       | Count Vincenzo Macchi di Cellere.....        | First Secretary of Embassy.                             |
| "                       | Signor Giulio Cesare Montaga.....            | Second Secretary of Embassy.                            |
| "                       | Signor Riccardo Borghetti.....               | Attache.                                                |
| Japan.....              | Mr. Kogoro Takahira.....                     | Envoy Extraordinary and Minister Plenipotentiary.       |
| "                       | Count Hirokichi Mutan.....                   | First Secretary.                                        |
| "                       | Mr. Midori Komatz.....                       | Second Secretary.                                       |
| "                       | Col. C. Watanobe.....                        | Military Attache.                                       |
| "                       | Mr. Durham White Stevens.....                | Counselor of Legation.                                  |
| Korea.....              | Mr. Minhui Cho.....                          | Envoy Extraordinary and Minister Plenipotentiary.       |
| "                       | Mr. Teh Moo Sin.....                         | Second Secretary.                                       |
| Mexico.....             | Senor Manuel Azpiroz.....                    | Ambassador Extraordinary and Plenipotentiary.           |
| "                       | Senor Don Jose F. Godoy.....                 | First Secretary of Embassy.                             |
| "                       | Senor Jose Romo.....                         | Second Secretary.                                       |
| "                       | Senor Don Rodrigo de Azpiroz.....            | Second Secretary.                                       |
| "                       | Capt. Alfredo Barron.....                    | Second Secretary.                                       |
| Netherlands.....        | Baron W. A. F. Gevers.....                   | Envoy Extraordinary and Minister Plenipotentiary.       |
| "                       | Mr. J. H. van Roljen.....                    | Secretary of Legation.                                  |
| Nicaragua.....          | Senor Don Luis F. Corea.....                 | Envoy Extraordinary and Minister Plenipotentiary.       |
| "                       | Senor Don Alejandro Bernudez.....            | Secretary of Legation.                                  |
| Persia.....             | Gen. Isaac Khan.....                         | Envoy Extraordinary and Minister Plenipotentiary.       |
| Peru.....               | Mr. Manuel Alvarez Calderon.....             | Envoy Extraordinary and Minister Plenipotentiary.       |
| Portugal.....           | Visconde de Alte.....                        | Envoy Extraordinary and Minister Plenipotentiary.       |
| Russia.....             | Count Casaroff.....                          | Ambassador Extraordinary and Plenipotentiary.           |
| "                       | Mr. Theodore Hansen.....                     | First Secretary of Embassy.                             |
| "                       | Mr. Pierre Rogestvenaky.....                 | Second Secretary.                                       |
| "                       | Lieut.-Col. Raspopow.....                    | Military Agent.                                         |
| "                       | Baron Fersen.....                            | Naval Agent.                                            |
| Salvador.....           | Senor Don Rafael Zaldivar.....               | Envoy Extraordinary and Minister Plenipotentiary.       |
| "                       | Senor Don Eduardo Perez Triana.....          | Secretary of Legation.                                  |
| Siam.....               | Phya Akharaz Vornthara.....                  | Envoy Extraordinary and Minister Plenipotentiary.       |
| "                       | Mr. Edward H. Loftus.....                    | Counselor of Legation.                                  |
| Spain.....              | Senor Don Emilio de Ojeda.....               | Envoy Extraordinary and Minister Plenipotentiary.       |
| "                       | Senor Don Juan Hano.....                     | First Secretary of Legation.                            |
| "                       | Senor Don Manuel Walla.....                  | Second Secretary of Legation.                           |
| "                       | Lieut.-Col. Federico de Monteverde.....      | Military Attache.                                       |
| Sweden and Norway.....  | Mr. A. Grip.....                             | Envoy Extraordinary and Minister Plenipotentiary.       |
| "                       | Mr. C. Hauge.....                            | Secretary of Legation.                                  |
| Switzerland.....        | Mr. Charles L. E. Lardy.....                 | Secretary of Legation and Charge d'Affaires ad interim. |
| Turkey.....             | Chalik Bey.....                              | Envoy Extraordinary and Minister Plenipotentiary.       |
| "                       | Djeial Muñif Bey.....                        | First Secretary of Legation.                            |
| Uruguay.....            | Senor Dr. Luis Alberto de Herrera.....       | First Secretary and Charge d'Affaires ad interim.       |
| Venezuela.....          | Senor Don Augusto F. Pulido.....             | Charge d'Affaires ad interim.                           |

## Foreign Consuls in the United States.

(In Principal Places. For Foreign Consuls in the City of New York consult Index.)

C. G., Consul-General; C., Consul; V. C., Vice-Consul; C. A., Consular Agent.

### ARGENTINE REPUBLIC.

Ala., Mobile, Manuel S. Macías, C.  
Cal., San Francisco, George de Urioste, C.  
Ga., Savannah, Andrés E. Moynelo, V. C.  
Ill., Chicago, P. L. Hudson, C.  
La., New Orleans, Juan O. Bigelow, C.  
Me., Bangor, J. Sweet Rowe, C.  
Md., Baltimore, Harvey Coale, C.  
Mass., Boston, Guillermo McKissock, C.  
Pa., Philadelphia, William P. Wilson, C.  
Va., Norfolk, Guillermo Klyver, V. C.

### AUSTRIA-HUNGARY.

Ala., Mobile, W. F. Stutz, C.  
Cal., San Francisco, Francis Korbel, C.  
Fla., Pensacola, H. Baars, V. C.  
Ga., Savannah, Edward Karow, V. C.  
Ill., Chicago, Alexander Nuber, C.  
La., New Orleans, Franz Hindermann, C.  
Md., Baltimore, Ch. A. Martin, C.  
Mass., Boston, Arthur Donner, C.  
Mo., St. Louis, Ferdinand Diehm, C.  
Pa., Philadelphia, Johann Nemeth, C.  
Pa., Philadelphia, Alfred J. Ostheimer, C.  
Pa., Pittsburgh, Jacob Wein, C.  
P. I., Manila, Alphons Debrunner, C.  
S. C., Charleston, Charles Witte, V. C.  
Tex., Galveston, John Reymershoffer, C.  
Wis., Milwaukee, Anton G. Veith, C.

### BELGIUM.

Ala., Mobile, Robert B. du Mont, C.  
Cal., San Francisco, B. Halewyck, C.  
Col., Denver, J. Mignolet, C.  
Ga., Atlanta, Laurent de Givé, C.  
Ga., Savannah, Leopold Carrier, C.  
Ill., Chicago, Ch. Henrotin, C.  
Ky., Louisville, vacant.  
La., New Orleans, A. J. Landauer, C.  
Md., Baltimore, vacant.  
Mass., Boston, E. S. Mansfield, C.  
Mich., Detroit, Théophile François, C.  
Pa., Philadelphia, Paul Hagemans, C. G.  
P. I., Manila, L. Guislain, C. G.  
S. C., Charleston, E. Wells, C.  
Va., Richmond, W. O. Nolting, C.  
Wash., Seattle, E. C. Neufelder, V. C.

### BOLIVIA.

Cal., San Francisco, Felipe Galacia, V. C.  
Ill., Chicago, Frederick Harwell, C.  
Mo., Kansas City, E. R. Heath, Hon. C.  
Pa., Philadelphia, Wilfred H. Schoff, Hon. C.

### BRAZIL.

Cal., San Francisco, Enrique de la Vega, V. C.  
La., New Orleans, Charles Dittman, V. C.  
Md., Baltimore, Antonio C. de Magalhães, V. C.  
Mo., St. Louis, Afonso de Figueiredo, V. C.  
Pa., Philadelphia, Napoleon Bonaparte Kelly, V. C.

### CHILE.

Cal., San Francisco, Juan M. Astorga Pereira, C.  
Ill., Chicago, M. J. Steffens, V. C.  
Md., Baltimore, R. G. Leupold, C.  
Mass., Boston, Horacio N. Fisher, C.  
Pa., Philadelphia, Eduardo Tingle, C.

### CHINA.

Cal., San Francisco, Ho Yow, C. G.  
Hawaii, Honolulu, Yang Wel-pin, C.  
Mass., Boston, Stephen W. Nickerson, Hon. V. C.  
P. I., Manila, Chen Jih-hsang, C. G.

### COLOMBIA.

Ill., Chicago, Erskine M. Phelps, C.  
Mass., Boston, Jorge Vargas Heredia, C.  
Mo., St. Louis, J. Arubuckle, C.

### COSTA RICA.

Cal., San Francisco, José M. Tinoco, C.  
Ill., Chicago, Berthold Singer, C.  
La., New Orleans, Lamar C. Quintero, C.  
Md., Baltimore, William A. Riordan, C.  
Mass., Boston, Joseph L. Corbett, C.  
Pa., Philadelphia, Gustavo Niederlein, C.

### DENMARK.

Ala., Mobile, Louis Donald, V. C. for Alabama.  
Cal., San Francisco, H. H. Birkholm, C.  
Ga., Savannah, J. B. Holst, V. C.

Hawaii, Honolulu, A. R. Macfarlane, C.  
Ill., Chicago, Christian H. Hansson, C.  
Kan., Kansas City, Jap Hansen Malland, V. C.  
Ky., Louisville, Charles E. Currie, C.  
La., New Orleans, Thyge Soegaard, V. C.  
Md., Baltimore, Morris Whitridge, V. C.  
Mass., Boston, Gustaf Lundberg, C.  
Mich., Detroit, Peter Sörensen, V. C.  
Minn., St. Paul, John C. Nelson, C.  
Mo., St. Louis, C. E. Ramlose, V. C.  
Neb., Omaha, T. Olsen, V. C.  
O., Cleveland, William Secher, V. C.  
Ore., Portland, William Eissen, V. C.  
Pa., Philadelphia, J. N. Walleim, V. C.  
P. I., Manila, R. H. Wood, C.

### DOMINICAN REPUBLIC.

Fla., Jacksonville, Diego M. de Moya, V. C.  
Ill., Chicago, F. W. Job, V. C.  
Mass., Boston, Edwin M. Fowle, C. A.  
Pa., Philadelphia, Thomas B. Wanamaker, C.  
Porto Rico, San Juan, J. E. Medina, C. G.

### ECUADOR.

Cal., San Francisco, Santos Elias Santos, C.  
Ill., Chicago, Luis Millet, C.  
Mass., Boston, Gustavo Preston, C.  
Pa., Philadelphia, Cassius A. Green, C.

### FRANCE.

Ala., Mobile, Jean Marqués, C. A.  
Alaska, Nome City, Albert Schneider, C. A.  
Cal., San Francisco, Auguste H. Dallemagne, C. G.  
Col., Denver, Henry C. Charplet, C. A.  
Ga., Savannah, F. Chastanet, V. C.  
Hawaii, Honolulu, Jean A. Vizzavona, V. C.  
Ill., Chicago, Henri Antoine Joseph Mgrou, C.  
Ky., Louisville, Michel Hermann, C. A.  
La., New Orleans, Francois M. Ambrogio, C.  
Md., Baltimore, Léonce Rabillon, C. A.  
Mass., Boston, Edouard Bailly Blanchard, C. A.  
Mich., Detroit, Joseph Belanger, C. A.  
Minn., St. Paul, Francois Célestin Boucher, C. A.  
Mo., St. Louis, Louis Seguenot, C. A.  
O., Cincinnati, Eugene C. Pooley, C. A.  
Ore., Portland, Charles Henri Labbé, C. A.  
Pa., Philadelphia, Edouard Pesoli, C.  
P. I., Manila, Adolphe J. A. G. de Berard, C.  
P. R., San Juan, T. M. V. Netterment, C.  
Tex., Galveston, Ernest H. Moet, V. C.  
Wash., Seattle, P. J. B. Joujou-Roche, C. A.

### GERMANY.

Ala., Mobile, E. Holzborn, C.  
Cal., San Francisco, Adolph Rosenthal, C. G.  
Cal., San Francisco, Oswald Lohan, V. C.  
D. C., Washington, Gustave Dittmar, C. A.  
Ga., Savannah, Jacob Rauer, C.  
Hawaii, Honolulu, J. F. Hackfeld, C.  
Ill., Chicago, Walther Wever, C.  
La., New Orleans, E. von Meysenbug, C.  
Md., Baltimore, Georg A. von Lingen, C.  
Mass., Boston, Wilhelm T. Reincke, C.  
Mo., St. Louis, Frederick Rieloff, C.  
N. C., Wilmington, George L. Peschau, C.  
O., Cincinnati, Karl Pollier, C.  
Ore., Portland, Oswald Lohan, Acting C.  
Pa., Philadelphia, Ferdinand Ritschl, C.  
P. I., Manila, Friedrich Krüger, C.  
P. R., Ponce, H. C. Fritze, V. C.  
S. C., Charleston, Charles Otto Witte, C.  
Tex., Galveston, Julius Runge, C.  
Va., Richmond, Carl E. Victor, C.  
Wash., Tacoma, Hans Gliese, C.

### GREAT BRITAIN.

Ala., Mobile, Arthur Shirley Benn, V. C.  
Cal., San Francisco, Courtenay W. Bennett, C. G.  
Col., Denver, Harold V. Pearce, V. C.  
Fla., Jacksonville, Edward Sudlow, V. C.  
Fla., Key West, W. J. H. Taylor, V. C.  
Ga., Savannah, Alexander Harkness, V. C.  
Hawaii, Honolulu, William R. Hoare, C.  
Ill., Chicago, Wm. Wyndham, C.  
La., New Orleans, Arthur Vansittart, C.  
Me., Portland, John Bernard Keating, V. C.  
Md., Baltimore, Gilbert Fraser, C.

## FOREIGN CONSULS IN THE UNITED STATES—Continued.

- Mass., Boston, Charles A. P. Talbot, C.  
 Minn., St. Paul, Edward H. Morphy, V. C.  
 Miss., Biloxi, J. J. Lemon, V. C.  
 Mo., St. Louis, Western Bascome, V. C.  
 Mo., Kansas City, Frank S. Young, V. C.  
 Neb., Omaha, Mathew Alexander Hall, V. C.  
 N. C., Wilmington, James Sprunt, V. C.  
 Ore., Portland, James Laidlaw, C.  
 Pa., Philadelphia, Wilfred Powell, C.  
 P. I., Manila, Samuel H. Harford, C.  
 P. I., Cebu, J. N. Sidebottom, V. C.  
 Porto Rico, San Juan, Wm. B. Churchward, C.  
 R. I., Providence, George A. Stockwell, V. C.  
 S. C., Charleston, H. W. Russell de Coctologon, C.  
 Tex., Galveston, Horace Dickinson Nugent, C.  
 Va., Richmond, Philip Arthur Sheard Brine, V. C.  
 Wash., Seattle, Bernard Pelly, V. C.
- GREECE.
- Cal., San Francisco, Henry S. Martin, C.  
 Ill., Chicago, Nikolaos Sallopoulos, C.  
 Mass., Boston, Demosthenes Th. Timayenis, C.  
 Mo., St. Louis, D. Jamopoulos, V. C.  
 Pa., Philadelphia, S. Edwin Megargee, C.
- GUATEMALA.
- Cal., San Francisco, Felipe Galicia, C. G.  
 Ill., Chicago, George F. Stone, Hon. C.  
 Mass., Boston, Benjamin Preston Clark, Hon. C.  
 Mo., St. Louis, L. D. Kingsland, Hon. C. G.
- HAYTI.
- Ga., Savannah, T. B. Harris, V. C.  
 Ill., Chicago, Cuthbert Singleton, C.  
 Mass., Boston, Benjamin C. Clark, V. C.
- HONDURAS.
- Cal., San Francisco, Eustorgio Calderón, C. G.  
 Ill., Chicago, George F. Stone, C. G.  
 La., New Orleans, Mónico Córdova Serra, C. G.  
 Md., Baltimore, C. Morton Stewart, Jr., C. G.
- ITALY.
- Ala., Mobile, A. Festerazzi, C. A.  
 Cal., San Francisco, Carlo Filippo Serra, C.  
 Ct., New Haven, Michele Riccio, C. A.  
 Fla., Pensacola, G. B. Cafiero, C. A.  
 Ga., Savannah, Trapani Luigi, C. A.  
 Hawaii, Honolulu, F. A. Schaefer, C.  
 Ill., Chicago, Antonio Ladislao Rózwadowski, C.  
 La., New Orleans, Giuseppe Saint Martin, C.  
 Md., Baltimore, Prospero Schiaffino, C. A.  
 Mich., Detroit, C. Pietro di Antonio, C. A.  
 Mass., Boston, O. Gaetano d' A. di Castelmola, C.  
 Mo., St. Louis, Domenico Ginocchio, C. A.  
 O., Cleveland, Nicola Cerri, C. A.  
 Ore., Portland, F. C. d' Olivola, C.  
 Pa., Philadelphia, Gerolamo Naselli, C.  
 Pa., Pittsburgh, Giuseppe Natali, C. A.  
 R. I., Providence, M. Vervena, C. A.  
 S. C., Charleston, Giovanni Sottile, C. A.  
 Tex., Galveston, C. Nicolini, C. A.  
 Va., Norfolk, Arturo Farati, C. A.  
 Wash., Seattle, O. A. Spencer, C. A.
- JAPAN.
- Ala., Mobile, Wm. F. Hutchison, Hon. V. C.  
 Cal., San Francisco, Uveno Kisaburo, C.  
 Hawaii, Honolulu, Miki Saitow, C.  
 Ill., Chicago, Toshiro Fujita, C.  
 La., New Orleans, John Walker Phillips, Hon. C.  
 Ore., Portland, C. Takaki, C.  
 Pa., Philadelphia, Alfred J. Ostheimer, C.  
 Wash., Seattle, Sotokichi Hayashi, C.
- LIBERIA.
- Mass., Boston, Charles Hall Adams, C. G.  
 Pa., Philadelphia, Thomas J. Hunt, C.
- MEXICO.
- Ala., Mobile, L. D. Le Baron, V. C.  
 Ariz., Phoenix, Augustin Pina, C.  
 Cal., San Francisco, Alejandro K. Coney, C. G.  
 Ill., Chicago, Felipe Berrozabal, C.  
 La., New Orleans, Anselmo de la Portilla, C.  
 Md., Baltimore, José V. Dosal, C.  
 Mass., Boston, Arturo V. Cushing, C.  
 Mo., St. Louis, Rafael P. Serrano, C.  
 O., Cincinnati, Joaquín D. Prieto, C.  
 Pa., Philadelphia, Ernesto Subkurksi, C.
- Tex., Galveston, Enrique C. Llorente, C.  
 Va., Norfolk, A. C. Humphreys, V. C.
- NETHERLANDS.
- Cal., San Francisco, G. J. G. Marsly, C.  
 Ill., Chicago, G. Birkhoff, Jr., C.  
 La., New Orleans, W. J. Hammond, C.  
 Md., Baltimore, Claas Vocke, C.  
 Mass., Boston, C. V. Dasey, C.  
 Minn., St. Paul, J. B. Hartsinck, V. C.  
 Mo., St. Louis, B. B. Haagsma, C.  
 O., Cincinnati, F. Matt, C.  
 Pa., Philadelphia, Arnold Katz, V. C.  
 Tex., Galveston, E. S. Flint, C.
- NICARAGUA.
- Cal., San Francisco, Louis F. Lastreto, C. G.  
 Ill., Chicago, George F. Stone, C. G.  
 La., New Orleans, Benjamin Viduarre, C.  
 Mass., Boston, Charles H. Adams, C.  
 Pa., Philadelphia, C. A. Green, C.
- PARAGUAY.
- D. C., Washington, John Stewart, C. G.
- PERU.
- Cal., San Francisco, Enrique Grau, C.  
 Pa., Philadelphia, Wilfredo H. Schoff, Hon. C.
- PORTUGAL.
- Cal., San Francisco, Ignacio R. da Costa Duarte, C.  
 Ill., Chicago, S. Chapman Simms, V. C.  
 La., New Orleans, Maurice Generelly, V. C.  
 Md., Baltimore, Frank Frick, Jr., V. C.  
 Mass., Boston, Viscount de Valle da Costa, C.  
 Pa., Philadelphia, John Mason, V. C.
- RUSSIA.
- Ala., Mobile, Murray Wheeler, V. C.  
 Cal., San Francisco, Paul Kozakévitch, C.  
 Ga., Savannah, W. W. Williamson, V. C.  
 Ill., Chicago, Albert Schlippenbach, C.  
 Md., Baltimore, Charles Nitze, V. C.  
 Mass., Boston, Charles F. Wyman, V. C.  
 Ore., Portland, Gustave Wilson, V. C.  
 Pa., Philadelphia, William B. Tucker, V. C.
- SALVADOR.
- Cal., San Francisco, Eucarnacion Mejia, C. G.  
 Mass., Boston, Geo. A. Lewis, C.
- SPAIN.
- Ala., Mobile, Luis Marty Moragues, Hon. V. C.  
 Cal., San Francisco, D. G. del Amo, Hon. C.  
 Ill., Chicago, Berthold Singer, Hon. V. C.  
 La., New Orleans, José M. Fuero y O'Donnell, C.  
 Md., Baltimore, Prospero Schiaffino, Hon. V. C.  
 Mo., St. Louis, José M. Trigo de Claver, V. C.  
 Pa., Philadelphia, Horatio C. Newcomb, Hon. V. C.  
 P. I., Manila, Luis Marinas y Lavaggi, C. G.  
 Porto Rico, San Juan, Joaquin T. y Quinza, C. G.
- SWEDEN AND NORWAY.
- Ala., Mobile, Louis Donald, V. C.  
 Cal., San Francisco, Knud H. Lund, C.  
 Ill., Chicago, J. R. Lindgren, V. C.  
 La., New Orleans, Pearl Wight, V. C.  
 Mass., Boston, Gjerit Loots, V. C.  
 Minn., St. Paul, Engelbreth H. Hobe, V. C.  
 Mo., St. Louis, Alf. Alfred Essendrup, V. C.  
 Neb., Omaha, Emric M. Stenberg, V. C.  
 Pa., Philadelphia, J. N. Wallen, V. C.  
 S. C., Charleston, Carl Otto Witte, V. C.
- SWITZERLAND.
- Cal., San Francisco, Antoine Borel, C.  
 Ill., Chicago, Arnold Holinger, C.  
 Mo., St. Louis, Jacques Buff, C.  
 Pa., Philadelphia, R. Korradi, C.
- TURKEY.
- Cal., San Francisco, George E. Hall, C. G.  
 D. C., Washington, Dr. Schoenfeld, C. G.  
 Ill., Chicago, Charles Henrotin, C. G.  
 Mass., Boston, Mr. Macomber, Hon. C. G.
- URUGUAY.
- Ill., Chicago, Carlos C. Turner, C.  
 Mass., Boston, Arthur Carroll, V. C.  
 Pa., Philadelphia, Horatio C. Newcomb, C.
- VENEZUELA.
- Cal., San Francisco, Adolph Casal, Hon. C.  
 Ill., Chicago, Pedro Alvarez, Hon. C.  
 O., Cincinnati, Paul T. Walker, Hon. C.  
 Pa., Philadelphia, José Ignacio Diaz Barcenas, C.

### Party Divisions

IN THE HOUSE OF REPRESENTATIVES, 56TH AND 57TH CONGRESSES.

| STATES.            | FIFTY-SIXTH CONGRESS.* |      |      | FIFTY-SEVENTH CONGRESS.* |      |      | STATES.             | FIFTY-SIXTH CONGRESS.* |            |           | FIFTY-SEVENTH CONGRESS.* |            |           |
|--------------------|------------------------|------|------|--------------------------|------|------|---------------------|------------------------|------------|-----------|--------------------------|------------|-----------|
|                    | Dem.                   | Rep. | Pop. | Dem.                     | Rep. | Pop. |                     | Dem.                   | Rep.       | Pop.      | Dem.                     | Rep.       | Pop.      |
| Alabama.....       | 9                      | ..   | ..   | 9                        | ..   | ..   | Nevada.....         | ..                     | ..         | 1         | 1                        | ..         |           |
| Arkansas.....      | 6                      | ..   | ..   | 6                        | ..   | ..   | New Hampshire.....  | ..                     | ..         | ..        | ..                       | ..         |           |
| California.....    | 1                      | 6    | ..   | ..                       | 7    | ..   | New Jersey.....     | ..                     | ..         | ..        | ..                       | ..         |           |
| Colorado.....      | ..                     | ..   | 2    | 1                        | ..   | 1    | New York.....       | 182                    | 16         | ..        | 182                      | 21         | ..        |
| Connecticut.....   | ..                     | 4    | ..   | ..                       | 4    | ..   | North Carolina..... | 6                      | ..         | 1         | 7                        | ..         | ..        |
| Delaware.....      | ..                     | 1    | ..   | ..                       | 1    | ..   | North Dakota.....   | ..                     | ..         | ..        | ..                       | 1          | ..        |
| Florida.....       | ..                     | ..   | ..   | ..                       | ..   | ..   | Ohio.....           | 6                      | 15         | ..        | 4                        | 17         | ..        |
| Georgia.....       | 11                     | ..   | ..   | 11                       | ..   | ..   | Oregon.....         | ..                     | ..         | ..        | ..                       | ..         | ..        |
| Idaho.....         | ..                     | ..   | 1    | ..                       | ..   | 1    | Pennsylvania.....   | 10                     | 20         | ..        | 4                        | 26         | ..        |
| Illinois.....      | 8                      | 14   | ..   | 11                       | 11   | ..   | Rhode Island.....   | ..                     | ..         | ..        | ..                       | ..         | ..        |
| Indiana.....       | 4                      | 9    | ..   | 4                        | 9    | ..   | South Carolina..... | 7                      | ..         | ..        | 7                        | ..         | ..        |
| Iowa.....          | ..                     | 11   | ..   | ..                       | 11   | ..   | South Dakota.....   | ..                     | ..         | ..        | ..                       | ..         | ..        |
| Kansas.....        | ..                     | 1    | ..   | 1                        | 7    | ..   | Tennessee.....      | ..                     | ..         | ..        | ..                       | ..         | ..        |
| Kentucky.....      | 9                      | 2    | ..   | 9                        | 2    | ..   | Texas.....          | 12                     | 1          | ..        | 13                       | ..         | ..        |
| Louisiana.....     | 6                      | ..   | ..   | 6                        | ..   | ..   | Utah.....           | 1                      | ..         | ..        | ..                       | ..         | ..        |
| Maine.....         | ..                     | 4    | ..   | ..                       | 4    | ..   | Vermont.....        | ..                     | 2          | ..        | ..                       | 2          | ..        |
| Maryland.....      | ..                     | 4    | ..   | ..                       | 6    | ..   | Virginia.....       | 10                     | ..         | ..        | 10                       | ..         | ..        |
| Massachusetts..... | 3                      | 10   | ..   | 3                        | 10   | ..   | Washington.....     | ..                     | ..         | ..        | ..                       | ..         | ..        |
| Michigan.....      | ..                     | 12   | ..   | ..                       | 12   | ..   | West Virginia.....  | 1                      | ..         | ..        | ..                       | 2          | ..        |
| Minnesota.....     | ..                     | 7    | ..   | ..                       | 7    | ..   | Wisconsin.....      | ..                     | 10         | ..        | ..                       | 10         | ..        |
| Mississippi.....   | 7                      | ..   | ..   | 7                        | ..   | ..   | Wyoming.....        | ..                     | 1          | ..        | ..                       | 1          | ..        |
| Missouri.....      | 12                     | 3    | ..   | 13                       | 2    | ..   | <b>Total.....</b>   | <b>163</b>             | <b>185</b> | <b>91</b> | <b>153</b>               | <b>198</b> | <b>58</b> |
| Montana.....       | 1                      | ..   | ..   | ..                       | ..   | 1    |                     |                        |            |           |                          |            |           |
| Nebraska.....      | 1                      | 2    | 3    | 2                        | 2    | 2    |                     |                        |            |           |                          |            |           |

\* As constituted at the beginning of the first session. † Six Populists, three Silver party. ‡ Three Populists, one Silver party, one Fusionist. † One vacant from New York.

### PARTY DIVISIONS IN CONGRESS SINCE THE FORMATION OF THE REPUBLICAN PARTY IN 1856.

| CONGRESSES.  | YEARS.    | SENATE. |      |       |        |      | HOUSE OF REPRESENTATIVES. |      |       |        |      |
|--------------|-----------|---------|------|-------|--------|------|---------------------------|------|-------|--------|------|
|              |           | Dem.    | Rep. | Amer. | Union. | Ind. | Dem.                      | Rep. | Amer. | Union. | Ind. |
| XXXV.....    | 1857-1859 | 39      | 20   | 5     | ..     | ..   | 131                       | 92   | 14    | ..     | ..   |
| XXXVI.....   | 1859-1861 | 38      | 26   | 2     | ..     | ..   | 101                       | 113  | 23    | ..     | ..   |
| XXXVII.....  | 1861-1863 | 10      | 31   | ..    | 2      | ..   | 42                        | 106  | ..    | 28     | ..   |
| XXXVIII..... | 1863-1865 | 9       | 36   | ..    | 5      | ..   | 75                        | 102  | ..    | ..     | 9    |
| XXXIX.....   | 1865-1867 | 11      | 41   | ..    | ..     | ..   | 40                        | 145  | ..    | ..     | ..   |
| XI.....      | 1867-1869 | 11      | 42   | ..    | ..     | ..   | 49                        | 143  | ..    | ..     | ..   |
| XII.....     | 1869-1871 | 11      | 58   | ..    | ..     | ..   | 78                        | 151  | ..    | ..     | ..   |
| XIII.....    | 1871-1873 | 17      | 57   | ..    | ..     | ..   | 103                       | 138  | ..    | ..     | 5 †  |
| XIV.....     | 1873-1875 | 20      | 47   | ..    | 7 †    | ..   | 92                        | 194  | ..    | ..     | 14 † |
| XV.....      | 1875-1877 | 29      | 43   | ..    | 2 †    | ..   | 168                       | 107  | ..    | ..     | ..   |
| XVI.....     | 1877-1879 | 39      | 36   | ..    | 1 †    | ..   | 151                       | 142  | ..    | ..     | ..   |
| XVII.....    | 1879-1881 | 44      | 32   | ..    | ..     | ..   | 148                       | 129  | ..    | ..     | 16 † |
| XVIII.....   | 1881-1883 | 38      | 37   | ..    | 1 †    | ..   | 138                       | 146  | ..    | ..     | 10 † |
| XIX.....     | 1883-1885 | 36      | 40   | ..    | ..     | ..   | 198                       | 124  | ..    | ..     | 1 †  |
| XX.....      | 1885-1887 | 34      | 42   | ..    | ..     | ..   | 204                       | 120  | ..    | ..     | 1 †  |
| XXI.....     | 1887-1889 | 37      | 39   | ..    | ..     | ..   | 168                       | 153  | ..    | ..     | 4 †  |
| XXII.....    | 1889-1891 | 37      | 39   | ..    | ..     | ..   | 159                       | 166  | ..    | ..     | ..   |
| XXIII.....   | 1891-1893 | 39      | 47   | ..    | 2 †    | ..   | 236                       | 88   | ..    | ..     | 8 †  |
| XXIV.....    | 1893-1895 | 44      | 38   | ..    | 3 †    | ..   | 220                       | 126  | ..    | ..     | 8 †  |
| XXV.....     | 1895-1897 | 39      | 42   | ..    | 5 †    | ..   | 104                       | 246  | ..    | ..     | 7 †  |
| XXVI.....    | 1897-1899 | 34      | 46   | ..    | 10 †   | ..   | 134                       | 206  | ..    | ..     | 16 † |
| XXVII.....   | 1899-1901 | 26      | 53   | ..    | 11 †   | ..   | 163                       | 185  | ..    | ..     | 9 †  |
| XXVIII.....  | 1901-1903 | 29      | 56   | ..    | 3 †    | ..   | 153                       | 198  | ..    | ..     | 5 †  |
| XXIX.....    | 1903-1905 | 32      | 58   | ..    | ..     | ..   | 178                       | 208  | ..    | ..     | ..   |

Parties as constituted at the beginning of each Congress are given. These figures were liable to change by contests for seats, etc.

\* During the Civil War most of the Southern States were not represented in Congress.  
 † Liberal Republicans. ‡ Greenbackers.  
 § David Davis, Independent, of Illinois.  
 ¶ Two Virginia Senators were Readjusters, and voted with the Republicans.  
 ¶ People's party, except that in the House of Representatives of the Fifty-fourth Congress one member is classed as Silver party.  
 ¶ Three Senate seats were vacant (and continued so) and two Representative seats were unfilled (Rhode Island had not yet effected a choice) when the session began. Rhode Island subsequently elected two Republicans.  
 ¶ Five Populists, two Silver party, three Independents. ¶ Including fifteen members classed as Fusionists. ¶ Including three members classed as Silver party. There was one vacancy.  
 ¶ Six Populists, three Silver party.  
 ¶ Five Populists, one Silver party, two Independents, and three vacancies.  
 ¶ Three Populists, one Silver party, one Fusionist, one vacancy.  
 ¶ One Populist, one Silver party, one Fusionist, two vacancies.



The Fifty-seventh Congress.

BEGAN MARCH 4, 1901, AND ENDS MARCH 4, 1903.

SENATE.

President pro tempore ..... William P. Frye, R., of Maine.  
 Secretary..... Charles G. Bennett, R., of New York.

ALABAMA.

Terms Expire. Senators. P. O. Address.  
 1903...Edmund W. Pettus, D.....Selma.  
 1907...John T. Morgan, D.....Selma.

ARKANSAS.

1903...James K. Jones, D.....Washington.  
 1907...James H. Berry, D.....Bentonville.

CALIFORNIA.

1903...George C. Perkins, R.....Oakland.  
 1905...Thomas R. Bard, R.....Hueneme.

COLORADO.

1903...Henry M. Teller, D.....Central City.  
 1907...T. MacD. Patterson, D.....Denver.

CONNECTICUT.

1903...Orville H. Platt, R.....Meriden.  
 1905...Joseph R. Hawley, R.....Hartford.

DELAWARE.

1905...Vacancy.  
 1907...Vacancy.

FLORIDA.

1903...Stephen R. Mallory, D.....Pensacola.  
 1905...James P. Tallaferro, D.....Jacksonville.

GEORGIA.

1903...Alexander S. Clay, D.....Marietta.  
 1907...Augustus O. Bacon, D.....Macon.

IDAHO.

1903...Henry Heitfeld, D.....Lewiston.  
 1907...Fred. T. Dubois, R.....Blackfoot.

ILLINOIS.

1903...William E. Mason, R.....Chicago.  
 1907...Shelby M. Cullom, R.....Springfield.

INDIANA.

1903...Charles W. Fairbanks, R.....Indianapolis.  
 1905...Albert J. Beveridge, R.....Indianapolis.

IOWA.

1903...William B. Allison, R.....Dubuque.  
 1907...Jona. P. Dolliver, R.....Fort Dodge.

KANSAS.

1903...William A. Harris, D.....Linwood.  
 1907...Joseph R. Burton, R.....Ablene.

KENTUCKY.

1903...William J. Deboe, R.....Marion.  
 1907...J. S. C. Blackburn, D.....Versailles.

LOUISIANA.

1903...Samuel D. McEnery, D.....New Orleans.  
 1907...Murphy J. Foster, D.....Franklin.

MAINE.

1905...Eugene Hale, R.....Ellsworth.  
 1907...William P. Frye, R.....Lewiston.

MARYLAND.

1903...George L. Wellington, I. R.....Cumberland.  
 1905...Louis E. McComas, R.....Williamsport.

MASSACHUSETTS.

1905...Henry Cabot Lodge, R.....Nahant.  
 1907...George F. Hoar, R.....Worcester.

MICHIGAN.

1905...Julius C. Burrows, R.....Kalamazoo.  
 1907...Russell A. Alger, R.....Detroit.

MINNESOTA.

1905...Moses E. Clapp, R.....St. Paul.  
 1907...Knute Nelson, R.....Alexandria.

MISSISSIPPI.

1905...Hernando D. Money, D.....Carrollton.  
 1907...Anselm J. McLaurin, D.....Brandon.

MISSOURI.

1903...George G. Vest, D.....Kansas City.  
 1905...Francis M. Cockrell, D.....Warrensburg

MONTANA.

Terms Expire. Senators. P. O. Address.  
 1905...Paris Gibson, D.....Great Falls.  
 1907...William A. Clark, D.....Butte.

NEBRASKA.

1905...Charles H. Dietrich, R.....Hastings.  
 1907...Joseph S. Millard, R.....Omaha.

NEVADA.

1903...John P. Jones, R.....Gold Hill.  
 1905...William M. Stewart, R.....Carson City.

NEW HAMPSHIRE.

1903...Jacob H. Gallinger, R.....Concord.  
 1907...Henry E. Burnham, R.....Manchester.

NEW JERSEY.

1905...John Kean, R.....Elizabeth.  
 1907...John F. Dryden, R.....Newark.

NEW YORK.

1903...Thomas C. Platt, R.....Owego.  
 1905...Chauncey M. Depew, R.....New York.

NORTH CAROLINA.

1903...Jeter C. Pritchard, R.....Marshall.  
 1907...Femifold M. Simmons, D.....Raleigh.

NORTH DAKOTA.

1903...H. C. Hansbrough, R.....Devil's Lake  
 1905...Porter J. McCumber, R.....Wahpeton.

OHIO.

1903...Joseph B. Foraker, R.....Cincinnati.  
 1905...Marcus A. Hanna, R.....Cleveland.

OREGON.

1903...Joseph Simon, R.....Portland.  
 1907...John H. Mitchell, R.....Portland.

PENNSYLVANIA.

1903...Boies Penrose, R.....Philadelphia.  
 1905...Matt. S. Quay, R.....Beaver.

RHODE ISLAND.

1905...Nelson W. Aldrich, R.....Providence.  
 1907...George P. Wetmore, R.....Newport.

SOUTH CAROLINA.

1903...John L. McLaurin, D.....Bennettsville.  
 1907...Benjamin R. Tillman, D.....Trenton.

SOUTH DAKOTA.

1903...Albert B. Kittridge, R.....Sioux Falls.  
 1907...Robert J. Gamble, R.....Yankton.

TENNESSEE.

1905...William B. Bate, D.....Nashville.  
 1907...Edward W. Carmack, D.....Memphis.

TEXAS.

1905...Charles A. Culbertson, D.....Dallas.  
 1907...Joseph W. Bailey, D.....Gainesville.

UTAH.

1903...Joseph L. Rawlins, D.....Salt Lake City  
 1905...Thomas Kearns, R.....Salt Lake City

VERMONT.

1903...William P. Dillingham, R.....Waterbury.  
 1905...Redfield Proctor, R.....Proctor.

VIRGINIA.

1905...John W. Daniel, D.....Lynchburg.  
 1907...Thomas S. Martin, D.....Scottsville.

WASHINGTON.

1903...George Turner, D.....Spokane  
 1905...Addison G. Foster, R.....Tacoma.

WEST VIRGINIA.

1905...Nathan B. Scott, R.....Wheeling.  
 1907...Stephen B. Elkins, R.....Elkins.

WISCONSIN.

1903...John C. Spooner, R.....Madison.  
 1905...Joseph V. Quarles, R.....Milwaukee.

WYOMING.

1905...Clarence D. Clark, R.....Evanston.  
 1907...Francis E. Warren, R.....Cheyenne.

Total number of Senators, 90, of whom 56 are Republicans, 32 are Democrats, and there are two vacancies (Delaware), which will probably be filled by Republicans.

## HOUSE OF REPRESENTATIVES.

Speaker.....David B. Henderson, Rep., of Iowa.  
 Clerk.....Alexander McDowell, Rep., of Pennsylvania.

## ALABAMA.

*Dist. Representative. Politics. P. O. Address.*  
 1 George W. Taylor\*.....Dem..Demopolis.  
 2 Ariosto A. Wiley.....Dem..Montgomery.  
 3 Henry D. Clayton\*.....Dem..Eufaula.  
 4 Sidney J. Bowie.....Dem..Anniston.  
 5 Charles W. Thompson.....Dem..Tuskegee.  
 6 John H. Bankhead\*.....Dem..Fayette.  
 7 John L. Burnett\*.....Dem..Gadsden.  
 8 William Richardson\*.....Dem..Huntsville.  
 9 Oscar W. Underwood\*.....Dem..Birmingham.

## ARKANSAS.

1 Philip D. McCulloch\*.....Dem..Marianna.  
 2 John S. Little\*.....Dem..Greenwood.  
 3 Thomas C. McRae\*.....Dem..Prescott.  
 4 Charles C. Reid.....Dem..Morrilton.  
 5 Hugh A. Dinsmore\*.....Dem..Fayetteville  
 6 Stephen Brundidge, Jr.\*.....Dem..Fayetteville.

## CALIFORNIA.

1 Frank L. Coombs.....Rep..Napa.  
 2 Samuel D. Wood\*.....Rep..Stockton.  
 3 Victor H. Metcalf\*.....Rep..Oakland.  
 4 Julius Kahn\*.....Rep..San Francisco.  
 5 Eugene F. Loud\*.....Rep..San Francisco.  
 6 James McLachlan\*.....Rep..Pasadena.  
 7 James C. Needham\*.....Rep..Modesto.

## COLORADO.

1 John F. Shafroth\*.....Sil...Denver.  
 2 John C. Bell\*.....Pop...Montrose.

## CONNECTICUT.

1 E. Stevens Henry\*.....Rep..Rockville.  
 2 Nehemiah D. Sperry\*.....Rep..New Haven.  
 3 Frank B. Brandegee.....Rep..New London.  
 4 Ebenezer J. Hill\*.....Rep..Norwalk.

## DELAWARE.

1 L. Heisler Ball.....Rep..Faulkland.

## FLORIDA.

1 Stephen M. Sparkman\*.....Dem..Tampa.  
 2 Robert W. Davis\*.....Dem..Palatka.

## GEORGIA.

1 Rufus E. Lester\*.....Dem..Savannah.  
 2 James M. Griggs\*.....Dem..Dawson.  
 3 Elijah B. Lewis\*.....Dem..Montezuma.  
 4 William C. Adamson\*.....Dem..Carrollton.  
 5 Leonidas F. Livingston\*.....Dem..Kings.  
 6 Charles L. Bartlett\*.....Dem..Macon.  
 7 John W. Maddox\*.....Dem..Rome.  
 8 William M. Howard\*.....Dem..Lexington.  
 9 Farish Carter Tate\*.....Dem..Jasper.  
 10 William H. Fleming\*.....Dem..Augusta.  
 11 William G. Brantley\*.....Dem..Brunswick.

## IDAHO.

1 Thomas M. Glenn.....Pop...Montpelier.

## ILLINOIS.

1 James E. Mann\*.....Rep..Chicago.  
 2 John J. Feely.....Dem..Chicago.  
 3 George P. Foster\*.....Dem..Chicago.  
 4 James McAndrews.....Dem..Chicago.  
 5 William F. Mahony.....Dem..Chicago.  
 6 Henry S. Boutell\*.....Rep..Chicago.  
 7 George E. Foss\*.....Rep..Chicago.  
 8 Albert J. Hopkins\*.....Rep..Aurora.  
 9 Robert R. Hitt\*.....Rep..Mount Morris.  
 10 George W. Prince\*.....Rep..Galesburg.  
 11 Walter Reeves\*.....Rep..Streator.  
 12 Joseph G. Cannon\*.....Rep..Danville.  
 13 Vespasian Warner.....Rep..Clinton.  
 14 Joseph V. Graff.....Rep..Pekin.  
 15 J. Ross Micky.....Dem..Macomb.  
 16 Thomas J. Selby.....Dem..Hardin.  
 17 Ben. F. Caldwell\*.....Dem..Chatham.  
 18 Thomas M. Jett\*.....Dem..Hillsboro.

## ILLINOIS—Continued.

*Dist. Representative. Politics. P. O. Address.*  
 19 Joseph B. Crowley\*.....Dem..Robinson.  
 20 James R. Williams\*.....Dem..Carmi.  
 21 Frederick J. Kern.....Dem..Belleville.  
 22 George W. Smith\*.....Rep..Murphysboro.

## INDIANA.

1 James A. Hemenway\*.....Rep..Booneville.  
 2 Robert W. Miers\*.....Dem..Bloomington.  
 3 William T. Zenor\*.....Dem..Corydon.  
 4 Francis M. Griffith\*.....Dem..Vevay.  
 5 Elias S. Holliday.....Rep..Brazill.  
 6 James E. Watson\*.....Rep..Rushville.  
 7 Jesse Overstreet\*.....Rep..Indianapolis.  
 8 George W. Cromer\*.....Rep..Muncie.  
 9 Charles B. Landis\*.....Rep..Delphi.  
 10 Edgar D. Crumpacker\*.....Rep..Valparaiso.  
 11 George W. Steele\*.....Rep..Marion.  
 12 James M. Robinson\*.....Dem..Fort Wayne.  
 13 Abraham L. Brick.....Rep..South Bend.

## IOWA.

1 Thomas Hedge\*.....Rep..Burlington.  
 2 John N. W. Rumble.....Rep..Marengo.  
 3 David B. Henderson\*.....Rep..Dubuque.  
 4 Gilbert N. Haugen\*.....Rep..Northwood.  
 5 Robert G. Cousins\*.....Rep..Tipton.  
 6 John F. Lacey\*.....Rep..Oskaloosa.  
 7 John A. T. Hull\*.....Rep..Des Moines.  
 8 William P. Hepburn\*.....Rep..Clarinda.  
 9 Walter I. Smith\*.....Rep..Council Bluffs.  
 10 James P. Conner\*.....Rep..Denison.  
 11 Lot Thomas\*.....Rep..Storm Lake.

## KANSAS.

## At Large.

Charles F. Scott.....Rep..Iola.  
 1 Charles Curtis\*.....Rep..Topeka.  
 2 Justin D. Bowersock\*.....Rep..Lawrence.  
 3 Alfred M. Jackson.....Dem..Winfield.  
 4 James M. Miller\*.....Rep..Council Grove.  
 5 William A. Calderhead\*.....Rep..Marysville.  
 6 William A. Reeder.....Rep..Logan.  
 7 Chester I. Long\*.....Rep..Medicine Lodge.

## KENTUCKY.

1 Charles K. Wheeler\*.....Dem..Paducah.  
 2 Henry D. Allen\*.....Dem..Morganfield.  
 3 McKenzie Moss.....Dem..Bowling Green.  
 4 David H. Smith\*.....Dem..Hodgensville.  
 5 Harvey S. Irwin.....Rep..Louisville.  
 6 D. Linn Gooch.....Dem..Covington.  
 7 South Trimble.....Dem..Frankfort.  
 8 George G. Gilbert\*.....Dem..Shelbyville.  
 9 James N. Kehoe.....Dem..Maysville.  
 10 James B. White.....Dem..Irvine.  
 11 Vincent Boring\*.....Rep..London.

## LOUISIANA.

1 Adolph Meyer\*.....Dem..New Orleans.  
 2 Robert C. Davey\*.....Dem..New Orleans.  
 3 Robert F. Broussard\*.....Dem..New Iberia.  
 4 Phanor Brazeale\*.....Dem..Natchitoches.  
 5 Joseph E. Ransdell\*.....Dem..Lake Providence.  
 6 Samuel M. Robertson\*.....Dem..Baton Rouge.

## MAINE.

1 Amos I. Allen\*.....Rep..Alfred.  
 2 Chas. E. Littlefield\*.....Rep..Rockland.  
 3 Edwin C. Burleigh\*.....Rep..Augusta.  
 4 Llewellyn Power\*.....Rep..Houlton.

## MARYLAND.

1 William H. Jackson.....Rep..Salisbury.  
 2 Albert A. Blakeney.....Rep..Franklinville.  
 3 Frank C. Wachter\*.....Rep..Baltimore.  
 4 Charles R. Schirm.....Rep..Baltimore.  
 5 Sydney E. Mudd\*.....Rep..La Plata.  
 6 George A. Pearre\*.....Rep..Cumberland.

MASSACHUSETTS.

| Dist. | Representative.       | Politics. | P. O. Address. |
|-------|-----------------------|-----------|----------------|
| 1     | George P. Lawrence*   | Rep.      | North Adams.   |
| 2     | Frederick H. Gillett* | Rep.      | Springfield.   |
| 3     | John R. Thayer        | Dem.      | Worcester.     |
| 4     | Charles Q. Tirrell    | Rep.      | Fitchburg.     |
| 5     | William S. Knox*      | Rep.      | Lawrence.      |
| 6     | Augustus P. Gardner   | Rep.      | Hamilton.      |
| 7     | Ernest W. Roberts*    | Rep.      | Chelsea.       |
| 8     | Samuel W. McCall*     | Rep.      | Winchester.    |
| 9     | John A. Conroy        | Dem.      | Boston.        |
| 10    | Henry F. Naphen*      | Dem.      | Boston.        |
| 11    | Samuel L. Powers      | Rep.      | Newton.        |
| 12    | William C. Lovering*  | Rep.      | Taunton.       |
| 13    | William S. Greene*    | Rep.      | Fall River.    |

MICHIGAN.

|    |                      |      |                |
|----|----------------------|------|----------------|
| 1  | John B. Corliss*     | Rep. | Detroit.       |
| 2  | Henry C. Smith*      | Rep. | Adrian.        |
| 3  | Washington Gardner*  | Rep. | Albion.        |
| 4  | Edward L. Hamilton*  | Rep. | Niles.         |
| 5  | William Alden Smith* | Rep. | Grand Rapids.  |
| 6  | Samuel W. Smith*     | Rep. | Pontiac.       |
| 7  | Edgar Weeks*         | Rep. | Mount Clemens. |
| 8  | Joseph W. Fordney*   | Rep. | Saginaw.       |
| 9  | Roswell P. Bishop*   | Rep. | Ludington.     |
| 10 | Henry H. Aplin       | Rep. | West Bay City. |
| 11 | Archibald B. Darragh | Rep. | St. Louis.     |
| 12 | Carlos D. Sheldon*   | Rep. | Houghton.      |

MINNESOTA.

|   |                    |      |              |
|---|--------------------|------|--------------|
| 1 | James A. Tawney*   | Rep. | Winona.      |
| 2 | James T. McCleary* | Rep. | Mankato.     |
| 3 | Joel P. Heatwole*  | Rep. | Northfield.  |
| 4 | Fred. C. Stevens*  | Rep. | St. Paul.    |
| 5 | Loren Fletcher*    | Rep. | Minneapolis. |
| 6 | Page Morris*       | Rep. | Duluth.      |
| 7 | Frank M. Eddy*     | Rep. | Glenwood.    |

MISSISSIPPI.

|   |                         |      |             |
|---|-------------------------|------|-------------|
| 1 | Ezekiel S. Candler, Jr. | Dem. | Corinth.    |
| 2 | Thomas Spight*          | Dem. | Ripley.     |
| 3 | Patrick Henry*          | Dem. | Vicksburg.  |
| 4 | Andrew F. Fox*          | Dem. | West Point. |
| 5 | John S. Williams*       | Dem. | Yazoo.      |
| 6 | Frank A. McLain*        | Dem. | Gloster.    |
| 7 | Charles E. Hooker†      | Dem. | Jackson.    |

MISSOURI.

|    |                       |      |                 |
|----|-----------------------|------|-----------------|
| 1  | James T. Lloyd*       | Dem. | Shelbyville.    |
| 2  | W. W. Rucker*         | Dem. | Keytesville.    |
| 3  | John Dougherty*       | Dem. | Liberty.        |
| 4  | Charles F. Cochran*   | Dem. | St. Joseph.     |
| 5  | William S. Cowherd*   | Dem. | Kansas City.    |
| 6  | David A. De Armond*   | Dem. | Butler.         |
| 7  | James Cooney*         | Dem. | Marshall.       |
| 8  | Dorsey W. Shackelford | Dem. | Jefferson City. |
| 9  | Champ Clark*          | Dem. | Bowling Green.  |
| 10 | Richard Bartholdt*    | Rep. | St. Louis.      |
| 11 | Charles F. Joy*       | Rep. | St. Louis.      |
| 12 | James J. Butler       | Rep. | St. Louis.      |
| 13 | Edward Robb*          | Dem. | Perryville.     |
| 14 | Willard D. Vandiver*  | Dem. | Cape Girardeau. |
| 15 | Mæconas E. Benton*    | Dem. | Neosho.         |

MONTANA.

|   |                  |      |          |
|---|------------------|------|----------|
| 1 | Caldwell Edwards | Pop. | Bozeman. |
|---|------------------|------|----------|

NEBRASKA.

|   |                         |      |               |
|---|-------------------------|------|---------------|
| 1 | Elmer J. Burkett*       | Rep. | Lincoln.      |
| 2 | David H. Mercer*        | Rep. | Omaha.        |
| 3 | John S. Robinson*       | Dem. | Madison.      |
| 4 | William L. Stark*       | Pop. | Aurora.       |
| 5 | Ashton C. Shallenberger | Dem. | Alma.         |
| 6 | William Neville*        | Pop. | North Platte. |

NEVADA.

|   |                      |      |       |
|---|----------------------|------|-------|
| 1 | Francis G. Nowlands* | Dem. | Reno. |
|---|----------------------|------|-------|

NEW HAMPSHIRE.

|   |                    |      |             |
|---|--------------------|------|-------------|
| 1 | Cyrus A. Sulloway* | Rep. | Manchester. |
| 2 | Frank D. Currie    | Rep. | Canaan.     |

NEW JERSEY.

| Dist. | Representative.        | Politics. | P. O. Address. |
|-------|------------------------|-----------|----------------|
| 1     | Henry C. Loudenslager* | Rep.      | Paulsboro.     |
| 2     | John J. Gardner*       | Rep.      | Atlantic City. |
| 3     | Benjamin F. Howell*    | Rep.      | New Brunswick. |
| 4     | DeWitt C. Flanagan*    | Dem.      | Morristown.    |
| 5     | James F. Stewart*      | Rep.      | Paterson.      |
| 6     | Richard Wayne Parker*  | Rep.      | Newark.        |
| 7     | Allan L. McDermott*    | Dem.      | Jersey City.   |
| 8     | Charles N. Fowler*     | Rep.      | Elizabeth.     |

NEW YORK.

|    |                       |      |                |
|----|-----------------------|------|----------------|
| 1  | Frederick Storm       | Rep. | Bayside, L. I. |
| 2  | John J. Fitzgerald*   | Dem. | Brooklyn.      |
| 3  | Henry Bristow         | Rep. | Brooklyn.      |
| 4  | Harry A. Hanbury*     | Rep. | Brooklyn.      |
| 5  | Frank E. Wilson*      | Dem. | Brooklyn.      |
| 6  | George H. Lindsay     | Dem. | Brooklyn.      |
| 7  | Montague Lessler      | Rep. | New York.      |
| 8  | Thomas J. Creamer     | Dem. | New York.      |
| 9  | Henry M. Goldtogle    | Dem. | New York.      |
| 10 | Edward Swann          | Dem. | New York.      |
| 11 | William Sulzer*       | Dem. | New York.      |
| 12 | George B. McClellan*  | Dem. | New York.      |
| 13 | Oliver H. P. Belmont  | Dem. | New York.      |
| 14 | William H. Douglas    | Rep. | New York.      |
| 15 | Jacob Ruppert, Jr.*   | Dem. | New York.      |
| 16 | Cornelius A. Pugsley  | Dem. | Peekskill.     |
| 17 | Arthur S. Tompkins*   | Rep. | Nyack.         |
| 18 | John H. Ketcham*      | Rep. | Dover Plains.  |
| 19 | William H. Draper     | Rep. | Lansingburg.   |
| 20 | George N. Southwick†  | Rep. | Albany.        |
| 21 | John K. Stewart*      | Rep. | Amsterdam.     |
| 22 | Lucius N. Littauer*   | Rep. | New York.      |
| 23 | Louis W. Emerson*     | Rep. | Warrensburg.   |
| 24 | Charles L. Knapp      | Rep. | Lowville.      |
| 25 | James S. Sherman*     | Rep. | Utica.         |
| 26 | John W. Dwight        | Rep. | Dryden.        |
| 27 | Michael E. Driscoll*  | Rep. | Syracuse.      |
| 28 | Sereno E. Payne*      | Rep. | Auburn.        |
| 29 | Charles W. Gillet*    | Rep. | Addison.       |
| 30 | James W. Wadsworth*   | Rep. | Geneseo.       |
| 31 | James Breck Perkins   | Rep. | Rochester.     |
| 32 | William H. Ryan*      | Dem. | Buffalo.       |
| 33 | De Alva S. Alexander* | Rep. | Buffalo.       |
| 34 | Edward B. Vreeland*   | Rep. | Salamanca.     |

NORTH CAROLINA.

|   |                     |      |                |
|---|---------------------|------|----------------|
| 1 | John H. Small*      | Dem. | Washington.    |
| 2 | Claude Kitchin      | Dem. | Scotland Neck. |
| 3 | Charles R. Thomas*  | Dem. | Newbern.       |
| 4 | Edward W. Poup*     | Dem. | Smithfield.    |
| 5 | William W. Kitchin* | Dem. | Roxboro.       |
| 6 | John D. Bellamy*    | Dem. | Wilmington.    |
| 7 | Theodore F. Klutz*  | Dem. | Salisbury.     |
| 8 | Spencer Blackburn   | Rep. | Winston.       |
| 9 | James M. Moody      | Rep. | Waynesville.   |

NORTH DAKOTA.

|   |                    |      |        |
|---|--------------------|------|--------|
| 1 | Thomas F. Marshall | Rep. | Oakes. |
|---|--------------------|------|--------|

OHIO.

|    |                        |      |               |
|----|------------------------|------|---------------|
| 1  | William B. Shattuck*   | Rep. | Cincinnati.   |
| 2  | Jacob H. Bromwell*     | Rep. | Cincinnati.   |
| 3  | Robert N. Nevin        | Rep. | Dayton.       |
| 4  | Robert B. Gordon*      | Dem. | St. Marys.    |
| 5  | John S. Snook          | Dem. | Paulding.     |
| 6  | Charles Q. Hildebrand† | Rep. | Wilmington.   |
| 7  | Thomas B. Kyle         | Rep. | Troy.         |
| 8  | William R. Warnock     | Rep. | Urbana.       |
| 9  | James H. Southard*     | Rep. | Toledo.       |
| 10 | Stephen R. Morgan*     | Rep. | Oak Hill.     |
| 11 | Charles H. Grosvenor*  | Rep. | Athens.       |
| 12 | Emmett Tompkins        | Rep. | Columbus.     |
| 13 | James A. Norton*       | Dem. | Tiffin.       |
| 14 | William W. Skiles      | Rep. | Shelby.       |
| 15 | Henry C. Van Voorhis*  | Rep. | Zanesville.   |
| 16 | Joseph J. Gill*        | Rep. | Staubenville. |
| 17 | John W. Cassingham     | Dem. | Coshocton.    |
| 18 | Robert W. Taylor*      | Rep. | Lishon.       |
| 19 | Chas. Dick*            | Rep. | Akron.        |
| 20 | Jacob A. Beidler       | Rep. | Cleveland.    |
| 21 | Theo. E. Burton*       | Rep. | Cleveland.    |

OREGON.

Dist. Representative. Politics. P. O. Address.
1 Thomas H. Tongue\*.....Rep..Hillsboro.
2 Malcolm A. Moody\*.....Rep..The Dalles.

PENNSYLVANIA.

At Large.

Galusha A. Grow\*.....Rep..Glenwood.
Robert H. Foerdoerer.....Rep..Philadelphia.
1 Henry H. Bingham\*.....Rep..Philadelphia.
2 Robert Adams, Jr.\*.....Rep..Philadelphia.
3 Henry Burk.....Rep..Philadelphia.
4 James R. Young\*.....Rep..Philadelphia.
5 Edward de V. Morrell\*.....Rep..Philadelphia.
6 Thomas S. Butler\*.....Rep..West Chester.
7 Irving P. Wanger\*.....Rep..Norristown.
8 Howard Mutchler†.....Dem..Easton.
9 Henry D. Green\*.....Dem..Reading.
10 H. Bard Cassel.....Rep..Marietta.
11 William Connell\*.....Rep..Scranton.
12 Henry W. Palmer.....Rep..Wilkes-Barre.
13 George R. Patterson.....Rep..Ashland.
14 Marlin E. Olmstead\*.....Rep..Harrisburg.
15 Charles Fred. Wright\*.....Rep..Susquehanna.
16 Elias Deemer.....Rep..Williamsport.
17 Alexander Billmyer.....Dem..Washingtonville.
18 Thaddeus M. Mahon\*.....Rep..Chambersburg.
19 Robert J. Lewis.....Rep..York.
20 Alvin Evans.....Rep..Ebensburg.
21 Summers M. Jack\*.....Rep..Indiana.
22 John Dalzell\*.....Rep..Pittsburgh.
23 William H. Graham\*.....Rep..Allentown.
24 Ernest F. Acheson\*.....Rep..Washington.
25 Joseph B. Showalter\*.....Rep..Chicoira.
26 Arthur L. Bates.....Rep..Meadville.
27 Joseph C. Sibley\*.....Rep..Franklin.
28 James K. Polk Hall.....Dem..Ridgway.

RHODE ISLAND.

1 Melville Bull\*.....Rep..Middletown.
2 Adin B. Capron\*.....Rep..Smithfield.

SOUTH CAROLINA.

1 William Elliott\*.....Dem..Beaufort.
2 W. Jasper Talbert\*.....Dem..Parksville.
3 Asbury C. Latimer\*.....Dem..Belton.
4 Joseph T. Johnson.....Dem..Spartanburg.
5 David E. Finley\*.....Dem..Yorkville.
6 Robert B. Scarborough.....Dem..Conway.
7 A. F. Lever.....Dem..Wallaceville.

SOUTH DAKOTA.

At Large.

Eben W. Martin.....Rep..Deadville.
Charles H. Burke\*.....Rep..Pierre.

TENNESSEE.

1 Walter P. Brownlow\*.....Rep..Jonesboro.
2 Henry R. Gibson\*.....Rep..Knoxville.
3 John A. Moon\*.....Dem..Chattanooga.
4 Charles E. Snodgrass.....Dem..Crossville.
5 James D. Richardson.....Dem..Murfreesboro.
6 John W. Gaines.....Dem..Nashville.
7 Lemuel P. Padgett.....Dem..Columbia.
8 Thetus W. Sims\*.....Dem..Linden.
9 Rice A. Pierce\*.....Dem..Union City.
10 Malcolm R. Patterson.....Dem..Memphis.

TEXAS.

Dist. Representative. Politics. P. O. Address.
1 Thomas H. Ball\*.....Dem..Huntsville.
2 Sam. Bronson Cooper\*.....Dem..Beaumont.
3 Gordon Russell.....Dem..Tyler.
4 John L. Sheppard.....Dem..Texarkana.
5 Choice B. Randell.....Dem..Sherman.
6 Dudley G. Wooten.....Dem..Dallas.
7 Robert L. Henry\*.....Dem..Waco.
8 Samuel W. T. Lanham\*.....Dem..Weatherford.
9 Albert S. Burleson\*.....Dem..Austin.
10 George F. Burgess.....Dem..Gonzales.
11 Rudolph Kleberg\*.....Dem..Ceno.
12 James H. Slayden\*.....Dem..San Antonio
13 John L. Stephens\*.....Dem..Vernon.

UTAH.

1 George Sutherland\*.....Dem..Salt Lake City.

VERMONT.

1 David J. Foster.....Rep..Burlington.
2 Kittredge Haskins.....Rep..Brattleboro.

VIRGINIA.

1 William A. Jones\*.....Dem..Warsaw.
2 Harry L. Maynard.....Dem..Portsmouth.
3 John Lamb\*.....Dem..Richmond.
4 Francis E. Lassiter\*.....Dem..Petersburg.
5 Claude A. Swanson\*.....Dem..Chatham.
6 Carter Glass.....Dem..Lynchburg.
7 James Hay\*.....Dem..Madison.
8 John F. Rixey\*.....Dem..Brandy.
9 William F. Rhea\*.....Dem..Bristol.
10 Henry D. Flood.....Dem..W. Appomattox.

WASHINGTON.

At Large.

Wesley L. Jones\*.....Rep..Yakima.
Francis W. Cushman\*.....Rep..Tacoma.

WEST VIRGINIA.

1 Blackburn B. Dovener\*.....Rep..Wheeling.
2 Alston G. Dayton\*.....Rep..Phillippi.
3 Joseph Holt Gaines.....Rep..Charleston.
4 James A. Hughes.....Rep..Huntington.

WISCONSIN.

1 Henry A. Cooper\*.....Rep..Racine.
2 Herman B. Dahle\*.....Rep..Mount Horeb.
3 Joseph W. Babcock\*.....Rep..Necedah.
4 Theobald Otjen.....Rep..Milwaukee.
5 Samuel S. Barney\*.....Rep..West Bend.
6 James H. Davidson\*.....Rep..Oshkosh.
7 John J. Esch\*.....Rep..La Crosse.
8 Edward S. Minor\*.....Rep..Sturgeon Bay.
9 Webster E. Brown.....Rep..Rhinelander.
10 John J. Jenkins\*.....Rep..Chippewa Falls.

WYOMING.

1 Frank W. Mondell\*.....Rep..Newcastle.

DELEGATES FROM THE TERRITORIES.

ARIZONA.

Mark A. Smith†.....Dem..Tucson.

NEW MEXICO.

Bernard S. Rodey.....Rep..Albuquerque.

OKLAHOMA.

Dennis T. Flynn\*.....Rep..Guthrie.

HAWAII.

Robert W. Wilcox\*.....Ind..Honolulu.

Resident Commissioner from Porto Rico, Frederico Degetau.

Republicans, 201; Democrats, 151; Populists, 4; Silverites, 1.

\* Served in the Fifty-sixth Congress. † Served in a previous Congress.

RATIO OF REPRESENTATION IN THE U. S. HOUSE OF REPRESENTATIVES.

Table with 3 columns: Year (1789-1903), Constitution (1793-1913), and Ratio (30,000-194,182). Rows show ratios for various years and the 1793 and 1913 constitutions.

## The Fifty-eighth Congress.

BEGINS MARCH 4, 1903, AND ENDS MARCH 4, 1905.

### SENATE.

| <i>Terms<br/>Expire.</i> | <i>Senators.</i>             | <i>P. O. Address.</i> |
|--------------------------|------------------------------|-----------------------|
| 1907..                   | John T. Morgan, D.....       | Selma.                |
| 1909..                   | A Democrat.                  |                       |
| ARKANSAS.                |                              |                       |
| 1907..                   | James H. Berry, D.....       | Bentonville.          |
| 1909..                   | A Democrat.                  |                       |
| CALIFORNIA.              |                              |                       |
| 1909..                   | A Republican.                |                       |
| 1905..                   | Thomas R. Bard, R.....       | Hueneme.              |
| COLORADO.                |                              |                       |
| 1907..                   | T. MacD. Patterson, D.....   | Denver.               |
| 1909..                   | A Democrat.                  |                       |
| CONNECTICUT.             |                              |                       |
| 1909..                   | A Republican.                |                       |
| 1905..                   | Joseph R. Hawley, R.....     | Hartford.             |
| DELAWARE.                |                              |                       |
| 1907..                   | A Republican.                |                       |
| 1905..                   | A Republican.                |                       |
| FLORIDA.                 |                              |                       |
| 1909..                   | A Democrat.                  |                       |
| 1905..                   | James P. Tallafarro, D.....  | Jacksonville.         |
| GEORGIA.                 |                              |                       |
| 1907..                   | Augustus O. Bacon, D.....    | Macon.                |
| 1909..                   | Alexander S. Clay, D.....    | Marietta.             |
| IDAHO.                   |                              |                       |
| 1907..                   | Fred. T. Dubols, R.....      | Blackfoot.            |
| 1909..                   | A Republican.                |                       |
| ILLINOIS.                |                              |                       |
| 1907..                   | Shelby M. Cullom, R.....     | Springfield.          |
| 1909..                   | A Republican.                |                       |
| INDIANA.                 |                              |                       |
| 1909..                   | A Republican.                |                       |
| 1905..                   | Albert J. Beveridge, R.....  | Indianapolis.         |
| IOWA.                    |                              |                       |
| 1907..                   | Jonathan P. Dolliver, R..... | Fort Dodge.           |
| 1909..                   | William B. Allison, R.....   | Dubuque.              |
| KANSAS.                  |                              |                       |
| 1907..                   | Joseph R. Burton, R.....     | Ablene.               |
| 1909..                   | A Republican.                |                       |
| KENTUCKY.                |                              |                       |
| 1907..                   | Jos. C. S. Blackburn, D..... | Versailles.           |
| 1909..                   | James B. McCreary, D.....    |                       |
| LOUISIANA.               |                              |                       |
| 1907..                   | Murphy D. Foster, D.....     | Franklin.             |
| 1909..                   | Samuel D. McEnery, D.....    | New Orleans.          |
| MAINE.                   |                              |                       |
| 1907..                   | William P. Frye, R.....      | Lewiston.             |
| 1905..                   | Eugene Hale, R.....          | Ellsworth.            |
| MARYLAND.                |                              |                       |
| 1909..                   | Arthur P. Gorman, D.....     | Laurel.               |
| 1905..                   | Louis E. McComas, R.....     | Williamsport.         |
| MASSACHUSETTS.           |                              |                       |
| 1907..                   | George F. Hoar, R.....       | Worcester.            |
| 1905..                   | Henry Cabot Lodge, R.....    | Nahant.               |
| MICHIGAN.                |                              |                       |
| 1907..                   | Russell A. Alger, R.*.....   | Detroit.              |
| 1905..                   | Julius C. Burrows, R.....    | Kalamazoo.            |
| MINNESOTA.               |                              |                       |
| 1907..                   | Knute Nelson, R.....         | Alexandria.           |
| 1905..                   | Moses E. Clapp, R.....       | St. Paul.             |
| MISSISSIPPI.             |                              |                       |
| 1907..                   | Anselm J. McLaurin, D.....   | Brandon.              |
| 1905..                   | Hernando D. Money, D.....    | Carrollton.           |
| MISSOURI.                |                              |                       |
| 1909..                   | A Democrat.                  |                       |
| 1905..                   | Francis M. Cockrell, D.....  | Warrensburg.          |
| MONTANA.                 |                              |                       |
| 1905..                   | Paul Gibson, D.....          | Great Falls.          |
| 1907..                   | William A. Clark, D.....     | Butte.                |

| <i>Terms<br/>Expire.</i> | <i>Senators.</i>              | <i>P. O. Address.</i> |
|--------------------------|-------------------------------|-----------------------|
| 1905..                   | Charles H. Dietrich, R.....   | Hastings.             |
| 1907..                   | Joseph S. Millard, R.....     | Omaha.                |
| NEVADA.                  |                               |                       |
| 1907..                   | A Democrat.                   |                       |
| 1905..                   | William M. Stewart, R.....    | Carson City.          |
| NEW HAMPSHIRE.           |                               |                       |
| 1907..                   | Henry E. Burnham, R.....      | Manchester.           |
| 1909..                   | A Republican.                 |                       |
| NEW JERSEY.              |                               |                       |
| 1907..                   | John F. Dryden, R.....        | Newark.               |
| 1905..                   | John Kean, R.....             | Elizabeth.            |
| NEW YORK.                |                               |                       |
| 1909..                   | A Republican.                 |                       |
| 1905..                   | Chauncey M. Depew, R.....     | New York City.        |
| NORTH CAROLINA.          |                               |                       |
| 1907..                   | Fernfold M. Simmons, D.....   | Raleigh.              |
| 1909..                   | A Democrat.                   |                       |
| NORTH DAKOTA.            |                               |                       |
| 1909..                   | A Republican.                 |                       |
| 1905..                   | Porter J. McCumber, R.....    | Wahpeton.             |
| OHIO.                    |                               |                       |
| 1909..                   | Joseph B. Foraker, R.....     | Cincinnati.           |
| 1905..                   | Marcus A. Hanna, R.....       | Cleveland.            |
| OREGON.                  |                               |                       |
| 1907..                   | John H. Mitchell, R.....      | Portland.             |
| 1909..                   | A Republican.                 |                       |
| PENNSYLVANIA.            |                               |                       |
| 1909..                   | A Republican.                 |                       |
| 1905..                   | Matt. S. Quay, R.....         | Beaver.               |
| RHODE ISLAND.            |                               |                       |
| 1907..                   | George P. Wetmore, R.....     | Newport.              |
| 1905..                   | Nelson W. Aldrich, R.....     | Providence.           |
| SOUTH CAROLINA.          |                               |                       |
| 1907..                   | Benjamin R. Tillman, D.....   | Trenton.              |
| 1909..                   | A Democrat.                   |                       |
| SOUTH DAKOTA.            |                               |                       |
| 1907..                   | Robert J. Gamble, R.....      | Yankton.              |
| 1909..                   | A Republican.                 |                       |
| TENNESSEE.               |                               |                       |
| 1907..                   | Edward W. Carmack, D.....     | Memphis.              |
| 1905..                   | William B. Bate, D.....       | Nashville.            |
| TEXAS.                   |                               |                       |
| 1907..                   | Joseph W. Bailey, D.....      | Gainesville.          |
| 1905..                   | Charles A. Culberson, D.....  | Dallas.               |
| UTAH.                    |                               |                       |
| 1909..                   | A Republican.                 |                       |
| 1905..                   | Thomas Kearns, R.....         | Salt Lake City.       |
| VERMONT.                 |                               |                       |
| 1909..                   | William P. Dillingham, R..... | Waterbury.            |
| 1905..                   | Redfield Proctor, R.....      | Proctor.              |
| VIRGINIA.                |                               |                       |
| 1907..                   | Thomas S. Martin, D.....      | Scottsville.          |
| 1905..                   | John W. Daniel, D.....        | Lynchburg.            |
| WASHINGTON.              |                               |                       |
| 1909..                   | A Republican.                 |                       |
| 1905..                   | Addison G. Foster, R.....     | Tacoma.               |
| WEST VIRGINIA.           |                               |                       |
| 1907..                   | Stephen B. Elkins, R.....     | Elkins.               |
| 1905..                   | Nathan B. Scott, R.....       | Wheeling.             |
| WISCONSIN.               |                               |                       |
| 1909..                   | A Republican.                 |                       |
| 1905..                   | Joseph V. Quarles, R.....     | Milwaukee.            |
| WYOMING.                 |                               |                       |
| 1907..                   | Francis E. Warren, R.....     | Cheyenne.             |
| 1905..                   | Clarence D. Clark, R.....     | Evanston.             |

Total number of Senators 90, of whom 58 will be Republicans and 32 Democrats.

\*Appointed by Governor to fill vacancy caused by the death of James McMillan, whose term would have expired in 1907. His successor will be elected by the Legislature in January, 1903.

## HOUSE OF REPRESENTATIVES—ELECT.

## ALABAMA.

Dist. Representative. Politics. P. O. Address.

- 1 George W. Taylor\*.....Dem..Demopolis.
- 2 Ariosto A. Wiley\*.....Dem..Montgomery.
- 3 Henry D. Clayton\*.....Dem..Eufaula.
- 4 Sidney J. Bowie\*.....Dem..Anniston.
- 5 Charles W. Thompson\*.....Dem..Tuskegee.
- 6 John H. Bankhead\*.....Dem..Fayette.
- 7 John L. Burnett\*.....Dem..Gadsden.
- 8 William Richardson\*.....Dem..Huntsville.
- 9 Oscar W. Underwood\*.....Dem..Birmingham.

## ARKANSAS.

- 1 R. Bruce Macon.....Dem..Helena.
- 2 S. Brundidge, Jr.\*.....Dem..Searcy.
- 3 Hugh A. Dinsmore\*.....Dem..Fayetteville.
- 4 John S. Little\*.....Dem..Greenwood.
- 5 Charles C. Reid.....Dem..Morrilton.
- 6 R. M. Wallace.....Dem..Magnolia.

## CALIFORNIA.

- 1 J. N. Gillette.....Rep..Eureka.
- 2 Theodore A. Bell.....Dem..Napa.
- 3 Victor H. Metcalf\*.....Rep..Oakland.
- 4 E. J. Livernash.....Dem..San Francisco.
- 5 William J. Wynn.....Dem..San Francisco.
- 6 James C. Needham\*.....Rep..Modesto.
- 7 James McLachlan\*.....Rep..Pasadena.
- 8 M. J. Daniels.....Rep..Riverside.

## COLORADO.

At Large.

Franklin E. Brooks, ... Rep..Colorado Springs.

- 1 John F. Shafroth\*.....Dem..Denver.
- 2 H. M. Hogg.....Rep..Telluride.

## CONNECTICUT.

- 1 George L. Lilley.....Rep..Waterbury.
- 2 E. Stevens Henry\*.....Rep..Rockville.
- 3 Nehemiah D. Sperry\*.....Rep..New Haven.
- 4 Frank B. Brandegee\*.....Rep..New London.
- 5 Ebenezer J. Hill\*.....Rep..Norwalk.

## DELAWARE.

- 1 Henry M. Houston.....Dem..Millsboro.

## FLORIDA.

- 1 Stephen M. Sparkman\*.....Dem..Tampa.
- 2 Robert W. Davis\*.....Dem..Palatka.
- 3 William B. Lamar.....Dem..Monticello.

## GEORGIA.

- 1 Rufus F. Lester\*.....Dem..Savannah.
- 2 James M. Griggs\*.....Dem..Dawson.
- 3 Elijah B. Lewis\*.....Dem..Montezuma.
- 4 Wm. C. Adamsou\*.....Dem..Carrollton.
- 5 L. F. Livingston\*.....Dem..Kings.
- 6 Charles L. Bartlett\*.....Dem..Macon.
- 7 John W. Maddox\*.....Dem..Rome.
- 8 William M. Howard\*.....Dem..Lexington.
- 9 Farish C. Tate\*.....Dem..Jasper.
- 10 T. W. Hardwick.....Dem..Sanderville.
- 11 Wm. G. Brantley\*.....Dem..Brunswick.

## IDAHO.

- 1 Burton L. French.....Rep..Moscow.

## ILLINOIS.

- 1 Martin Emerich.....Dem..Chicago.
- 2 James R. Mann\*.....Rep..Chicago.
- 3 William W. Wilson\*.....Rep..Chicago.
- 4 George P. Foster\*.....Dem..Chicago.
- 5 James McAndrews\*.....Dem..Chicago.
- 5 William Lorimer\*.....Rep..Chicago.
- 7 Philip Knopf.....Rep..Chicago.
- 8 William F. Mahony\*.....Dem..Chicago.
- 9 Henry S. Boutell\*.....Rep..Chicago.
- 10 George E. Foss\*.....Rep..Chicago.
- 11 H. M. Snapp.....Rep..Joliet.
- 12 Chas. E. Fuller.....Rep..Belvidere.
- 13 Robert R. Hitt\*.....Rep..Mount Morris.
- 14 Benjamin F. Marsh\*.....Rep..Warsaw.
- 15 George W. Prince\*.....Rep..Galesburg.

## ILLINOIS—Continued.

Dist. Representative. Politics. P. O. Address.

- 16 Joseph V. Graff\*.....Rep..Pekin.
- 17 J. A. Sterling.....Rep..Bloomington.
- 18 Joseph G. Cannon\*.....Rep..Danville.
- 19 Vespasian Warner\*.....Rep..Clinton.
- 20 H. T. Rainey.....Dem..Carrollton.
- 21 Ben. F. Caldwell\*.....Dem..Chatham.
- 22 Wm. A. Rodenburg\*.....Rep..East St. Louis.
- 23 Joseph B. Crowley\*.....Dem..Robinson.
- 24 James R. Williams\*.....Dem..Carmi.
- 25 George W. Smith\*.....Rep..Murphysboro.

## INDIANA.

- 1 James A. Hemenway\*.....Rep..Booneville.
- 2 Robert W. Miers\*.....Dem..Bloomington.
- 3 William T. Zenor\*.....Dem..Corydon.
- 4 Francis M. Griffith\*.....Dem..Vevay.
- 5 Elias S. Holliday\*.....Rep..Brazil.
- 6 James E. Watson\*.....Rep..Rushville.
- 7 Jesse Overstreet\*.....Rep..Indianapolis.
- 8 George W. Cromer\*.....Rep..Muncie.
- 9 Charles B. Landis\*.....Rep..Delphi.
- 10 E. D. Crumpacker\*.....Rep..Valparaiso.
- 11 Frederick K. Landis.....Rep..Logansport.
- 12 James M. Roblson\*.....Dem..Fort Wayne.
- 13 Abraham L. Brick\*.....Rep..South Bend.

## IOWA.

- 1 Thomas Hedge\*.....Rep..Burlington.
- 2 Martin J. Wade.....Dem..Iowa City.
- 3 B. P. Birdsall.....Rep..Clarion.
- 4 Gilbert N. Haugen\*.....Rep..Northwood.
- 5 Robert G. Cousins\*.....Rep..Tipton.
- 6 John F. Lacey\*.....Rep..Oskaloosa.
- 7 John A. T. Hull\*.....Rep..Des Moines.
- 8 William P. Hepburn\*.....Rep..Clarinda.
- 9 Walter I. Smith\*.....Rep..Council Bluffs.
- 10 James P. Conner\*.....Rep..Denison.
- 11 Lot Thomas\*.....Rep..Storm Lake.

## KANSAS.

At Large.

- 1 Charles F. Scott\*.....Rep..Iola.
- 1 Charles Curtis\*.....Rep..Topeka.
- 2 Justin D. Bowersock\*.....Rep..Lawrence.
- 3 P. P. Campbell.....Rep..Pittsburg.
- 4 James M. Miller\*.....Rep..Council Grove.
- 5 Wm. A. Calderhead\*.....Rep..Marysville.
- 6 William A. Reeder\*.....Rep..Logan.
- 7 Chester I. Long\*.....Rep..Medicine Lodge.

## KENTUCKY.

- 1 Ollie James.....Dem..Marion.
- 2 O. A. Stanley.....Dem..Henderson.
- 3 John S. Rheaf.....Dem..Russellville.
- 4 David H. Smith\*.....Dem..Hodgensville.
- 5 Swager Sherley.....Dem..Louisville.
- 6 D. Linn Gooch\*.....Dem..Covington.
- 7 South Trimble\*.....Dem..Frankfort.
- 8 George G. Gilbert\*.....Dem..Shelbyville.
- 9 James N. Kehoe\*.....Dem..Maysville.
- 10 F. A. Hopkins.....Dem..Prestonsburg.
- 11 Vincent Boring\*.....Rep..London.

## LOUISIANA.

- 1 Adolph Meyer\*.....Dem..New Orleans.
- 2 Robert C. Davey\*.....Dem..New Orleans.
- 3 Robert F. Broussard\*.....Dem..New Iberia.
- 4 Phamor Brazeale\*.....Dem..Natchitoches.
- 5 Joseph E. Ransdell\*.....Dem..Lake Providence.
- 6 Samuel M. Robertson\*.....Dem..Baton Rouge.
- 7 A. P. Pujot.....Dem..Lake Charles.

## MAINE.

- 1 Amos L. Allen\*.....Rep..Alfred.
- 2 Charles E. Littlefield\*.....Rep..Rockland.
- 3 Edwin C. Burleigh\*.....Rep..Augusta.
- 4 Llewellyn Powers\*.....Rep..Houlton.

MARYLAND.

| Dist. | Representative.  | Politics. | P. O. Address.    |
|-------|------------------|-----------|-------------------|
| 1     | W. H. Jackson    | .....     | Rep. Salisbury.   |
| 2     | J. F. C. Talbott | .....     | Dem. Lutherville. |
| 3     | Frank C. Wachter | .....     | Rep. Baltimore.   |
| 4     | J. W. Denuy      | .....     | Dem. Baltimore.   |
| 5     | Sydney E. Mudd   | .....     | Rep. La Plata.    |
| 6     | George A. Pearce | .....     | Rep. Cumberland.  |

MASSACHUSETTS.

|    |                      |       |                   |
|----|----------------------|-------|-------------------|
| 1  | George P. Lawrence   | ..... | Rep. North Adams. |
| 2  | Frederick H. Gillett | ..... | Rep. Springfield. |
| 3  | John R. Thayer       | ..... | Dem. Worcester.   |
| 4  | Charles Q. Tirrell   | ..... | Rep. Natick.      |
| 5  | Butler Ames          | ..... | Rep. Lowell.      |
| 6  | A. P. Gardner        | ..... | Rep. Hamilton.    |
| 7  | Ernest W. Roberts    | ..... | Rep. Chelsea.     |
| 8  | Samuel W. McCall     | ..... | Rep. Winchester.  |
| 9  | J. A. Kellher        | ..... | Dem. Boston.      |
| 10 | W. S. McNary         | ..... | Dem. Boston.      |
| 11 | John A. Sullivan     | ..... | Dem. Boston.      |
| 12 | Samuel L. Powers     | ..... | Rep. Newton.      |
| 13 | William C. Lovering  | ..... | Rep. Taunton.     |
| 14 | William S. Greene    | ..... | Rep. Fall River.  |

MICHIGAN.

|    |                    |       |                    |
|----|--------------------|-------|--------------------|
| 1  | Alfred Lucking     | ..... | Dem. Detroit.      |
| 2  | Chas. E. Townsend  | ..... | Rep. Jackson.      |
| 3  | Washington Gardner | ..... | Rep. Albion.       |
| 4  | Edw. L. Hamilton   | ..... | Rep. Niles.        |
| 5  | William A. Smith   | ..... | Rep. Grand Rapids. |
| 6  | Samuel W. Smith    | ..... | Rep. Pontiac.      |
| 7  | Henry McMoran      | ..... | Rep. Port Huron.   |
| 8  | Joseph W. Fordney  | ..... | Rep. Saginaw.      |
| 9  | Roswell P. Bishop  | ..... | Rep. Ludington.    |
| 10 | George A. Loud     | ..... | Rep. Oscoda.       |
| 11 | Arch. B. Darragh   | ..... | Rep. St. Louis.    |
| 12 | H. O. Young        | ..... | Rep. Ishpeming.    |

MINNESOTA.

|   |                      |       |                     |
|---|----------------------|-------|---------------------|
| 1 | James A. Tawney      | ..... | Rep. Winona.        |
| 2 | James T. McCleary    | ..... | Rep. Mankato.       |
| 3 | C. R. Davis          | ..... | Rep. St. Peter.     |
| 4 | Frederick C. Stevens | ..... | Rep. St. Paul.      |
| 5 | John Lindt           | ..... | Dem. Minneapolis.   |
| 6 | C. B. Buckman        | ..... | Rep. Little Falls.  |
| 7 | O. J. Volstead       | ..... | Rep. Granite Falls. |
| 8 | J. Adam Bede         | ..... | Rep. Pine City.     |
| 9 | Halvor Steenerson    | ..... | Rep. Crookston.     |

MISSISSIPPI.

|   |                     |       |                     |
|---|---------------------|-------|---------------------|
| 1 | E. S. Chandler, Jr. | ..... | Dem. Corinth.       |
| 2 | Thomas Spight       | ..... | Dem. Ripley.        |
| 3 | B. G. Humphreys     | ..... | Dem. Greenville.    |
| 4 | W. S. Hill          | ..... | Dem. Winona.        |
| 5 | A. M. Byrd          | ..... | Dem. Philadelphia.  |
| 6 | E. J. Bowers        | ..... | Dem. Bay St. Louis. |
| 7 | Frank A. McLean     | ..... | Dem. Gloster.       |
| 8 | John S. Williams    | ..... | Dem. Yazoo.         |

MISSOURI.

|    |                     |       |                      |
|----|---------------------|-------|----------------------|
| 1  | James T. Lloyd      | ..... | Dem. Shelbyville.    |
| 2  | William W. Rucker   | ..... | Dem. Keytesville.    |
| 3  | John Dougherty      | ..... | Dem. Liberty.        |
| 4  | Charles F. Cochran  | ..... | Dem. St. Joseph.     |
| 5  | William S. Cowherd  | ..... | Dem. Kansas City.    |
| 6  | D. A. De Armond     | ..... | Dem. Butler.         |
| 7  | C. W. Hamlin        | ..... | Dem. Springfield.    |
| 8  | D. W. Shackelford   | ..... | Dem. Jefferson City. |
| 9  | Champ Clark         | ..... | Dem. Bowling Green.  |
| 10 | Richard Bartholdt   | ..... | Rep. St. Louis.      |
| 11 | John T. Hunt        | ..... | Dem. St. Louis.      |
| 12 | James J. Butler     | ..... | Dem. St. Louis.      |
| 13 | Edward Robb         | ..... | Dem. Perryville.     |
| 14 | Willard D. Vandiver | ..... | Dem. Cape Girardeau. |
| 15 | Mecenas E. Benton   | ..... | Dem. Neosho.         |
| 16 | Robert Lamar        | ..... | Dem. Houston.        |

MONTANA.

|   |                 |       |                |
|---|-----------------|-------|----------------|
| 1 | Joseph M. Dixon | ..... | Rep. Missoula. |
|---|-----------------|-------|----------------|

NEBRASKA.

|   |                  |       |                |
|---|------------------|-------|----------------|
| 1 | Elmer J. Burkett | ..... | Rep. Lincoln.  |
| 2 | G. M. Hitchcock  | ..... | Dem. Omaha.    |
| 3 | J. J. McCarthy   | ..... | Rep. Ponca.    |
| 4 | E. H. Hinshaw    | ..... | Rep. Fairbury. |
| 5 | George W. Norris | ..... | Rep. McCook.   |
| 6 | M. P. Kinkaid    | ..... | Rep. O'Neill.  |

NEVADA.

| Dist. | Representative. | Politics. | P. O. Address. |
|-------|-----------------|-----------|----------------|
| 1     | D. Van Duzer    | .....     | Dem. Tonopah.  |

NEW HAMPSHIRE.

|   |                   |       |                  |
|---|-------------------|-------|------------------|
| 1 | Cyrus A. Sulloway | ..... | Rep. Manchester. |
| 2 | Frank D. Currier  | ..... | Rep. Canaan.     |

NEW JERSEY.

|    |                    |       |                     |
|----|--------------------|-------|---------------------|
| 1  | H. C. Loudenslager | ..... | Rep. Paulsboro.     |
| 2  | John J. Gardner    | ..... | Rep. Atlantic City. |
| 3  | Benjamin F. Howell | ..... | Rep. New Brunswick. |
| 4  | William M. Lanning | ..... | Rep. Trenton.       |
| 5  | Charles N. Fowler  | ..... | Rep. Elizabeth.     |
| 6  | William Hughes     | ..... | Dem. Paterson.      |
| 7  | R. Wayne Parker    | ..... | Rep. Newark.        |
| 8  | William H. Wiley   | ..... | Rep. East Orange.   |
| 9  | Allan Benny        | ..... | Dem. Jersey City.   |
| 10 | Allan L. McDermott | ..... | Dem. Jersey City.   |

NEW YORK.

|    |                     |       |                    |
|----|---------------------|-------|--------------------|
| 1  | Townsend Scudder    | ..... | Dem. Brooklyn.     |
| 2  | George H. Lindsay   | ..... | Dem. Brooklyn.     |
| 3  | Charles T. Dunwell  | ..... | Rep. Brooklyn.     |
| 4  | Frank E. Wilson     | ..... | Dem. Brooklyn.     |
| 5  | E. M. Bassett       | ..... | Dem. Brooklyn.     |
| 6  | Robert H. Baker     | ..... | Dem. Brooklyn.     |
| 7  | John J. Fitzgerald  | ..... | Dem. New York.     |
| 8  | T. D. Sullivan      | ..... | Dem. New York.     |
| 9  | Henry M. Goldfogle  | ..... | Dem. New York.     |
| 10 | William Sulzer      | ..... | Dem. New York.     |
| 11 | William B. Hearst   | ..... | Dem. New York.     |
| 12 | George B. McClellan | ..... | Dem. New York.     |
| 13 | F. B. Harrison      | ..... | Dem. New York.     |
| 14 | Ira E. Rider        | ..... | Dem. New York.     |
| 15 | William H. Douglas  | ..... | Rep. New York.     |
| 16 | Jacob Ruppert       | ..... | Dem. New York.     |
| 17 | F. E. Schoben       | ..... | Dem. New York.     |
| 18 | Joseph A. Goulden   | ..... | Dem. New York.     |
| 19 | Norton P. Otis      | ..... | Rep. Yonkers.      |
| 20 | Thomas W. Bradley   | ..... | Rep. Walden.       |
| 21 | John H. Ketcham     | ..... | Rep. Dover Plains. |
| 22 | William H. Draper   | ..... | Rep. Lansingburg.  |
| 23 | George N. Southwick | ..... | Rep. Albany.       |
| 24 | George J. Smith     | ..... | Rep. Kingston.     |
| 25 | Lucius N. Littauer  | ..... | Rep. Gloversville. |
| 26 | W. H. Flack         | ..... | Rep. Malone.       |
| 27 | James S. Sherman    | ..... | Rep. Utica.        |
| 28 | Charles L. Knapp    | ..... | Rep. Lowville.     |
| 29 | Michael E. Driscoll | ..... | Rep. Syracuse.     |
| 30 | John W. Dwight      | ..... | Rep. Dryden.       |
| 31 | Sereno E. Payne     | ..... | Rep. Auburn.       |
| 32 | James Brick Perkins | ..... | Rep. Rochester.    |
| 33 | Charles W. Gillet   | ..... | Rep. Addison.      |
| 34 | James W. Wadsworth  | ..... | Rep. Genesee.      |
| 35 | William H. Ryan     | ..... | Dem. Buffalo.      |
| 36 | De A. S. Alexander  | ..... | Rep. Buffalo.      |
| 37 | Edw. B. Vreeland    | ..... | Rep. Salamanca.    |

NORTH CAROLINA.

|    |                    |       |                     |
|----|--------------------|-------|---------------------|
| 1  | John H. Small      | ..... | Dem. Washington.    |
| 2  | Clande Kitchin     | ..... | Dem. Scotland Neck. |
| 3  | Charles R. Thomas  | ..... | Dem. Newbern.       |
| 4  | Edward W. Pou      | ..... | Dem. Smithfield.    |
| 5  | William W. Kitchin | ..... | Dem. Roxboro.       |
| 6  | G. B. Patterson    | ..... | Dem. Maxton.        |
| 7  | Robert N. Page     | ..... | Dem. Aberdeen.      |
| 8  | Theodore F. Kluttz | ..... | Dem. Salisbury.     |
| 9  | E. Y. Webb         | ..... | Dem. Shelby.        |
| 10 | J. M. Gudger, Jr.  | ..... | Dem. Asheville.     |

NORTH DAKOTA.

At Large.

|   |                    |       |             |
|---|--------------------|-------|-------------|
| • | Thomas F. Marshall | ..... | Rep. Oakes. |
|   | B. F. Spalding     | ..... | Rep. Fargo. |

OHIO.

|    |                       |       |                  |
|----|-----------------------|-------|------------------|
| 1  | Nicholas Longworth    | ..... | Rep. Cincinnati. |
| 2  | H. P. Goebel          | ..... | Rep. Cincinnati. |
| 3  | Robert M. Nevin       | ..... | Rep. Dayton.     |
| 4  | H. C. Garber          | ..... | Dem. Greenville. |
| 5  | John S. Snook         | ..... | Dem. Paulding.   |
| 6  | Charles Q. Hildebrand | ..... | Rep. Wilmington. |
| 7  | Thomas B. Kyle        | ..... | Rep. Troy.       |
| 8  | William R. Warnock    | ..... | Rep. Urbana.     |
| 9  | James H. Southard     | ..... | Rep. Toledo.     |
| 10 | Stephen Morgan        | ..... | Rep. Oak Hill.   |

## OHIO—Continued.

| Dist. | Representative.       | Politics. | P. O. Address. |
|-------|-----------------------|-----------|----------------|
| 11    | Charles H. Grosvenor* | Rep.      | Athens.        |
| 12    | De Witt C. Badger     | Dem.      | Columbus.      |
| 13    | A. H. Jackson         | Rep.      | Fremont.       |
| 14    | William W. Skiles*    | Rep.      | Shelby.        |
| 15    | Henry C. Van Voorhis* | Rep.      | Zanesville.    |
| 16    | Joseph J. Gill*       | Rep.      | Steubenville.  |
| 17    | John W. Cassingham*   | Dem.      | Coshocton.     |
| 18    | James Kennedy         | Rep.      | Youngstown.    |
| 19    | Charles Dick*         | Rep.      | Akron.         |
| 20    | Jacob A. Beidler*     | Rep.      | Willoughby.    |
| 21    | Theo. E. Burton*      | Rep.      | Cleveland.     |

## OREGON.

|   |                   |      |             |
|---|-------------------|------|-------------|
| 1 | Thomas H. Tongue* | Rep. | Hillsboro.  |
| 2 | J. N. Willlamson* | Rep. | Prineville. |

## PENNSYLVANIA.

|    |                       |      |               |
|----|-----------------------|------|---------------|
| 1  | Henry H. Bingham*     | Rep. | Philadelphia. |
| 2  | Robert Adams, Jr.*    | Rep. | Philadelphia. |
| 3  | Henry Burk*           | Rep. | Philadelphia. |
| 4  | R. H. Foederer*       | Rep. | Philadelphia. |
| 5  | Edward de V. Morrell* | Rep. | Philadelphia. |
| 6  | George D. McCreary*   | Rep. | Philadelphia. |
| 7  | Thomas S. Butler*     | Rep. | West Chester. |
| 8  | Irving P. Wauger*     | Rep. | Norristown.   |
| 9  | H. Burd Cassel*       | Rep. | Marietta.     |
| 10 | George Howell         | Dem. | Scranton.     |
| 11 | Henry W. Palmer*      | Rep. | Wilkes-Barre. |
| 12 | Geo. R. Patterson*    | Rep. | Ashland.      |
| 13 | Marcus C. L. Kline    | Dem. | Allentown.    |
| 14 | Chas. Fred. Wright*   | Rep. | Susquehanna.  |
| 15 | Elias Deemer*         | Rep. | Williamsport. |
| 16 | Charles H. Dickerman  | Dem. | Milton.       |
| 17 | Thaddeus M. Mahon*    | Rep. | Chambersburg. |
| 18 | Marlin E. Olmsted*    | Rep. | Harrisburg.   |
| 19 | Alvin Evans*          | Rep. | Ebensburg.    |
| 20 | Daniel F. Lafaen      | Rep. | York.         |
| 21 | S. R. Dresser         | Rep. | Bradford.     |
| 22 | George F. Huff        | Rep. | Greensburg.   |
| 23 | Allen F. Cooper*      | Rep. | Uniontown.    |
| 24 | Ernest F. Acheson*    | Rep. | Washington.   |
| 25 | Arthur L. Bates*      | Rep. | Meadville.    |
| 26 | J. H. Shull           | Dem. | Stroudsburg.  |
| 27 | W. O. Smith           | Rep. | Punxsutawney. |
| 28 | Joseph C. Sibley*     | Rep. | Franklin.     |
| 29 | G. Shiras, III        | Rep. | Allegheny.    |
| 30 | John Dalzell*         | Rep. | Pittsburgh.   |
| 31 | H. Kirke Porter       | Rep. | Pittsburgh.   |
| 32 | James W. Brown        | Rep. | Pittsburgh.   |

## RHODE ISLAND.

|   |                  |      |             |
|---|------------------|------|-------------|
| 1 | D. L. D. Granger | Dem. | Providence. |
| 2 | Adin B. Capron*  | Rep. | Smithfield. |

## SOUTH CAROLINA.

|   |                       |      |               |
|---|-----------------------|------|---------------|
| 1 | George S. Legare      | Dem. | Charleston.   |
| 2 | George W. Croft       | Dem. | Alken.        |
| 3 | Wyatt Alken           | Dem. | Abbeville.    |
| 4 | Joseph T. Johnson*    | Dem. | Yorkville.    |
| 5 | David E. Finley*      | Dem. | Sparksburg.   |
| 6 | Robt. B. Scarborough* | Dem. | Conway.       |
| 7 | A. F. Lever*          | Dem. | Wallaceville. |

## SOUTH DAKOTA.

## At Large.

|                  |      |           |
|------------------|------|-----------|
| Charles H. Burke | Rep. | Pierre.   |
| Eben W. Martin*  | Rep. | Deadwood. |

## TENNESSEE.

|    |                       |      |               |
|----|-----------------------|------|---------------|
| 1  | Walter P. Brownlow*   | Rep. | Jonesboro.    |
| 2  | Henry R. Gibson*      | Rep. | Knoxville.    |
| 3  | John A. Moon*         | Dem. | Chattanooga.  |
| 4  | M. T. Fitzpatrick*    | Dem. | Nashville.    |
| 5  | James D. Richardson*  | Dem. | Murfreesboro. |
| 6  | John W. Gaines*       | Dem. | Nashville.    |
| 7  | Lemuel P. Padgett*    | Dem. | Columbia.     |
| 8  | Thetus W. Sims*       | Dem. | Union.        |
| 9  | Rice A. Pierce*       | Dem. | Union City.   |
| 10 | Malcolm R. Patterson* | Dem. | Memphis.      |

## TEXAS.

| Dist. | Representative.     | Politics. | P. O. Address. |
|-------|---------------------|-----------|----------------|
| 1     | Morris Sheppard     | Dem.      | Texarkana.     |
| 2     | Sam. B. Cooper*     | Dem.      | Beaumont.      |
| 3     | J. G. Russell       | Dem.      | Tyler.         |
| 4     | Choice B. Randell*  | Dem.      | Sherman.       |
| 5     | J. A. Beall         | Dem.      | Waxahachie.    |
| 6     | Scott Field         | Dem.      | Calvert.       |
| 7     | A. W. Gregg         | Dem.      | Paestine.      |
| 8     | Thomas H. Ball*     | Dem.      | Huntsville.    |
| 9     | George F. Burgess*  | Dem.      | Gonzales.      |
| 10    | Albert S. Burleson* | Dem.      | Austin.        |
| 11    | Robert L. Henry*    | Dem.      | Waco.          |
| 12    | O. W. Gillespie     | Dem.      | Fort Worth.    |
| 13    | John H. Stephens*   | Dem.      | Vernon.        |
| 14    | James L. Slayden*   | Dem.      | San Antonio.   |
| 15    | John N. Garner      | Dem.      | Uvalde.        |
| 16    | W. R. Smith         | Dem.      | Colorado.      |

## UTAH.

## At Large.

|               |      |             |
|---------------|------|-------------|
| Joseph Howell | Rep. | Wellsville. |
|---------------|------|-------------|

## VERMONT.

|   |                    |      |              |
|---|--------------------|------|--------------|
| 1 | David J. Foster*   | Rep. | Burlington.  |
| 2 | Kittridge Haskins* | Rep. | Brattleboro. |

## VIRGINIA.

|    |                    |      |                |
|----|--------------------|------|----------------|
| 1  | William A. Jones*  | Dem. | Warsaw.        |
| 2  | Henry L. Maynard*  | Dem. | Portsmouth.    |
| 3  | John Lamb*         | Dem. | Richmond.      |
| 4  | R. G. Southall     | Dem. | A. Mella.      |
| 5  | Claude A. Swanson* | Dem. | Chatham.       |
| 6  | Carter Glass       | Dem. | Lynchburg.     |
| 7  | James Hay*         | Dem. | Madison.       |
| 8  | John F. Rixey*     | Dem. | Brandy.        |
| 9  | Campbell Slempp    | Rep. | Big Stone Gap. |
| 10 | Henry D. Flood*    | Dem. | W. Appomattox. |

## WASHINGTON.

## At Large.

|                     |      |          |
|---------------------|------|----------|
| Wesley L. Jones*    | Rep. | Yakima.  |
| Francis W. Cushman* | Rep. | Tacoma.  |
| Wm. E. Humphrey     | Rep. | Seattle. |

## WEST VIRGINIA.

|   |                     |      |             |
|---|---------------------|------|-------------|
| 1 | B. B. Dovener*      | Rep. | Wheeling.   |
| 2 | Alston G. Dayton*   | Rep. | Phillippi.  |
| 3 | Joseph Holt Gaines* | Rep. | Charleston. |
| 4 | Harry C. Woodard    | Rep. | Spencer.    |
| 5 | James A. Hughes*    | Rep. | Huntington. |

## WISCONSIN.

|    |                    |      |                  |
|----|--------------------|------|------------------|
| 1  | Henry A. Cooper*   | Rep. | Racine.          |
| 2  | H. C. Adams        | Rep. | Madison.         |
| 3  | Joseph W. Babcock* | Rep. | Necedah.         |
| 4  | Theobald Otjen*    | Rep. | Milwaukee.       |
| 5  | Wm. H. Stafford    | Rep. | Milwaukee.       |
| 6  | C. H. Wesse        | Dem. | Sheboygan Falls. |
| 7  | John J. Esch*      | Rep. | La Crosse.       |
| 8  | James H. Davidson* | Rep. | Oshkosh.         |
| 9  | Edward S. Minor*   | Rep. | Sturgeon Bay.    |
| 10 | Webster E. Brown*  | Rep. | Rhineland.       |
| 11 | John J. Jenkins*   | Rep. | Chippewa Falls.  |

## WYOMING.

|   |                   |      |            |
|---|-------------------|------|------------|
| 1 | Frank W. Mondell* | Rep. | Newcastle. |
|---|-------------------|------|------------|

## DELEGATES FROM THE TERRITORIES.

## ARIZONA.

|               |      |           |
|---------------|------|-----------|
| J. F. Wilson† | Dem. | Prescott. |
|---------------|------|-----------|

## NEW MEXICO.

|                  |      |              |
|------------------|------|--------------|
| Bernard S. Rodey | Rep. | Albuquerque. |
|------------------|------|--------------|

## OKLAHOMA.

|                 |      |          |
|-----------------|------|----------|
| Bird S. Maguire | Rep. | Guthrie. |
|-----------------|------|----------|

## HAWAII.

|                   |      |           |
|-------------------|------|-----------|
| Jonah Kalaulauala | Rep. | Honolulu. |
|-------------------|------|-----------|

Republicans, 208; Democrats, 178. Whole number, 386.

\* Served in the Fifty-seventh Congress.

† Served in a previous Congress.



## The Library of Congress.

(From the Official Congressional Directory.)

THE Library of Congress was established in 1800, destroyed in 1814 by the burning of the Capitol, afterward replenished by the purchase by Congress of the library of ex-President Jefferson, 6,760 volumes (cost, \$24,950); in 1851, 35,000 volumes destroyed by fire; in 1852, partially replenished by an appropriation of \$75,000; increased (1) by regular appropriations by Congress; (2) by deposits under the Copyright law; (3) by gifts and exchanges; (4) by the exchanges of the Smithsonian Institution, the library of which (40,000 volumes) was, in 1866, deposited in the Library of Congress with the stipulation that future accessions should follow it. Sixty sets of Government publications are at the disposal of the Librarian of Congress for exchange, through the Smithsonian, with foreign governments, and this number may be increased up to 100. Other special accessions have been. The Peter Force collection (22,529 volumes, 37,000 pamphlets), purchased 1867, cost \$100,000; the Count de Rochambeau collection (manuscript), purchased 1883, cost \$20,000; the Toner collection (24,484 volumes, numerous pamphlets), gift in 1882 of Dr. Joseph M. Toner; the Hubbard collection (engravings), gift in 1898 of Mrs. Gardiner G. Hubbard.

The collection is now the largest in the Western Hemisphere. It comprised at the end of the fiscal year (June 30, 1902) about 1,114,111 printed books and pamphlets (including the law library of 92,582 volumes, which, while a division of the Library of Congress, still remains at the Capitol), 99,532 manuscripts, 64,921 maps and charts, 345,511 pieces of music, and 127,002 photographs, prints, engravings, and lithographs. Of the printed books, probably one-sixth are duplicates not in use.

The collection is rich in history, political science, jurisprudence, in official documents, National, State, and foreign, and in Americana, including important files of American newspapers and original manuscripts (colonial, revolutionary, and formative periods). Many of the rare books and manuscripts belonging to the Library are exhibited in show cases on the second floor.

The Smithsonian deposit is strong in scientific works, and includes the largest assemblage of the transactions of learned societies which exists in this country.

In 1897 the main collection was removed from the Capitol to the building erected for it under the acts of Congress approved April 15, 1886, October 2, 1888, and March 2, 1889, at a cost of \$6,347,000 (limit by law, \$6,500,000), exclusive of the land, which cost \$585,000. The architects who furnished the original designs were John L. Smithmeyer and Paul J. Pelz. By the act of October 2, 1888, before the foundations were laid, Thomas L. Casey, Chief of Engineers of the Army, was placed in charge of the construction of the building, and the architectural details were worked out by Paul J. Pelz and Edward P. Casey. Upon the death of General Casey, in March, 1896, the entire charge of the construction devolved upon Bernard R. Green, General Casey's assistant, and under his superintendence the building was completed in February, 1897; opened to the public November, 1897. The building occupies three and three-quarter acres upon a site ten acres in extent at a distance of 1,270 feet east of the Capitol, and is the largest and most magnificent library building in the world. In the decorations some forty painters and sculptors are represented—all American citizens. The floor space is 326,195 square feet, or nearly 8 acres. The book stacks contain about 45 miles of shelving, affording space for 2,200,000 octavo volumes. Were the long corridors, now used in part for exhibition purposes, completely shelved, the building would accommodate over 4,000,000 such volumes.

The Library is maintained by annual appropriations by Congress for various purposes, including the purchase of books. For the year 1902-3 these amounted to \$652,785, as follows: \$384,185 for services (including the Copyright Office, and including also the care of the building); \$91,300 for books and periodicals; \$37,500 for fuel, supplies, miscellaneous purposes, including contingent expenses; \$45,000 for furniture, shelving, etc., and \$95,000 allotment for printing and binding at the Government Printing Office.

*Library Service.*—Library proper, 231 employes; Copyright, 58; disbursement and care of buildings and grounds, 117. Total, 406.

*Copyright Office.*—The Copyright Office is a distinct division of the Library of Congress, and is located on the ground floor, south side; open 9 to 4. It is under the immediate charge of the Register of Copyrights, who, by the act of February 19, 1897, is authorized, "under the direction and supervision of the Librarian of Congress," to perform all the duties relating to copyrights. Copyright registration was transferred to the Librarian of Congress by the act of July 8, 1870. The copyright entries from that date to June 30, 1902, numbered 1,317,496. Of most articles copyrighted two copies, and of some one copy, must be deposited in the Library of Congress to perfect copyright. Books, maps, musical compositions, photographs, periodicals, and other articles deposited in the Copyright Office to complete copyright numbered, during the fiscal year 1901-2, 169,726 articles.

Entitled by statute to draw books for home use are the following: The President, the Vice-President; Senators, Representatives, and Delegates in Congress (no books may be given out upon the orders of members in favor of those who are not members); Heads of Departments; the Justices, Reporter, and Clerk of the Supreme Court; the Judges and Clerk of the Court of Claims; Judges of the Court of Appeals of the District of Columbia and Judges of the Supreme Court of the District of Columbia; representatives at Washington of foreign governments; the Solicitor-General and Assistant Attorney-General; the Secretary of the Senate; the Clerk of the House of Representatives; the Solicitor of the Treasury; ex-Presidents of the United States; the House of Representatives; the Congress; the Secretary and Regents of the Smithsonian Institution; the Chairmen of the two Houses of the Interstate Commerce Commission; Chief of Engineers of the Army.

*Hours.*—The Library building is open to the public all days in the year excepting legal holidays. The hours are from 9 A. M. to 10 P. M. week days, and from 2 P. M. to 10 P. M. Sundays.

The Main Reading Room, Periodical Reading Room, and Music Division are open to the public from 9 A. M. to 10 P. M. week days, and from 2 P. M. to 10 P. M. Sundays.

The Reading Room for the Blind is open week days from 9 A. M. to 4 P. M.

The Librarian's Office and the Department of Bibliography are open for the transaction of business from 9 A. M. to 4 P. M. week days, and from 2 P. M. to 6 P. M. Sundays.

The other administrative divisions of the Library, including the Copyright Office, are open for the transaction of business from 9 A. M. to 4 P. M. all days in the year, excepting legal holidays and Sundays.

*Librarians Since the Inception of the Library.*—1800-1814, the Clerk of the House of Representatives (for the time being); 1815-1829, George Watterston; 1829-1861, John S. Mehan; 1861-1864, John G. Stephenson; 1864-1897 (June 30), Ainsworth R. Spofford; 1897-January 17, 1899, John Russell Young; 1899 (April 5), Herbert Putnam.

*Library Staff, General Administration.*—Librarian of Congress, Herbert Putnam, 1215 Nineteenth Street; Librarian's Secretary, Allen R. Boyd, 2025 N Street; Chief Clerk, Thomas G. Alvord, 1855 Mintwood Place; Chief Assistant Librarian, A. R. Spofford, 1621 Massachusetts Avenue.

## New York State Government.

(JANUARY 1, 1903.)

Governor..... Benjamin B. Odell, Jr..... Term ex. Dec. 31, 1904. Salary, \$10,000 and mansion.  
 Lieutenant-Governor..... Frank W. Higgins, Olean..... 1904..... 5,000.  
 Secretary to the Governor..... James G. Graham..... " " 4,000.

Secretary of State..... John F. O'Brien, West Chazy..... Term ex. Dec. 31, 1904. Salary, \$5,000  
 Comptroller..... Nathan L. Miller, Binghamton..... " " 1904..... 6,000  
 State Treasurer..... John G. Wickser, Buffalo..... " " 1904..... 5,000  
 Attorney-General..... John Cunneen, Buffalo..... " " 1904..... 5,000  
 State Engineer and Surveyor..... Edward A. Bond, Watertown..... " " 1904..... 5,000  
 Supt. of Public Instruction..... Charles R. Skinner, Watertown..... " " April 6, 1904..... 5,000  
 Superintendent of Insurance..... Francis Hendricks, Syracuse..... " " Feb. 1, 1903..... 7,000  
 Superintendent Banking Dept..... Frederick D. Kilburn, Malone..... " " May 9, 1905..... 7,000  
 Superintendent State Prisons..... Cornelius V. Collins, Troy..... " " April 7, 1903..... 6,000  
 Superintendent Public Works..... Charles Spencer Boyd, New York..... " " Dec. 31, 1902..... 6,000

Deputy Secretary of State—J. H. B. Mongin.  
 Deputy Supt. of Insurance (1st)—Robert H. Hunter.  
 Deputy Supt. of Insurance (2d)—Henry D. Appleton.  
 Tax Commissioner—J. Edgar Leaycraft, Dec. 31, 1903.  
 " " George E. Priest, Dec. 31, 1904.  
 " " Lester F. Stearns, Dec. 31, 1902.  
 Salaries, \$5,000 each.

## CANAL BOARD.

Lieutenant-Governor, Frank W. Higgins.  
 Secretary of State, John F. O'Brien.  
 Comptroller, Nathan L. Miller.  
 State Treasurer, John G. Wickser.  
 Attorney-General, John Cunneen.  
 State Engineer and Surveyor, Edward A. Bond.  
 Superintendent of Public Works, Charles S. Boyd.

The Tax Commissioners, with the Commissioners of the Land Office, constitute a State Board of Equalization.

## STATE ARCHITECT.

George Lewis Helms, New York. Salary, \$7,500.

## COMMISSIONERS OF CANAL FUND.

Lieutenant-Governor, Secretary of State, Comptroller, State Treasurer, Attorney-General.

## CIVIL SERVICE COMMISSIONERS.

Cuthbert W. Pound, Ithaca.  
 William M. Collier, Auburn.  
 John E. Kraft, Kingston.  
 Charles S. Fowler, Albany, Chief Examiner.  
 Salaries of Commissioners, \$3,000 each.

## STATE BOARD OF ARBITRATION AND MEDIATION.

John McMackin, Dec. 31, 1904. Salary, \$3,500.  
 John Williams, Salary, \$2,500.  
 John Lundrigan, Salary, \$2,500.

FISHERIES, GAME, AND FOREST COMMISSIONER.  
 DeWitt C. Middleton, Watertown. Salary, \$5,000.

## STATE FISH CULTURIST.

Vacancy. Salary, \$3,000.

## STATE HISTORIAN.

Hugh Hastings, Term expires April 25, 1903.  
 Salary, \$4,500.

## FISCAL SUPERVISOR OF STATE CHARITIES.

H. H. Bender, Term expires June 9, 1907. Salary, \$6,000.

## STATE COMMISSIONER OF EXCISE.

Patrick W. Cullinan, Oswego. Term expires 1905.  
 Salary, \$5,000.

## COMMISSIONER OF AGRICULTURE.

Charles A. Wieting, Cobleskill. Term expires 1905.

## THE GOVERNOR'S STAFF.

Adjutant-General—Nelson H. Henry.  
 Military Secretary—Major Harrison K. Bird, Albany, N. Y.

Aides-de-Camp—Lieut.-Col. Edward S. Fowler, Capt. William Littauer, Capt. Charles H. Sherrill, Capt. George F. Roth.

Aides-de-Camp Detached from National Guard.  
 Major Charles O. Davis (13th Regiment), Capt. A. E. McIntyre, Capt. John T. Sadler, First Lieut. A. W. Chatfield, Capt. John J. Byrne, Capt. Seymour P. White, Capt. Charles I. De Bevoise, First Lieut. Chauncey Matlock, First Lieut. William Leland Thompson.

Aide-de-Camp Detached from Naval Militia.  
 Lieutenant-Commander Alfred Brooks Fry.

Deputy Supt. of Public Instruction—Danforth E. Ainsworth.

## RAILROAD COMMISSIONERS.

Ashley W. Cole, Brooklyn, January 9, 1902.  
 G. G. Dunn, Binghamton, March 15, 1905.  
 Frank M. Baker, Oswego, January 29, 1905.  
 Salaries, \$8,000 each.

George W. Aldridge, Secretary.

## COMMISSIONERS OF LAND OFFICE.

Lieutenant-Governor, Frank W. Higgins.  
 Speaker of Assembly, S. Fred. Nixon.  
 Secretary of State, John F. O'Brien.  
 Comptroller, Nathan L. Miller.  
 State Treasurer, John G. Wickser.  
 Attorney-General, John Cunneen.  
 State Engineer and Surveyor, Edward A. Bond.

## COURT OF CLAIMS.

Theodore H. Swift, Potsdam. } Salaries, \$5,000 each  
 G. D. B. Hasbrouck, } and \$500 in lieu of  
 Charles T. Saxton, Clyde } expenses.

## QUARANTINE COMMISSIONERS.

Charles H. Murray, New York.  
 Joseph Simonson, New York. } \$2,500 each.  
 Frederick H. Schroeder, Brooklyn.

## STATE COMMISSIONER OF HEALTH.

Daniel Lewis, M. D., New York. Salary, \$3,500.

## COMMISSIONER OF LABOR.

John McMackin, New York, Dec. 31, 1904. Salary, \$3,500.  
 First Deputy, John Williams. Salary, \$2,500.  
 Second Deputy, John Lundrigan. Salary, \$2,500.

## STATE SUPERINTENDENT OF PUBLIC BUILDINGS.

Robert J. Hill, Newburgh (acting). Salary, \$5,000.  
 STATE SEALER OF WEIGHTS AND MEASURES.  
 Lewis Boss, Albany.

## STATE INSPECTOR OF GAS METERS.

Jastrow Alexander, New York. Salary, \$5,000.

## STATE COMMISSION IN LUNACY.

Frederick Peterson, M. D., \$5,000; William L. Parkhurst, \$5,000; Daniel N. Lockwood, \$5,000.

## STATE GEOLOGIST.

F. J. H. Merrill. Salary, \$3,000.

## STATE RACING COMMISSION.

August Belmont, New York; John Sanford, Amsterdam; Edwin A. Morgan, New York.

## REGENTS OF THE UNIVERSITY.

Vacancy, Chancellor; William Crowell Doane, Vice-Chancellor; Benj. B. Odell, Jr., Governor; Frank W. Higgins, Lieutenant-Governor; John F. O'Brien, Secretary of State; Charles R. Skinner, Superintendent of Public Instruction, ex officio. 1873, Martin L. Townsend; 1877, Chauncey M. Depew; 1877, Charles E. Fitch; 1873, Whitelaw Reid; 1881, William H. Watson; 1881, Henry E. Turner; 1883, St. Clair McKelway; 1885, Daniel Beach; 1888, Carroll E. Smith; 1890, Pliny T. Sexton; 1890, T. Guilford Smith; 1892, William C. Doane; 1893, Lewis A. Stimson; 1895, Albert Vander Veer; 1897, Chester S. Lord; 1900, Thomas A. Hendrick; 1901, Robert C. Pruyn; 1902, William Nottingham. Secretary, James R. Parsons, Jr., Albany.

# Legislature of the State of New York.

SESSION OF 1903.

## SENATE.

President, Lieutenant-Governor Frank W. Higgins, Rep., of Cattaraugus County.

| <i>Dist. Names of Senators.</i> | <i>Politics.</i> | <i>P. O. Address.</i> |
|---------------------------------|------------------|-----------------------|
| 1 Edwin Bailey, Jr.             | Dem.             | Patchogue, L. I.      |
| 2 Luke A. Keenan                | Dem.             | L. I. City.           |
| 3 Thomas H. Cullen*             | Dem.             | Brooklyn.             |
| 4 Thomas C. Whitlock            | Dem.             | Brooklyn.             |
| 5 Jas. Henry McCabe*            | Dem.             | Brooklyn.             |
| 6 Walter C. Burton              | Dem.             | Brooklyn.             |
| 7 Patrick H. McCarren*          | Dem.             | Brooklyn.             |
| 8 Henry Marshall*               | Rep.             | Brooklyn.             |
| 9 Joseph Wagner*                | Dem.             | Brooklyn.             |
| 10 Daniel J. Riordan            | Dem.             | New York City.        |
| 11 John C. Fitzgerald           | Dem.             | New York City.        |
| 12 Samuel J. Foley*             | Dem.             | New York City.        |
| 13 Bernard F. Martin*           | Dem.             | New York City.        |
| 14 Thomas F. Grady*             | Dem.             | New York City.        |
| 15 Nathaniel A. Elsberg*        | Rep.             | New York City.        |
| 16 Patrick F. Trahnor*          | Dem.             | New York City.        |
| 17 George W. Plunkitt*          | Dem.             | New York City.        |
| 18 Victor J. Dowling*           | Dem.             | New York City.        |
| 19 John W. Russell              | Dem.             | New York City.        |
| 20 James J. Frawley             | Dem.             | New York City.        |
| 21 John A. Hawkins              | Dem.             | New York City.        |
| 22 Charles P. McClelland        | Dem.             | Dobbs Ferry.          |
| 23 Louis F. Goodsell*           | Rep.             | Highland Falls.       |
| 24 Henry S. Ambler*             | Rep.             | Chatham.              |
| 25 Frank J. Lefevre             | Rep.             | New Paltz.            |

| <i>Dist. Names of Senators.</i> | <i>Politics.</i> | <i>P. O. Address.</i> |
|---------------------------------|------------------|-----------------------|
| 26 Jotham P. Allds              | Rep.             | Norwich.              |
| 27 Spencer K. Warnick           | Rep.             | Amsterdam.            |
| 28 Edgar T. Brackett*           | Rep.             | Saratoga Spr'gs.      |
| 29 James Briggs McEwan*         | Rep.             | Albany.               |
| 30 William D. Barnes*           | Rep.             | Brainards.            |
| 31 Spencer G. Prime*            | Rep.             | Upper Jay.            |
| 32 George R. Malby*             | Rep.             | Ogdensburg.           |
| 33 Walter L. Brown              | Rep.             | Oneonta.              |
| 34 William Townsend             | Dem.             | Utica.                |
| 35 Elon R. Brown*               | Rep.             | Watertown.            |
| 36 Horace White*                | Rep.             | Syracuse.             |
| 37 Francis H. Gates             | Rep.             | Chittenango.          |
| 38 George Edward Green*         | Rep.             | Binghamton.           |
| 39 Benjamin M. Wilcox*          | Rep.             | Auburn.               |
| 40 Edwin C. Stewart*            | Rep.             | Ithaca.               |
| 41 Franklin D. Sherwood*        | Rep.             | Hornellsville.        |
| 42 John Raines*                 | Rep.             | Canandaigua.          |
| 43 Merton E. Lewis*             | Rep.             | Rochester.            |
| 44 William W. Armstrong*        | Rep.             | Rochester.            |
| 45 Irving L'Hommeidaux          | Rep.             | Medina.               |
| 46 Frederick C. Stevens         | Rep.             | Attica.               |
| 47 Henry W. Hill*               | Rep.             | Buffalo.              |
| 48 Samuel J. Ramsperger*        | Dem.             | Buffalo.              |
| 49 George Allen Davis*          | Rep.             | Buffalo.              |
| 50 Albert T. Fancher            | Rep.             | Salamanca.            |

\* Members of the last Senate. Senators are elected for two years. The terms of the above expire December 31, 1904. Salary, \$1,500 and mileage.

|             |    |
|-------------|----|
| Republicans | 28 |
| Democrats   | 22 |

## ASSEMBLY.

### ALBANY.

| <i>Dist. Names of Members.</i> | <i>Politics.</i> | <i>P. O. Address.</i> |
|--------------------------------|------------------|-----------------------|
| 1 Charles W. Mead              | Rep.             | Albany.               |
| 2 Abram S. Coons*              | Rep.             | Freston Hollow.       |
| 3 William V. Cooke             | Dem.             | Albany.               |
| 4 William J. Grattan           | Rep.             | Cohoes.               |

### ALLEGANY.

Jesse S. Phillips\*.....Rep...Andover.

### BROOME.

|                    |      |               |
|--------------------|------|---------------|
| 1 James T. Rogers* | Rep. | Binghamton.   |
| 2 Fred. E. Allen*  | Rep. | Whitney's Pt. |

### CATTARAUGUS.

|                    |      |           |
|--------------------|------|-----------|
| 1 Theodore Hayden  | Rep. | Sandusky. |
| 2 James C. Sheldon | Rep. | Randolph. |

### CAYUGA.

|                      |      |            |
|----------------------|------|------------|
| 1 Ernest G. Treat*   | Rep. | Weedsport. |
| 2 Charles J. Hewitt* | Rep. | Locke.     |

### CHAUTAQUA.

|                       |      |            |
|-----------------------|------|------------|
| 1 J. Samuel Fowler*   | Rep. | Jamestown. |
| 2 S. Frederick Nixon* | Rep. | Westfield. |

### CHEMUNG.

Sherman Moreland.....Rep...Van Etten.

### CHENANGO.

Edgar A. Pearsall.....Rep...Oxford.

### CLINTON.

H. Wallace Knapp.....Rep...Mooers.

### COLUMBIA.

Edward W. Scovill.....Rep...Hudson.

### CORTLAND.

Henry A. Dickinson\*...Rep...Cortland.

### DELAWARE.

James R. Cowan\*.....Rep...Hobart.

### DUTCHESS.

|                      |      |             |
|----------------------|------|-------------|
| 1 John T. Smith*     | Rep. | Fishkill.   |
| 2 Francis G. Landon* | Rep. | Staatsburg. |

### ERIE.

*Dist. Names of Members. Politics. P. O. Address.*

|                     |      |            |
|---------------------|------|------------|
| 1 John H. Bradley*  | Dem. | Buffalo.   |
| 2 Robert L. Cox     | Rep. | Buffalo.   |
| 3 Anthony J. Burke* | Dem. | Buffalo.   |
| 4 Charles V. Lynch  | Dem. | Buffalo.   |
| 5 Charles W. Hinson | Dem. | Buffalo.   |
| 6 George Ruehl*     | Rep. | Buffalo.   |
| 7 John K. Patton*   | Rep. | Tonawanda. |
| 8 Elijah Cook*      | Rep. | Hamburg.   |

### ESSEX.

James M. Graeff\*.....Rep...Westport.

### FRANKLIN.

Halbert D. Stevens\*...Rep...Malone.

### FULTON AND HAMILTON.

Clarence W. Smith\*...Rep...Johnstown.

### GENESEE.

S. Percy Hooker\*...Rep...LeRoy.

### GREENE.

Charles E. Nichols.....Rep...Catskill.

### HERKIMER.

Samuel M. Allston\*...Rep...Ilion.

### JEFFERSON.

|                       |      |            |
|-----------------------|------|------------|
| 1 William A. Denison  | Rep. | Ellisburg. |
| 2 James A. Outterson* | Rep. | Carthage.  |

### KINGS.

|                         |      |           |
|-------------------------|------|-----------|
| 1 John Hill Morgan*     | Rep. | Brooklyn. |
| 2 John McKeown*         | Dem. | Brooklyn. |
| 3 James J. McInerney*   | Dem. | Brooklyn. |
| 4 John E. Bullwinkel    | Dem. | Brooklyn. |
| 5 Fortescue C. Metcalfe | Dem. | Brooklyn. |
| 6 Frank J. Ulrich       | Dem. | Brooklyn. |
| 7 William Keegan        | Dem. | Brooklyn. |
| 8 John C. L. Daly*      | Dem. | Brooklyn. |
| 9 James J. Kehoe        | Dem. | Brooklyn. |
| 10 Francis J. Byrne     | Dem. | Brooklyn. |
| 11 William S. Shanahan  | Dem. | Brooklyn. |
| 12 John F. Kearney      | Dem. | Brooklyn. |

## ASSEMBLY—Continued.

## KINGS—Continued.

Dist. Names of Members. Politics. P. O. Address.

- 13 Thomas F. Mathews.....Dem..Brooklyn.  
 14 John B. Ferre\*.....Dem..Brooklyn.  
 15 Harry H. Dale\*.....Dem..Brooklyn.  
 16 Gustavus C. Weber\*.....Rep..Brooklyn.  
 17 Edward C. Dowling.....Rep..Brooklyn.  
 18 Jacob D. Remsen\*.....Rep..Brooklyn.  
 19 John Wolf\*.....Dem..Brooklyn.  
 20 Louis J. Zettler.....Dem..Brooklyn.  
 21 Edward A. Miller.....Dem..Brooklyn.

## LEWIS.

Lewis H. Stiles\*.....Rep..Glenfield.

## LIVINGSTON.

William Y. Robinson. .Rep..Nunda.

## MADISON.

Avery M. Hoadley\*.....Rep..Earlville.

## MONROE.

- 1 Martin Davis\*.....Rep..Rochester Junc.  
 2 George Herbert Smith\*..Rep..Rochester.  
 3 Eugene J. Dwyer.....Rep..Rochester.  
 4 John Pallace, Jr.....Dem..Brookport.

## MONTGOMERY.

John W. Candee\*.....Rep..Hagaman.

## NEW YORK.

- 1 Andrew J. Doyle.....Dem..New York City.  
 2 Joseph P. Bourke\*.....Dem..New York City.  
 3 Dominick F. Mullaney..Dem..New York City.  
 4 William H. Burns\*.....Dem..New York City.  
 5 Edward R. Finch\*.....Rep..New York City.  
 6 Harry E. Oxford\*.....Dem..New York City.  
 7 Peter P. Sherry.....Dem..New York City.  
 8 Isidor Cohn.....Dem..New York City.  
 9 Richard J. Butler.....Dem..New York City.  
 10 John F. McCullough\*..Dem..New York City.  
 11 Hugh Dolan.....Dem..New York City.  
 12 Edward Rosenstein..Dem..New York City.  
 13 John C. Hackett.....Dem..New York City.  
 14 Henry W. Doll\*.....Dem..New York City.  
 15 Thomas J. McManus..Dem..New York City.  
 16 Samuel Prince\*.....Dem..New York City.  
 17 John F. Curry.....Dem..New York City.  
 18 George P. Richter\*.....Dem..New York City.  
 19 Charles F. Bostwick..Rep..New York City.  
 20 John H. Fitzpatrick\*..Dem..New York City.  
 21 Frederick E. Wood.....Rep..New York City.  
 22 William H. Hornidge..Dem..New York City.  
 23 Eugene J. McCarthy..Dem..New York City.  
 24 Leo Ph. Ulmann\*.....Dem..New York City.  
 25 Howard Conkling.....Rep..New York City.  
 26 Myron Sulzberger\*.....Dem..New York City.  
 27 George B. Agnew.....Rep..New York City.  
 28 John T. Dooling\*.....Dem..New York City.  
 29 George B. Clark.....Rep..New York City.  
 30 Gotthardt A. Littauer\*..Dem..New York City.  
 31 Lewis A. Abrams.....Dem..New York City.  
 32 Matthew F. Neville\*.....Dem..New York City.  
 33 James O. Farrell.....Dem..New York City.  
 34 William J. Ellis.....Dem..New York City.  
 35 Peter J. Everett.....Dem..New York City.

## NIAGARA.

- 1 Joseph M. Hoffman.....Dem..Lockport.  
 2 John H. Leggett\*.....Rep..Niagara Falls.

## ONEIDA.

- 1 Thomas A. Mortimer..Dem..Utica.  
 2 Fred. J. Brill\*.....Rep..Lowell.  
 3 John C. Evans.....Rep..Rome.

## ONONDAGA.

- 1 James F. Williams\*.....Rep..Baldwinsville.  
 2 Frederick D. Traub\*.....Rep..Syracuse.  
 3 Martin L. Cadin\*.....Rep..Syracuse.  
 4 Fred. W. Hammond\*..Rep..Syracuse.

## ONTARIO.

Jean L. Burnett\*.....Rep..Canandaigua.

## ORANGE.

Dist. Names of Members. Politics. P. O. Address.

- 1 John Orr\*.....Rep..Orrs Mills.  
 2 Louis Bedell\*.....Rep..Goshen.

## ORLEANS.

Charles S. Bridgeman....Rep..Kendall.

## OSWEGO.

- 1 Thomas D. Lewis\*.....Rep..Fulton.  
 2 Thomas M. Costello\*...Rep..Altmar.

## OTSEGO.

John B. Conkling\*.....Rep..Cooperstown.

## PUTNAM.

John R. Yale\*.....Rep..Brewster.

## QUEENS.

- 1 Joseph Sullivan.....Dem..Corona, L. I.  
 2 Frank X. Duer\*.....Dem..College Point.

## QUEENS AND NASSAU.

- 3 George W. Doughty\*...Rep..Inwood.

## RENSSELAER.

- 1 John M. Chambers\*....Rep..Troy.  
 2 John J. McCarthy.....Dem..Troy.  
 3 Charles W. Reynolds\*..Rep..Petersburg.

## RICHMOND.

Charles J. McCormack..Dem..New Brighton.

## ROCKLAND.

Thomas Finegan.....Dem..Haverstraw.

## ST. LAWRENCE.

- 1 Charles S. Plank\*.....Rep..Waddington.  
 2 Edwin A. Merritt\*.....Rep..Potsdam.

## SARATOGA.

George H. Whitney.....Rep..Mechanicville.

## SCHENECTADY.

William W. Wemple.....Rep..Schenectady.

## SCHOHARIE.

George M. Palmer\*.....Dem..Cobleskill.

## SCHUYLER.

Olin T. Nye\*.....Rep..Watkins.

## SENECA.

Daniel W. Moran\*.....Rep..Seneca Falls.

## STEBUEN.

- 1 Frank C. Platt\*.....Rep..Painted Post.  
 2 Gordon M. Patchin\*...Rep..Wayland.

## SUFFOLK.

- 1 Willis A. Reeve\*.....Rep..Patchogue.  
 2 Orlando Hubbs.....Rep..Central Islip.

## SULLIVAN.

John F. Simpson.....Rep..Hurleyville.

## TIOGA.

Edwin S. Hanford\*.....Rep..Waverly.

## TOMPKINS.

George E. Monroe\*.....Rep..Dryden.

## ULSTER.

- 1 Charles T. Coutant.....Rep..Kingston.  
 2 Solomon P. Thorn.....Rep..Clintondale.

## WARREN.

Loyal L. Davis.....Rep..Glens Falls.

## WASHINGTON.

William H. Hughes\*...Rep..Granville.

## WAYNE.

Addison P. Smith.....Rep..Savannah.

## WESTCHESTER.

- 1 John J. Sloane\*.....Dem..Yonkers.  
 2 J. M. Wainwright\*...Rep..Rye.  
 3 James K. Appar\*.....Rep..Peekskill.

## WYOMING.

Henry J. McNair\*.....Rep..Arcade.

## YATES.

Cyrus C. Harvey.....Rep..Dundee.

\* Members of the last Assembly. Assemblymen are elected for one year. Salary, \$1,500 and mileage.

Republicans.....89

Democrats.....61

SHOWING POLITICAL AND JUDICIAL DIVISIONS OF WHICH THEY ARE UNITS.

| COUNTIES.           | Senatorial Districts. | Congressional Districts. | Supreme Districts. | Appellate Div. Supreme Court Department. | COUNTIES.    | Senatorial Districts. | Congressional Districts. | Supreme Court Districts. | Appellate Div. Supreme Court Department. |
|---------------------|-----------------------|--------------------------|--------------------|------------------------------------------|--------------|-----------------------|--------------------------|--------------------------|------------------------------------------|
| Albany              | 29                    | 22                       | 3                  | 3                                        | Oneida       | 34                    | 27                       | 5                        | 4                                        |
| Allegany            | 46                    | 37                       | 3                  | 4                                        | Onondaga     | 36                    | 29                       | 4                        | 4                                        |
| Broome              | 38                    | 30                       | 6                  | 3                                        | Ontario      | 42                    | 31                       | 2                        | 2                                        |
| Cattaraugus         | 50                    | 37                       | 2                  | 4                                        | Orange       | 23                    | 20                       | 4                        | 4                                        |
| Cayuga              | 39                    | 31                       | 7                  | 4                                        | Orleans      | 45                    | 34                       | 4                        | 4                                        |
| Chautauqua          | 50                    | 37                       | 3                  | 4                                        | Oswego       | 37                    | 28                       | 6                        | 3                                        |
| Chemung             | 40                    | 33                       | 6                  | 3                                        | Otsego       | 33                    | 24                       | 2                        | 2                                        |
| Chenango            | 26                    | 30                       | 6                  | 3                                        | Putnam       | 2                     | 1                        | 2                        | 2                                        |
| Clinton             | 51                    | 6                        | 4                  | 3                                        | Queens       | 2                     | 2                        | 2                        | 2                                        |
| Columbia            | 24                    | 21                       | 3                  | 3                                        | Rensselaer   | 30                    | 22                       | 3                        | 3                                        |
| Cortland            | 38                    | 30                       | 6                  | 3                                        | Richmond     | 1                     | 8                        | 2                        | 2                                        |
| Delaware            | 26                    | 24                       | 6                  | 3                                        | Rockland     | 23                    | 20                       | 2                        | 2                                        |
| Dutchess            | 24                    | 21                       | 2                  | 2                                        | St. Lawrence | 32                    | 26                       | 4                        | 3                                        |
| Erie                | 47, 48, 49            | 35, 36                   | 2, 2               | 4                                        | Saratoga     | 28                    | 25                       | 4                        | 3                                        |
| Essex               | 31                    | 26                       | 4                  | 3                                        | Schenectady  | 28                    | 22                       | 4                        | 3                                        |
| Franklin            | 32                    | 25                       | 4                  | 3                                        | Schoharie    | 27                    | 24                       | 3                        | 3                                        |
| Fulton and Hamilton | 47                    | 25                       | 4                  | 3                                        | Schuyler     | 40                    | 33                       | 6                        | 3                                        |
| Genesee             | 45                    | 34                       | 8                  | 4                                        | Seneca       | 39                    | 33                       | 7                        | 4                                        |
| Greene              | 25                    | 21                       | 3                  | 3                                        | Steuben      | 41                    | 33                       | 1                        | 4                                        |
| Herkimer            | 33                    | 27                       | 5                  | 4                                        | Suffolk      | 1                     | 1                        | 2                        | 2                                        |
| Jefferson           | 35                    | 28                       | 5                  | 4                                        | Sullivan     | 26                    | 20                       | 3                        | 3                                        |
| Klugs               | 3 to 9                | 2 to 7                   | 2                  | 2                                        | Tioga        | 38                    | 30                       | 6                        | 3                                        |
| Lewis               | 35                    | 28                       | 5                  | 4                                        | Tompkins     | 40                    | 3                        | 6                        | 3                                        |
| Livingston          | 46                    | 34                       | 7                  | 4                                        | Ulster       | 25                    | 24                       | 3                        | 3                                        |
| Madison             | 37                    | 29                       | 6                  | 3                                        | Warren       | 31                    | 25                       | 4                        | 3                                        |
| Monroe              | 43, 44                | 32                       | 7                  | 4                                        | Washington   | 28                    | 22                       | 4                        | 3                                        |
| Montgomery          | 27                    | 25                       | 4                  | 3                                        | Wayne        | 42                    | 31                       | 7                        | 4                                        |
| Nassau              | 2                     | 1                        | 2                  | 2                                        | Westchester  | 22                    | 19                       | 2                        | 2                                        |
| New York            | 10 to 21              | 9 to 18                  | 1                  | 1                                        | Wyoming      | 46                    | 34                       | 8                        | 4                                        |
| Niagara             | 45                    | 34                       | 8                  | 4                                        | Yates        | 41                    | 31                       | 7                        | 4                                        |

Judiciary of the State of New York.

JUDGES OF THE COURT OF APPEALS.

| JUDGES.                        | Residences. | Counties. | Salaries. | Politics. | Terms Expire. |
|--------------------------------|-------------|-----------|-----------|-----------|---------------|
| Alton B. Parker, Chief Judge   | Kingston    | Ulster    | \$14,200  | Dem.      | Dec. 31, 1911 |
| Albert Haight, Associate Judge | Buffalo     | Erie      | 13,700    | Rep.      | " 31, 1908    |
| John Clinton Gray              | New York    | New York  | 13,700    | Dem.      | " 31, 1916    |
| Irving G. Vann                 | Syracuse    | Onondaga  | 13,700    | Rep.      | " 31, 1910    |
| Edward T. Bartlett             | New York    | New York  | 13,700    | Rep.      | " 31, 1907    |
| Denis O'Brien                  | Watertown   | Jefferson | 13,700    | Dem.      | " 31, 1905    |
| Clora E. Martin                | Binghamton  | Broome    | 13,700    | Rep.      | " 31, 1904    |
| Edgar M. Cullen                | Brooklyn    | Kings     | 13,700    | Dem.      | " 31, 1908    |
| William E. Werner*             | Rochester   | Monroe    | 13,700    | Rep.      | " 31, 1908    |

\* Supreme Court Judges, sitting in the Court of Appeals by designation of the Governor.

JUDGES OF THE APPELLATE DIVISION OF THE SUPREME COURT.

| DEPARTMENT.                                                                                                                                                                                                                                                                                        | Justices.             | Residences.   | Politics. | Terms Expire  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------|-----------|---------------|
| 1st. The county of New York.                                                                                                                                                                                                                                                                       | Charles H. Van Brunt  | New York      | Dem.      | Dec. 31, 1905 |
|                                                                                                                                                                                                                                                                                                    | Edward Patterson      | "             | Dem.      | " 31, 1909    |
|                                                                                                                                                                                                                                                                                                    | Morgan J. O'Brien     | "             | Dem.      | " 31, 1915    |
|                                                                                                                                                                                                                                                                                                    | George L. Ingraham    | "             | Dem.      | " 31, 1905    |
|                                                                                                                                                                                                                                                                                                    | Chester B. McLaughlin | Port Henry    | Rep.      | " 31, 1909    |
|                                                                                                                                                                                                                                                                                                    | Frank C. Laughlin     | Buffalo       | Rep.      | " 31, 1909    |
|                                                                                                                                                                                                                                                                                                    | Edward W. Hatch       | "             | Rep.      | " 31, 1909    |
|                                                                                                                                                                                                                                                                                                    | Wm. W. Goodrich       | Brooklyn      | Rep.      | " 31, 1903    |
|                                                                                                                                                                                                                                                                                                    | Willard Bartlett      | "             | Dem.      | " 31, 1911    |
|                                                                                                                                                                                                                                                                                                    | John Woodward         | Jamestown     | Rep.      | " 31, 1910    |
|                                                                                                                                                                                                                                                                                                    | Michael H. Hirschberg | Newburgh      | Rep.      | " 31, 1910    |
|                                                                                                                                                                                                                                                                                                    | Almet F. Jenks        | Brooklyn      | Dem.      | " 31, 1912    |
|                                                                                                                                                                                                                                                                                                    | Charles E. Parker     | Oswego        | Rep.      | " 31, 1906    |
|                                                                                                                                                                                                                                                                                                    | Emory A. Chase        | Catskill      | Rep.      | " 31, 1910    |
|                                                                                                                                                                                                                                                                                                    | Walter Lovd Smith     | Elmira        | Rep.      | " 31, 1916    |
|                                                                                                                                                                                                                                                                                                    | S. Alonzo Kellogg     | Plattsburg    | Rep.      | " 31, 1904    |
|                                                                                                                                                                                                                                                                                                    | Alden Chester         | Albany        | Rep.      | " 31, 1909    |
| 2d. The counties of Kings, Queens, Nassau, Richmond, Suffolk, Rockland, Westchester, Putnam, Orange, Dutchess.                                                                                                                                                                                     | William H. Adams      | Canandaigua   | Rep.      | " 31, 1911    |
|                                                                                                                                                                                                                                                                                                    | Peter B. McEannan     | Syracuse      | Rep.      | " 31, 1906    |
|                                                                                                                                                                                                                                                                                                    | Alfred Spring         | Franklinville | Rep.      | " 31, 1909    |
|                                                                                                                                                                                                                                                                                                    | Pardon C. Williams    | Watertown     | Rep.      | " 31, 1911    |
|                                                                                                                                                                                                                                                                                                    | Frank H. Hiscock      | Syracuse      | Rep.      | " 31, 1910    |
|                                                                                                                                                                                                                                                                                                    | Edward A. Nash        | Avon          | Rep.      | " 31, 1906    |
| 3d. The counties of Sullivan, Ulster, Greene, Columbia, Schoharie, Albany, Rensselaer, Fulton, Schenectady, Montgomery, Saratoga, Washington, Warren, Hamilton, Essex, Clinton, Franklin, St. Lawrence, Delaware, Otsego, Broome, Chenango, Madison, Cortland, Tioga, Tompkins, Schuyler, Chemung. |                       |               |           |               |
| 4th. The counties of Herkimer, Oneida, Lewis, Jefferson, Oswego, Onondaga, Cayuga, Seneca, Wayne, Ontario, Yates, Steuben, Livingston, Monroe, Allegany, Wyoming, Genesee, Orleans, Niagara, Erie, Cattaraugus, Chautauqua.                                                                        |                       |               |           |               |

## JUDICIARY OF THE STATE OF NEW YORK—Continued.

## JUSTICES OF THE SUPREME COURT.

The salaries of Justices of the Supreme Court are: First and Second Districts, \$17,500; remaining Districts, \$7,200; but non-resident Justices, sitting in the Appellate Divisions of the First and Second Departments, receive the same compensation as the Justices in those Departments; if assigned to duty in the First and Second Districts, other than in the Appellate Division, their additional compensation is \$10 per day.

| DISTRICTS.                                                                                                                         | Justices.              | Residences.       | Politics.  | Terms Expire. |
|------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------------------|------------|---------------|
| 1st. The city and county of New York.                                                                                              | George C. Barrett..... | New York.....     | Dem....    | Dec. 31, 1913 |
|                                                                                                                                    | Edward Patterson.....  | ".....            | Dem....    | " 31, 1914    |
|                                                                                                                                    | Samuel Greenbaum....   | ".....            | Dem....    | " 31, 1915    |
|                                                                                                                                    | Morgan J. O'Brien....  | ".....            | Dem....    | " 31, 1915    |
|                                                                                                                                    | George L. Ingraham..   | ".....            | Dem....    | " 31, 1905    |
|                                                                                                                                    | Francis M. Scott.....  | ".....            | Dem....    | " 31, 1911    |
|                                                                                                                                    | Chas. H. Van Brunt..   | ".....            | Dem....    | " 31, 1905    |
|                                                                                                                                    | Charles H. Truax.....  | ".....            | Dem....    | " 31, 1909    |
|                                                                                                                                    | James A. Blanchard..   | ".....            | Rep....    | " 31, 1915    |
|                                                                                                                                    | Charles F. MacLean..   | ".....            | Dem....    | " 31, 1909    |
|                                                                                                                                    | Vernon M. Davis.....   | ".....            | Dem....    | " 31, 1916    |
|                                                                                                                                    | Philip H. Dugro.....   | ".....            | Dem....    | " 31, 1914    |
|                                                                                                                                    | *John J. Freedman....  | ".....            | Dem....    | " 31, 1904    |
|                                                                                                                                    | Edward E. McCall....   | ".....            | Dem....    | " 31, 1916    |
|                                                                                                                                    | *H. A. Gildersleeve..  | ".....            | Dem....    | " 31, 1905    |
|                                                                                                                                    | James Fitzgerald....   | ".....            | Dem....    | " 31, 1912    |
|                                                                                                                                    | James A. O'Gorman..    | ".....            | Dem....    | " 31, 1913    |
|                                                                                                                                    | †Henry Bischoff, Jr..  | ".....            | Dem....    | " 31, 1903    |
|                                                                                                                                    | David Leventritt....   | ".....            | Dem....    | " 31, 1912    |
|                                                                                                                                    | †Leonard A. Giegerich  | ".....            | Dem....    | " 31, 1906    |
| Edward B. Amend....                                                                                                                | ".....                 | Dem....           | " 31, 1916 |               |
| John Proctor Clarke..                                                                                                              | ".....                 | Rep....           | " 31, 1915 |               |
| 2d. Kings, Queens, Nassau, Richmond, Suffolk, Rockland, Westchester, Putnam, Orange, and Dutchess counties.                        | William J. Gaynor....  | Brooklyn.....     | Dem....    | " 31, 1907    |
|                                                                                                                                    | †Edgar M. Cullen....   | ".....            | Dem....    | " 31, 1908    |
|                                                                                                                                    | Willard Bartlett....   | ".....            | Dem....    | " 31, 1911    |
|                                                                                                                                    | Martin J. Keogh.....   | New Rochelle..    | Dem....    | " 31, 1909    |
|                                                                                                                                    | William D. Dickey....  | Brooklyn.....     | Rep....    | " 31, 1909    |
|                                                                                                                                    | Wilnot M. Smith....    | Patchogue....     | Rep....    | " 31, 1909    |
|                                                                                                                                    | Josiah T. Marean....   | Brooklyn.....     | Dem....    | " 31, 1912    |
|                                                                                                                                    | Alnet E. Jenks.....    | ".....            | Dem....    | " 31, 1912    |
|                                                                                                                                    | Garret J. Garretson..  | Flushing....      | Rep....    | " 31, 1910    |
|                                                                                                                                    | William W. Goodrich.   | Brooklyn.....     | Rep....    | " 31, 1903    |
|                                                                                                                                    | Michael H. Hirschberg  | Newburgh....      | Rep....    | " 31, 1910    |
|                                                                                                                                    | Samuel T. Maddox..     | Brooklyn.....     | Rep....    | " 31, 1910    |
| 3d. Columbia, Rensselaer, Sullivan, Ulster, Albany, Greene, and Schoharie counties.                                                | D. Cady Herrick....    | Albany.....       | Dem....    | " 31, 1905    |
|                                                                                                                                    | Wesley O. Howard....   | Troy.....         | Rep....    | " 31, 1916    |
|                                                                                                                                    | A. V. S. Cochrane....  | Hudson.....       | Rep....    | " 31, 1915    |
|                                                                                                                                    | Alden Chester.....     | Albany.....       | Rep....    | " 31, 1909    |
|                                                                                                                                    | Emory A. Chase.....    | Catskill.....     | Rep....    | " 31, 1910    |
|                                                                                                                                    | James A. Betts.....    | Kingston....      | Dem....    | " 31, 1912    |
| 4th. Warren, Saratoga, St. Lawrence, Washington, Essex, Franklin, Clinton, Montgomery, Hamilton, Fulton, and Schenectady counties. | John M. Kellogg....    | ".....            | Rep....    | " 31, 1903    |
|                                                                                                                                    | Edgar A. Spencer....   | Gloversville..    | Rep....    | " 31, 1915    |
|                                                                                                                                    | James W. Houghton.     | Saratoga Springs. | Rep....    | " 31, 1914    |
|                                                                                                                                    | Martin L. Stover....   | Amsterdam..       | Rep....    | " 31, 1905    |
|                                                                                                                                    | S. Alonzo Kellogg..    | Plattsburg..      | Rep....    | " 31, 1904    |
| 5th. Onondaga, Jefferson, Oneida, Oswego, Herkimer, and Lewis counties.                                                            | Chester B. McLaughlin  | Newburgh....      | Rep....    | " 31, 1909    |
|                                                                                                                                    | William S. Andrews..   | Syracuse....      | Rep....    | " 31, 1913    |
|                                                                                                                                    | Watson M. Rogers....   | Watertown..       | Rep....    | " 31, 1916    |
|                                                                                                                                    | Manrice L. Wright..    | Oswego.....       | Rep....    | " 31, 1905    |
|                                                                                                                                    | Frank H. Hiscock..     | Syracuse....      | Rep....    | " 31, 1910    |
|                                                                                                                                    | Pardon C. Williams.    | Watertown..       | Rep....    | " 31, 1911    |
|                                                                                                                                    | Peter B. McLennan..    | Syracuse....      | Rep....    | " 31, 1906    |
| 6th. Otsego, Delaware, Madison, Chenango, Tompkins, Broome, Chemung, Schuyler, Tioga, and Cortland counties.                       | William E. Scripture.. | Rome.....         | Rep....    | " 31, 1909    |
|                                                                                                                                    | Charles E. Parker....  | Owego.....        | Rep....    | " 31, 1906    |
|                                                                                                                                    | Albert H. Sewell....   | Walton.....       | Rep....    | " 31, 1913    |
|                                                                                                                                    | Burr Mattice.....      | Oneonta....       | Rep....    | " 31, 1910    |
|                                                                                                                                    | Gerritt A. Forbes....  | Canastota....     | Rep....    | " 31, 1906    |
|                                                                                                                                    | Walter Lloyd Smith..   | Elmira.....       | Rep....    | " 31, 1916    |
|                                                                                                                                    | George F. Lyon.....    | Binghamton.       | Rep....    | " 31, 1909    |
|                                                                                                                                    | William H. Adams....   | Canandaigua.      | Rep....    | " 31, 1911    |
| 7th. Livingston, Ontario, Wayne, Yates, Steuben, Seneca, Cayuga, and Monroe counties.                                              | Adelbert P. Rich....   | Aburn.....        | Rep....    | " 31, 1914    |
|                                                                                                                                    | †William E. Werner..   | Rochester..       | Rep....    | " 31, 1908    |
|                                                                                                                                    | John F. Parkhurst..    | Bath.....         | Rep....    | " 31, 1916    |
|                                                                                                                                    | John M. Davy.....      | Rochester..       | Rep....    | " 31, 1916    |
|                                                                                                                                    | Edwin A. Nash.....     | Avon.....         | Rep....    | " 31, 1906    |
|                                                                                                                                    | James W. Dunwell..     | Lyons.....        | Rep....    | " 31, 1909    |
|                                                                                                                                    | John S. Lambert....    | Fredonia....      | Rep....    | " 31, 1903    |
|                                                                                                                                    | Warren B. Hooker..     | ".....            | Rep....    | " 31, 1913    |
|                                                                                                                                    | Daniel J. Kenefick..   | Buffalo.....      | Rep....    | " 31, 1913    |
|                                                                                                                                    | Henry A. Childs....    | Medina.....       | Rep....    | " 31, 1906    |
| 8th. Erie, Chautauqua, Cattaraugus, Orleans, Niagara, Genesee, Allegany, and Wyoming counties.                                     | Edward W. Hatch....    | Buffalo.....      | Rep....    | " 31, 1909    |
|                                                                                                                                    | Alfred Spring.....     | Franklinville.    | Rep....    | " 31, 1909    |
|                                                                                                                                    | Frank C. Laughlin..    | Buffalo.....      | Rep....    | " 31, 1909    |
|                                                                                                                                    | Truman C. White....    | ".....            | Rep....    | " 31, 1910    |
|                                                                                                                                    | Fredrick W. Kruse..    | Olean.....        | Rep....    | " 31, 1914    |
|                                                                                                                                    | John Woodward....      | Jamestown..       | Rep....    | " 31, 1910    |

\* Judges of the former New York City Superior Court. † Judges of the former New York Court of Common Pleas. All of limited jurisdiction. ‡ Assigned to Court of Appeals by Governor.

Popular and Electoral Vote for President in 1900.

| STATES AND TERRITORIES. | POPULAR VOTE.    |                  |                |                 |                    |                     |              |                 |            |             | Electoral Vote  |            |  |
|-------------------------|------------------|------------------|----------------|-----------------|--------------------|---------------------|--------------|-----------------|------------|-------------|-----------------|------------|--|
|                         | Bryan, Dem.      | Mc-Kinley, Rep.  | Woolley, Pro.  | Debs, Soc. Dem. | Mal-loney, Soc. L. | Bar-ker, M. R. Pop. | Ellis, U. R. | Leon-ard, U. C. | Plurality. | Bryan, Dem. | McKin-ley, Rep. | Elec.      |  |
| Alabama.....            | 97,131           | 55,512           | 2,762          | ...             | ...                | 4,178               | ...          | ...             | 41,619     | D           | 11              | ...        |  |
| Arkansas.....           | 81,142           | 44,800           | 584            | ...             | ...                | 972                 | 341          | ...             | 36,342     | D           | 8               | ...        |  |
| California.....         | 124,985          | 164,755          | 5,024          | 7,554           | ...                | ...                 | ...          | ...             | 39,770     | R           | ...             | 9          |  |
| Colorado.....           | 122,733          | 93,072           | 3,790          | 654             | 700                | 387                 | ...          | ...             | 29,661     | D           | 4               | ...        |  |
| Connecticut.....        | 73,997           | 102,567          | 1,617          | 1,029           | 898                | ...                 | ...          | ...             | 28,570     | R           | ...             | 6          |  |
| Delaware.....           | 18,858           | 22,529           | 538            | 57              | ...                | ...                 | ...          | ...             | 3,671      | R           | ...             | 3          |  |
| Florida.....            | 28,007           | 7,314            | 1,039          | 601             | ...                | 1,070               | ...          | ...             | 20,693     | D           | 4               | ...        |  |
| Georgia.....            | 81,700           | 35,035           | 1,396          | ...             | ...                | 4,584               | ...          | ...             | 46,665     | D           | 13              | ...        |  |
| Idaho.....              | 29,414           | 26,997           | 857            | ...             | ...                | 213                 | ...          | ...             | 2,216      | D           | 3               | ...        |  |
| Illinois.....           | 503,061          | 597,985          | 17,623         | 9,687           | 1,373              | 1,141               | 672          | 352             | 94,924     | R           | ...             | 24         |  |
| Indiana.....            | 309,584          | 396,063          | 13,718         | 2,374           | 663                | 1,438               | 254          | ...             | 26,479     | R           | ...             | 15         |  |
| Iowa.....               | 209,179          | 307,755          | 9,479          | 2,775           | 259                | 613                 | ...          | 707             | 98,606     | R           | ...             | 13         |  |
| Kansas.....             | 163,601          | 185,955          | 3,605          | 1,645           | ...                | ...                 | ...          | ...             | 33,354     | R           | ...             | 10         |  |
| Kentucky.....           | 255,103          | 227,128          | 3,780          | 646             | 390                | 1,861               | ...          | ...             | 7,975      | D           | 13              | ...        |  |
| Louisiana.....          | 53,671           | 14,233           | ...            | ...             | ...                | ...                 | ...          | ...             | 39,498     | D           | 8               | ...        |  |
| Maine.....              | 36,822           | 65,435           | 2,585          | 878             | ...                | ...                 | ...          | ...             | 28,613     | R           | ...             | 6          |  |
| Maryland.....           | 192,371          | 136,212          | 4,582          | 908             | 291                | ...                 | 147          | ...             | 13,941     | R           | ...             | 8          |  |
| Massachusetts.....      | 156,997          | 238,866          | 6,202          | 9,607           | 2,599              | ...                 | ...          | ...             | 81,869     | R           | ...             | 15         |  |
| Michigan.....           | 211,685          | 316,269          | 11,859         | 2,826           | 903                | 833                 | ...          | ...             | 104,584    | R           | ...             | 14         |  |
| Minnesota.....          | 112,901          | 190,461          | 8,555          | 3,065           | 1,329              | ...                 | ...          | ...             | 77,560     | R           | ...             | 9          |  |
| Mississippi.....        | 51,706           | 5,753            | ...            | ...             | ...                | 1,644               | ...          | ...             | 45,953     | D           | 9               | ...        |  |
| Missouri.....           | 351,922          | 314,092          | 5,965          | 6,139           | 1,294              | 4,244               | ...          | ...             | 37,830     | D           | 17              | ...        |  |
| Montana.....            | 37,146           | 55,373           | 398            | 708             | ...                | ...                 | ...          | ...             | 11,773     | D           | 3               | ...        |  |
| Nebraska.....           | 114,013          | 121,835          | 3,655          | 823             | ...                | 1,104               | ...          | ...             | 7,822      | R           | ...             | 8          |  |
| Nevada.....             | 6,347            | 3,849            | ...            | ...             | ...                | ...                 | ...          | ...             | 2,498      | D           | 3               | ...        |  |
| New Hampshire.....      | 35,489           | 54,803           | 1,270          | 790             | ...                | ...                 | ...          | ...             | 19,314     | R           | ...             | 4          |  |
| New Jersey.....         | 164,808          | 231,707          | 7,183          | 4,609           | 2,074              | 669                 | ...          | ...             | 56,899     | R           | ...             | 10         |  |
| New York.....           | 678,386          | 821,962          | 22,043         | 12,869          | 12,622             | ...                 | ...          | ...             | 143,606    | R           | ...             | 36         |  |
| North Carolina.....     | 157,752          | 133,081          | 1,006          | ...             | ...                | 830                 | ...          | ...             | 24,671     | D           | 11              | ...        |  |
| North Dakota.....       | 20,519           | 35,891           | 731            | 518             | ...                | 110                 | ...          | ...             | 15,372     | R           | ...             | 3          |  |
| Ohio.....               | 474,882          | 543,918          | 10,203         | 4,847           | 1,688              | 251                 | 4,284        | ...             | 69,036     | R           | ...             | 23         |  |
| Oregon.....             | 33,385           | 46,626           | 2,536          | 1,466           | ...                | 203                 | ...          | ...             | 13,141     | R           | ...             | 4          |  |
| Pennsylvania.....       | 424,232          | 712,665          | 27,908         | 4,831           | 2,936              | 638                 | ...          | ...             | 288,433    | R           | ...             | 32         |  |
| Rhode Island.....       | 19,812           | 33,784           | 1,529          | ...             | 1,423              | ...                 | ...          | ...             | 13,972     | R           | ...             | 4          |  |
| South Carolina.....     | 47,236           | 3,579            | ...            | ...             | ...                | ...                 | ...          | ...             | 43,657     | D           | 9               | ...        |  |
| South Dakota.....       | 39,544           | 54,530           | 1,542          | 176             | ...                | 339                 | ...          | ...             | 14,986     | R           | ...             | 4          |  |
| Tennessee.....          | 144,751          | 121,194          | 3,900          | 410             | ...                | 1,368               | ...          | ...             | 23,557     | D           | 12              | ...        |  |
| Texas.....              | 267,337          | 121,173          | 2,644          | 1,841           | 160                | 20,976              | ...          | ...             | 146,164    | D           | 15              | ...        |  |
| Utah.....               | 45,006           | 47,139           | 209            | 720             | 106                | ...                 | ...          | ...             | 2,133      | R           | ...             | 3          |  |
| Vermont.....            | 12,849           | 42,568           | 368            | ...             | ...                | 367                 | ...          | ...             | 29,719     | R           | ...             | 4          |  |
| Virginia.....           | 146,080          | 115,865          | 2,150          | ...             | ...                | ...                 | ...          | ...             | 30,215     | D           | 12              | ...        |  |
| Washington.....         | 44,833           | 57,456           | 2,363          | 2,006           | 866                | ...                 | ...          | ...             | 12,623     | R           | ...             | 4          |  |
| West Virginia.....      | 98,807           | 119,829          | 1,692          | 268             | ...                | 274                 | ...          | ...             | 21,022     | R           | ...             | 6          |  |
| Wisconsin.....          | 159,255          | 265,866          | 10,124         | 524             | 7,065              | ...                 | ...          | ...             | 106,561    | R           | ...             | 12         |  |
| Wyoming.....            | 10,164           | 14,482           | ...            | ...             | ...                | ...                 | ...          | ...             | 4,318      | R           | ...             | 3          |  |
| <b>Total.....</b>       | <b>6,358,133</b> | <b>7,207,923</b> | <b>208,914</b> | <b>87,814</b>   | <b>39,739</b>      | <b>50,373</b>       | <b>5,698</b> | <b>1,059</b>    | ...        | ...         | <b>155</b>      | <b>292</b> |  |

\* Majority.

|                                                     |            |
|-----------------------------------------------------|------------|
| Popular Vote, McKinley over Bryan.....              | 849,790    |
| Popular Vote, McKinley over all.....                | 456,259    |
| Electoral Vote, McKinley over Bryan.....            | 137        |
| Total Popular Vote, all candidates.....             | 13,959,653 |
| Total Popular Vote, including scattering votes..... | 13,961,566 |

Total Vote for President, 1896 and 1900.

| STATES.          | 1900.     | 1896.     | STATES.             | 1900.     | 1896.     | STATES.             | 1900.     | 1896.     |
|------------------|-----------|-----------|---------------------|-----------|-----------|---------------------|-----------|-----------|
| Alabama.....     | 159,583   | 194,572   | Maine.....          | 105,720   | 118,593   | Ohio.....           | 1,040,073 | 1,009,325 |
| Arkansas.....    | 127,866   | 149,347   | Maryland.....       | 264,511   | 250,842   | Oregon.....         | 84,182    | 97,337    |
| California.....  | 303,793   | 296,503   | Massachusetts.....  | 414,801   | 401,568   | Pennsylvania.....   | 1,173,210 | 1,194,355 |
| Colorado.....    | 221,336   | 189,687   | Michigan.....       | 544,375   | 544,492   | Rhode Island.....   | 56,568    | 54,785    |
| Connecticut..... | 180,118   | 174,390   | Minnesota.....      | 316,311   | 341,539   | South Carolina..... | 50,155    | 68,907    |
| Delaware.....    | 41,982    | 31,460    | Mississippi.....    | 59,103    | 70,545    | South Dakota.....   | 96,131    | 82,950    |
| Florida.....     | 38,031    | 46,461    | Missouri.....       | 683,656   | 674,019   | Tennessee.....      | 271,623   | 320,090   |
| Georgia.....     | 122,715   | 163,061   | Montana.....        | 63,641    | 53,217    | Texas.....          | 412,290   | 544,786   |
| Idaho.....       | 57,914    | 26,895    | Nebraska.....       | 241,443   | 223,245   | Utah.....           | 93,180    | 78,022    |
| Illinois.....    | 1,131,894 | 1,090,869 | Nevada.....         | 10,196    | 10,315    | Vermont.....        | 56,216    | 63,844    |
| Indiana.....     | 664,894   | 637,135   | N. Hampshire.....   | 92,352    | 83,670    | Virginia.....       | 264,095   | 394,664   |
| Iowa.....        | 530,800   | 521,547   | New Jersey.....     | 401,050   | 371,014   | Washington.....     | 107,524   | 93,583    |
| Kansas.....      | 353,766   | 336,134   | New York.....       | 1,547,912 | 1,423,876 | West Virginia.....  | 220,870   | 199,221   |
| Kentucky.....    | 468,888   | 445,775   | North Carolina..... | 292,669   | 329,710   | Wisconsin.....      | 442,894   | 447,411   |
| Louisiana.....   | 67,904    | 101,046   | North Dakota.....   | 57,769    | 47,379    | Wyoming.....        | 25,460    | 20,863    |

Total vote, including scattering vote, 1900, 13,961,566; 1896, 13,923,378.

Popular and Electoral Vote for President, 1876=96.

| STATES.            | 1896.         |                |                 |              | 1892.           |                    |              |             | 1888.             |                   | 1884.              |                | 1880.             |              | 1876.           |                  |              |             |
|--------------------|---------------|----------------|-----------------|--------------|-----------------|--------------------|--------------|-------------|-------------------|-------------------|--------------------|----------------|-------------------|--------------|-----------------|------------------|--------------|-------------|
|                    | POPULAR VOTE. |                |                 |              | ELECTORAL VOTE. |                    |              |             | ELECTORAL VOTE.   |                   | ELECTORAL VOTE.    |                | ELECTORAL VOTE.   |              | ELECTORAL VOTE. |                  |              |             |
|                    | Bryan, Dem.   | McKinley, Rep. | Palmer, N. Dem. | Leaves, Pro. | Ben- ing, Nat.  | Mat- chett, Soc.L. | Pluralities. | Bryan, Dem. | Mc- Kintley, Rep. | Cleve- land, Dem. | Harr- ington, Rep. | Wes- ley, Pop. | Cleve- land, Dem. | Blaine, Dem. | Han- cock, Dem. | Gar- field, Rep. | Tilden, Dem. | Hayes, Rep. |
| Alabama.....       | 120,307       | 54,737         | 6,462           | 2,447        | 833             | 75,570 B           | 75,570 B     | 11          | 8                 | 11                | 8                  | 10             | 7                 | 10           | 6               | 10               | 6            | 10          |
| Arkansas.....      | 110,103       | 37,512         | 2,006           | 1,047        | 1,047           | 72,691 B           | 72,691 B     | 8           | 8                 | 8                 | 1                  | 8              | 7                 | 8            | 5               | 8                | 6            | 8           |
| California.....    | 143,373       | 146,171        | 2,117           | 386          | 1,047           | 1,611              | 3,797 McK    | 4           | 4                 | 4                 | 4                  | 4              | 6                 | 3            | 3               | 3                | 3            | 3           |
| Colorado.....      | 161,133       | 138,271        | 4,324           | 1,808        | 1,808           | 1,223              | 53,545 McK   | 6           | 6                 | 6                 | 3                  | 6              | 6                 | 6            | 6               | 6                | 6            | 6           |
| Connecticut.....   | 56,740        | 110,285        | 4,324           | 3,255        | 3,255           | 3,630 McK          | 3,630 McK    | 4           | 4                 | 4                 | 4                  | 4              | 4                 | 4            | 4               | 4                | 4            | 4           |
| Delaware.....      | 13,424        | 16,804         | 654             | 1,288        | 1,288           | 21,448 B           | 21,448 B     | 4           | 4                 | 4                 | 4                  | 4              | 4                 | 4            | 4               | 4                | 4            | 4           |
| Florida.....       | 92,736        | 11,288         | 2,708           | 6,613        | 6,613           | 34,141 B           | 34,141 B     | 13          | 13                | 13                | 13                 | 13             | 12                | 11           | 11              | 11               | 11           | 11          |
| Georgia.....       | 94,232        | 60,091         | 2,708           | 6,613        | 6,613           | 16,868 B           | 16,868 B     | 3           | 3                 | 3                 | 3                  | 3              | 3                 | 3            | 3               | 3                | 3            | 3           |
| Idaho.....         | 23,182        | 6,324          | 6,324           | 179          | 179             | 1,147              | 142,498 McK  | 24          | 24                | 24                | 24                 | 24             | 22                | 22           | 22              | 21               | 21           | 21          |
| Illinois.....      | 464,632       | 607,130        | 6,390           | 9,796        | 783             | 1,147              | 142,498 McK  | 15          | 15                | 15                | 15                 | 15             | 15                | 15           | 15              | 15               | 15           | 15          |
| Indiana.....       | 305,573       | 323,754        | 2,145           | 3,056        | 2,907           | 324                | 18,181 McK   | 13          | 13                | 13                | 13                 | 13             | 13                | 13           | 13              | 13               | 13           | 13          |
| Iowa.....          | 223,741       | 289,393        | 4,516           | 3,192        | 3,52            | 453                | 65,552 McK   | 10          | 10                | 10                | 10                 | 10             | 9                 | 9            | 9               | 9                | 9            | 9           |
| Kansas.....        | 217,810       | 159,641        | 1,209           | 1,421        | 630             | 12,289 B           | 12,289 B     | 11          | 11                | 11                | 11                 | 11             | 11                | 11           | 11              | 11               | 11           | 11          |
| Kentucky.....      | 171,800       | 184,171        | 5,714           | 4,781        | 4,781           | 281 McK            | 281 McK      | 10          | 10                | 10                | 10                 | 10             | 10                | 10           | 10              | 10               | 10           | 10          |
| Louisiana.....     | 77,175        | 22,037         | 1,834           | 1,834        | 1,834           | 55,138 B           | 55,138 B     | 8           | 8                 | 8                 | 8                  | 8              | 8                 | 8            | 8               | 8                | 8            | 8           |
| Maine.....         | 34,688        | 80,465         | 1,870           | 1,570        | 1,570           | 45,777 McK         | 45,777 McK   | 6           | 6                 | 6                 | 6                  | 6              | 6                 | 6            | 6               | 6                | 6            | 6           |
| Maryland.....      | 104,735       | 136,959        | 2,507           | 5,918        | 136             | 587                | 32,224 McK   | 8           | 8                 | 8                 | 8                  | 8              | 8                 | 8            | 8               | 8                | 8            | 8           |
| Massachusetts..... | 105,711       | 278,976        | 11,743          | 2,998        | 2,998           | 2,114              | 173,285 McK  | 15          | 15                | 15                | 15                 | 15             | 15                | 15           | 15              | 15               | 15           | 15          |
| Michigan.....      | 236,714       | 293,382        | 6,879           | 5,025        | 1,965           | 297                | 56,898 McK   | 14          | 14                | 14                | 14                 | 14             | 14                | 14           | 14              | 14               | 14           | 14          |
| Minnesota.....     | 139,626       | 193,801        | 3,202           | 4,343        | 4,343           | 867                | 53,875 McK   | 9           | 9                 | 9                 | 9                  | 9              | 9                 | 9            | 9               | 9                | 9            | 9           |
| Mississippi.....   | 63,859        | 5,130          | 1,071           | 485          | 283             | 58,729 B           | 58,729 B     | 17          | 17                | 17                | 17                 | 17             | 16                | 16           | 16              | 16               | 16           | 16          |
| Missouri.....      | 383,667       | 304,390        | 2,355           | 2,189        | 2,189           | 56                 | 58,727 B     | 9           | 9                 | 9                 | 9                  | 9              | 9                 | 9            | 9               | 9                | 9            | 9           |
| Montana.....       | 42,537        | 10,494         | 186             | 186          | 186             | 32,043 B           | 32,043 B     | 3           | 3                 | 3                 | 3                  | 3              | 3                 | 3            | 3               | 3                | 3            | 3           |
| Nebraska.....      | 115,880       | 102,364        | 2,885           | 1,193        | 797             | 186                | 13,576 B     | 3           | 3                 | 3                 | 3                  | 3              | 3                 | 3            | 3               | 3                | 3            | 3           |
| Nevada.....        | 8,377         | 1,938          | 8,377           | 779          | 49              | 228                | 85,794 McK   | 4           | 4                 | 4                 | 4                  | 4              | 4                 | 4            | 4               | 4                | 4            | 4           |
| New Hampshire..... | 21,650        | 57,444         | 3,520           | 779          | 49              | 228                | 85,794 McK   | 4           | 4                 | 4                 | 4                  | 4              | 4                 | 4            | 4               | 4                | 4            | 4           |
| New Jersey.....    | 133,675       | 62,373         | 5,614           | 5,614        | 5,614           | 3,863              | 87,682 McK   | 10          | 10                | 10                | 10                 | 10             | 10                | 10           | 10              | 10               | 10           | 10          |
| New York.....      | 551,369       | 819,838        | 18,360          | 16,052       | 1,067           | 308,469 McK        | 308,469 McK  | 36          | 36                | 36                | 36                 | 36             | 36                | 36           | 36              | 36               | 36           | 36          |
| N. Carolina.....   | 174,468       | 165,222        | 578             | 675          | 247             | 19,266 McK         | 19,266 McK   | 11          | 11                | 11                | 11                 | 11             | 11                | 11           | 11              | 11               | 11           | 11          |
| N. Dakota.....     | 20,686        | 26,359         | 1,857           | 5,095        | 2,716           | 1,107              | 5,649 McK    | 1           | 1                 | 1                 | 1                  | 1              | 1                 | 1            | 1               | 1                | 1            | 1           |
| Ohio.....          | 471,494       | 525,951        | 1,877           | 3,019        | 2,716           | 1,107              | 5,649 McK    | 22          | 22                | 22                | 22                 | 22             | 22                | 22           | 22              | 22               | 22           | 22          |
| Oregon.....        | 46,662        | 48,779         | 1,977           | 3,019        | 2,716           | 1,107              | 5,649 McK    | 1           | 1                 | 1                 | 1                  | 1              | 1                 | 1            | 1               | 1                | 1            | 1           |
| Pennsylvania.....  | 433,226       | 725,700        | 11,006          | 19,274       | 870             | 1,683              | 295,072 McK  | 32          | 32                | 32                | 32                 | 32             | 32                | 32           | 32              | 32               | 32           | 32          |
| Rhode Island.....  | 15,689        | 39,387         | 1,068           | 1,160        | 5               | 698                | 29,978 McK   | 4           | 4                 | 4                 | 4                  | 4              | 4                 | 4            | 4               | 4                | 4            | 4           |
| S. Carolina.....   | 15,689        | 39,387         | 1,068           | 1,160        | 5               | 698                | 29,978 McK   | 4           | 4                 | 4                 | 4                  | 4              | 4                 | 4            | 4               | 4                | 4            | 4           |
| S. Dakota.....     | 41,295        | 41,043         | 828             | 685          | 685             | 49,517 B           | 49,517 B     | 9           | 9                 | 9                 | 9                  | 9              | 9                 | 9            | 9               | 9                | 9            | 9           |
| Tennessee.....     | 168,268       | 148,772        | 1,951           | 3,098        | 1,951           | 17,495 B           | 17,495 B     | 12          | 12                | 12                | 12                 | 12             | 12                | 12           | 12              | 12               | 12           | 12          |
| Texas.....         | 370,434       | 187,620        | 5,046           | 1,786        | 1,786           | 262,914 B          | 262,914 B    | 15          | 15                | 15                | 15                 | 15             | 15                | 15           | 15              | 15               | 15           | 15          |
| Utah.....          | 64,517        | 13,484         | 31              | 64,517       | 31              | 64,517 B           | 64,517 B     | 3           | 3                 | 3                 | 3                  | 3              | 3                 | 3            | 3               | 3                | 3            | 3           |
| Vermont.....       | 10,637        | 51,127         | 1,321           | 733          | 733             | 40,490 McK         | 40,490 McK   | 4           | 4                 | 4                 | 4                  | 4              | 4                 | 4            | 4               | 4                | 4            | 4           |
| Virginia.....      | 164,709       | 135,268        | 2,129           | 2,350        | 1,48            | 108                | 19,341 B     | 12          | 12                | 12                | 12                 | 12             | 12                | 12           | 12              | 12               | 12           | 12          |
| Washington.....    | 51,646        | 39,153         | 1,668           | 1,903        | 1,48            | 108                | 19,341 B     | 4           | 4                 | 4                 | 4                  | 4              | 4                 | 4            | 4               | 4                | 4            | 4           |
| W. Virginia.....   | 92,927        | 104,414        | 677             | 1,203        | 1,48            | 108                | 19,341 B     | 6           | 6                 | 6                 | 6                  | 6              | 6                 | 6            | 6               | 6                | 6            | 6           |
| Wisconsin.....     | 165,523       | 298,135        | 4,584           | 7,509        | 346             | 1,314              | 102,612 McK  | 12          | 12                | 12                | 12                 | 12             | 12                | 12           | 12              | 12               | 12           | 12          |
| Wyoming.....       | 10,655        | 10,072         | 136             | 136          | 136             | 10,072 B           | 10,072 B     | 3           | 3                 | 3                 | 3                  | 3              | 3                 | 3            | 3               | 3                | 3            | 3           |
| Total.....         | 6,502,925     | 7,106,779      | 133,424         | 132,009      | 13,969          | 36,274             | 176          | 21          | 277               | 145               | 22                 | 182            | 219               | 182          | 168             | 233              | 214          | 195         |
| Plurality.....     | 968,894       | 968,894        | .....           | .....        | .....           | .....              | .....        | .....       | .....             | .....             | .....              | .....          | .....             | .....        | .....           | .....            | .....        | .....       |

\* In both California and Kentucky one Bryan elector was elected. † Count of the Electors at Commission.



Election Returns.

BY STATES, COUNTIES, AND CONGRESSIONAL DISTRICTS.

ALABAMA.

| COUNTIES.<br>(66.) | GOVERNOR,<br>1902. |                | PRESIDENT, 1900. |                       |                       |                               |
|--------------------|--------------------|----------------|------------------|-----------------------|-----------------------|-------------------------------|
|                    | Jelks,<br>Dem.     | Smith,<br>Rep. | Bryan,<br>Dem.   | Mc-<br>Kinley<br>Rep. | Wool-<br>ley,<br>Pro. | Bar-<br>ker,<br>M. R.<br>Pop. |
| Autauga .....      | 796                | 85             | 990              | 537                   | 8                     | 38                            |
| Baldwin .....      | 343                | 54             | 444              | 396                   | -7                    | 74                            |
| Barbour .....      | 1,160              | 65             | 2,714            | 272                   | 23                    | 21                            |
| Bibb .....         | 747                | 246            | 725              | 482                   | 40                    | 30                            |
| Blount .....       | 1,320              | 891            | 1,484            | 1,134                 | 73                    | 113                           |
| Bullock .....      | 562                | 24             | 1,586            | 269                   | 4                     | 7                             |
| Butler .....       | 1,194              | 175            | 744              | 1,161                 | 20                    | 76                            |
| Calhoun .....      | 1,717              | 674            | 1,835            | 567                   | 84                    | 198                           |
| Chambers .....     | 1,080              | 90             | 2,837            | 835                   | 89                    | 62                            |
| Cherokee .....     | 1,139              | 761            | 1,167            | 1,169                 | 59                    | 392                           |
| Chilton .....      | 698                | 839            | 469              | 791                   | 28                    | 24                            |
| Choctaw .....      | 437                | 10             | 658              | 406                   | 17                    | 33                            |
| Clarke .....       | 918                | 13             | 2,066            | 372                   | 14                    | 4                             |
| Clay .....         | 1,130              | 745            | 990              | 1,087                 | 37                    | 94                            |
| Cleburne .....     | 707                | 565            | 660              | 624                   | 50                    | 50                            |
| Coffee .....       | 1,010              | 289            | 998              | 535                   | 30                    | 19                            |
| Colbert .....      | 647                | 151            | 1,542            | 1,243                 | 35                    | 85                            |
| Conecuh .....      | 777                | 242            | 718              | 803                   | 65                    | 81                            |
| Coosa .....        | 979                | 558            | 959              | 951                   | 40                    | 31                            |
| Covington .....    | 673                | 136            | 560              | 183                   | 39                    | 59                            |
| Crenshaw .....     | 955                | 157            | 1,141            | 549                   | 120                   | 168                           |
| Cullman .....      | 1,362              | 1,158          | 1,167            | 820                   | 34                    | 122                           |
| Dale .....         | 1,112              | 756            | 1,141            | 888                   | 55                    | 146                           |
| Dallas .....       | 1,246              | 7              | 4,714            | 161                   | 76                    | 50                            |
| De Kalb .....      | 1,442              | 1,474          | 1,873            | 1,735                 | 32                    | 67                            |
| Elmore .....       | 1,141              | 311            | 1,773            | 1,104                 | 131                   | 31                            |
| Escambia .....     | 145                | 72             | 609              | 436                   | 24                    | 15                            |
| Etowah .....       | 1,335              | 1,220          | 1,734            | 1,629                 | 37                    | 164                           |
| Fayette .....      | 722                | 586            | 638              | 892                   | 9                     | 11                            |
| Franklin .....     | 745                | 648            | 814              | 1,151                 | 56                    | 89                            |
| Geneva .....       | 754                | 648            | 679              | 657                   | 25                    | 99                            |
| Greene .....       | 442                | 16             | 964              | 107                   | 14                    | 5                             |
| Hale .....         | 676                |                | 1,563            | 348                   | 19                    | 12                            |
| Henry .....        | 1,429              | 155            | 1,984            | 590                   | 45                    | 86                            |
| Jackson .....      | 1,351              | 562            | 1,933            | 1,694                 | 40                    | 24                            |
| Jackson .....      | 4,005              | 1,034          | 4,580            | 2,842                 | 213                   | 86                            |
| Lamar .....        | 852                | 299            | 890              | 509                   | 23                    | 30                            |
| Lauderdale .....   | 1,268              | 412            | 1,280            | 1,458                 | 12                    | 17                            |
| Lawrence .....     | 869                | 343            | 1,262            | 996                   | 39                    | 27                            |
| Lee .....          | 1,002              | 51             | 1,718            | 1,026                 | 75                    | 28                            |
| Limestone .....    | 741                | 59             | 1,063            | 1,157                 | 37                    | 26                            |
| Lowndes .....      | 624                | 15             | 1,770            | 1,524                 | 9                     | 10                            |
| Macon .....        | 600                | 12             | 1,295            | 511                   | 25                    | 19                            |
| Madison .....      | 1,875              | 191            | 3,641            | 1,679                 | 14                    | 36                            |
| Marion .....       | 893                | 26             | 2,306            | 234                   | 7                     | 4                             |
| Marion .....       | 969                | 545            | 1,137            | 685                   | 15                    | 8                             |
| Marshall .....     | 1,176              | 1,430          | 1,398            | 1,139                 | 69                    | 219                           |
| Mobile .....       | 2,165              | 311            | 2,939            | 2,243                 | 93                    | 112                           |
| Monroe .....       | 837                | 15             | 909              | 146                   | 8                     | 6                             |
| Montgomery .....   | 1,743              | 88             | 3,047            | 567                   | 92                    | 60                            |
| Morgan .....       | 1,127              | 287            | 1,747            | 1,500                 | 17                    | 67                            |
| Perry .....        | 627                | 32             | 1,748            | 80                    | 13                    | 16                            |
| Pickens .....      | 795                | 160            | 797              | 263                   | 68                    | 59                            |
| Pike .....         | 1,206              | 30             | 1,413            | 498                   | 9                     | 35                            |
| Randolph .....     | 1,136              | 577            | 1,510            | 1,377                 | 10                    | 36                            |
| Russell .....      | 386                | 3              | 1,416            | 135                   | 8                     | 12                            |
| Shelby .....       | 1,045              | 874            | 749              | 1,389                 | 41                    | 95                            |
| St. Clair .....    | 716                | 832            | 794              | 1,171                 | 69                    | 411                           |
| Sumter .....       | 674                | 6              | 1,053            | 204                   | 18                    | 6                             |
| Talladega .....    | 1,455              | 318            | 1,602            | 1,393                 | 122                   | 44                            |
| Tallapoosa .....   | 1,400              | 328            | 2,557            | 1,202                 | 84                    | 31                            |
| Tuscaloosa .....   | 999                | 152            | 1,173            | 650                   | 29                    | 39                            |
| Walker .....       | 1,393              | 901            | 1,250            | 1,684                 | 18                    | 25                            |
| Washington .....   | 425                | 28             | 492              | 269                   | 12                    | 27                            |
| Wilcox .....       | 746                | 3              | 2,031            | 30                    | 21                    | 2                             |
| Winston .....      | 550                | 696            | 539              | 519                   | 14                    | 15                            |
| Total .....        | 67,763             | 24,421         | 97,131           | 55,512                | 2,762                 | 4,178                         |
| Plurality .....    | 43,342             |                | 41,619           |                       |                       |                               |
| Per cent .....     | 73.51              | 26.49          | 60.86            | 34.66                 | 1.79                  | 2.66                          |
| Scattering .....   |                    |                |                  |                       |                       |                               |
| Whole vote .....   | 92,184             |                |                  | 159,583               |                       |                               |

ALABAMA—Continued.

Bryan's Democratic vote in 1896 was 105,390, and the Populist vote, 24,917. The scattering vote: Palmer, N. D., 6,462; Levering, Pro., 2,147.

Vote for Governor in 1900 was: Samford, Dem., 115,167; Steele, Rep., 28,291; Crowe, Pop., 17,543; Hargett, Pro., 1,301.

At an election held April 23, 1900, relative to the calling of a State Constitutional Convention, there were 70,305 votes cast for and 45,505 against.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1902.

Districts.

I. Counties of Choctaw, Clarke, Marengo, Mobile, Monroe, and Washington. G. W. Taylor, Dem., 5,364; E. H. Hubbard, Rep., 545; G. H. Wilkinson, Ind. Rep., 65. Taylor's plurality, 4,819.

II. Counties of Baldwin, Butler, Conecuh, Covington, Crenshaw, Escambia, Montgomery, Pike, and Wilcox. A. A. Wiley, Dem., 7,696; Julius Sternfeld, Rep., 861. Wiley's majority, 6,835.

III. Counties of Barbour, Bullock, Coffee, Dale, Geneva, Henry, Lee, and Russell. Henry D. Clayton, Dem., 7,535; Moses W. Carden, Rep., 905; J. P. Pelham, Ind. Rep., 535. Clayton's plurality, 6,690.

IV. Counties of Calhoun, Chilton, Cleburne, Dallas, Shelby, and Talladega. S. J. Bowie, Dem., 6,980; James A. Edwards, Rep., 3,048. Bowie's majority, 3,932.

V. Counties of Autauga, Chambers, Clay, Coosa, Elmore, Lowndes, Macon, Randolph, and Tallapoosa. C. W. Thompson, Dem., 9,043; R. S. Nolen, Rep., 2,495. Thompson's majority, 6,547.

VI. Counties of Fayette, Greene, Lamar, Marion, Pickens, Sunter, Tuscaloosa, and Walker. J. H. Bankhead, Dem., 7,421; Wm. B. Ford, Rep., 2,798. Bankhead's majority, 4,780.

VII. Counties of Cherokee, Cullman, De Kalb, Etowah, Franklin, Marshall, St. Clair, and Winston. John L. Burnett, Dem., 9,298; O. D. Street, Rep., 8,044; W. T. L. Cofer, Ind. Dem., 239. Burnett's plurality, 1,254.

VIII. Counties of Colbert, Jackson, Lauderdale, Lawrence, Limestone, Madison, and Morgan. Wm. Richardson, Dem., 7,935; James Jackson, Rep., 1,889. Richardson's majority, 6,046.

IX. Counties of Bibb, Blount, Hale, Perry, and Jefferson. O. W. Underwood, Dem., 6,782; J. Clyde Miller, Rep., 1,793. Underwood's majority, 4,989.

PRESENT STATE GOVERNMENT.

Governor, W. D. Jelks; Lieutenant-Governor, R. M. Cunningham; Secretary of State, J. Thomas Heflin; Auditor, T. L. Sowell; Adjutant-General, W. W. Brandon; Attorney-General, Massey Wilson; Treasurer, J. Craig Smith; Superintendent of Education, I. W. Hill; Commissioner of Agriculture, R. R. Poole; Commissioner of Insurance, E. R. McDavid—all Democrats.

JUDICIARY.

Supreme Court: Chief Justice, Thomas N. McClellan; Associate Justices, Jonathan Haralson, John R. Tyson, Henry A. Sharpe, and James R. Dowdell; Clerk, R. F. Ligon, Jr.—all Democrats.

STATE LEGISLATURE, 1903

|                       | Senate. | House. | Joint Ballot. |
|-----------------------|---------|--------|---------------|
| Democrats.....        | 35      | 103    | 138           |
| Republicans.....      |         | 2      | 2             |
| Democratic majority.. | 35      | 101    | 136           |

ALABAMA—Continued.

| VOTE OF THE STATE SINCE 1872. |                      |        |         |       |           |
|-------------------------------|----------------------|--------|---------|-------|-----------|
|                               | Dem.                 | Rep.   | Gr.     | Pro.  | Plu.      |
| 1872. President.....          | 79,239               | 90,272 | .....   | ..... | *10,974 R |
| 1876. President.....          | 102,002              | 68,230 | .....   | ..... | *33,772 D |
| 1880. President.....          | 90,687               | 56,178 | 4,642   | ..... | 34,509 D  |
| 1882. Governor.....           | 100,391              | 46,386 | .....   | ..... | *54,199 D |
| 1884. President.....          | 92,973               | 69,144 | 762     | ..... | 33,829 D  |
| 1886. Governor.....           | 144,821              | 37,116 | .....   | 576   | 107,621 D |
| 1888. Governor.....           | 155,973              | 44,770 | .....   | 343   | 111,203 D |
| 1888. President.....          | 117,320              | 56,197 | .....   | 583   | 61,123 D  |
| 1890. Governor.....           | 139,920              | 42,440 | .....   | 1,580 | 97,470 D  |
|                               | <i>Pop.</i>          |        |         |       |           |
| 1892. Governor.....           | 126,959              | .....  | 115,522 | ..... | *11,437 D |
| 1892. President.....          | 138,138              | 9,197  | 85,181  | 239   | 52,937 D  |
| 1894. Governor.....           | 110,865              | .....  | 83,283  | ..... | *27,582 D |
|                               | <i>R. &amp; Pop.</i> |        |         |       |           |
| 1896. Governor.....           | 128,541              | 89,290 | .....   | ..... | *39,251 D |
|                               | <i>Rep. N. D.</i>    |        |         |       |           |
| 1896. President.....          | 130,307              | 54,737 | 6,462   | 2,147 | 75,570 D  |
| 1898. Governor.....           | 111,936              | 52,164 | .....   | ..... | *59,772 D |
|                               | <i>Pop.</i>          |        |         |       |           |
| 1900. Governor.....           | 115,167              | 28,291 | 17,543  | 1,301 | 86,876 D  |
| 1902. Governor.....           | 67,763               | 24,421 | .....   | ..... | 43,342 D  |

\* Majority.

ARIZONA.

| COUNTIES.<br>(13.) | CONGRESS,<br>1902. |                   | CONGRESS,<br>1900. |                 |                        |
|--------------------|--------------------|-------------------|--------------------|-----------------|------------------------|
|                    | Wills'n<br>Dem.    | Morrison,<br>Rep. | Smith,<br>Dem.     | Murphy,<br>Rep. | Dav-<br>idson,<br>Pro. |
| Apache.....        | 212                | 356               | 213                | 309             | .....                  |
| Cochise.....       | 1,504              | 1,157             | 804                | 665             | 25                     |
| Cocouino.....      | 448                | 583               | 436                | 502             | 19                     |
| Gila.....          | 438                | 409               | 648                | 358             | 18                     |
| Graham.....        | 1,245              | 753               | 904                | 630             | 16                     |
| Maricopa.....      | 1,762              | 1,589             | 1,706              | 1,691           | 126                    |
| Mohave.....        | 277                | 292               | 424                | 131             | 5                      |
| Navajo.....        | 234                | 326               | 303                | 270             | 2                      |
| Pima.....          | 812                | 940               | 877                | 699             | 9                      |
| Pinal.....         | 265                | 254               | 384                | 195             | 4                      |
| Santa Cruz.....    | 277                | 259               | 281                | 229             | 3                      |
| Yavapai.....       | 1,663              | 1,960             | 1,213              | 1,670           | 55                     |
| Yuma.....          | 447                | 351               | 471                | 284             | 10                     |
| Total.....         | 9,716              | 9,239             | 8,664              | 7,664           | 292                    |
| Plurality.....     | 477                | .....             | 1,000              | .....           | .....                  |
| Per cent.....      | 49.35              | 46.92             | 52.23              | 45.46           | 1.75                   |
| Scattering.....    | 733                | .....             | .....              | .....           | .....                  |
| Whole vote.....    | 19,688             | .....             | .....              | 16,620          | .....                  |

JUDICIARY.

Supreme Court: Chief Justice, Edward Kent; Associate Justices, Richard E. Sloan, Fletcher M. Doan, George R. Davis; Clerk, Shelby M. Collum—all Republicans.

PRESENT TERRITORIAL GOVERNMENT.

Governor, Alex. O. Brodie; Secretary, Isaac T. Stoddard; Treasurer, Jerome M. Cristy; Auditor, Wm. F. Nichols; Adjutant-General, H. P. Robinson; Attorney-General, Ed. W. Wells; Superintendent of Education, R. L. Long—all Republicans.

TERRITORIAL LEGISLATURE, 1902.

Council. House. Joint Ballot.

|                       |    |    |       |
|-----------------------|----|----|-------|
| Democrats.....        | 7  | 16 | 23    |
| Republicans.....      | 5  | 5  | 10    |
| Democratic majority 2 | 11 | 13 | ..... |

VOTE OF THE TERRITORY SINCE 1878.

|           | Dem.        | Rep.  | Gr.   | Ind.  | Maj.     |
|-----------|-------------|-------|-------|-------|----------|
| 1878..... | 2,542       | ..... | 1,097 | 822   | *1,445 D |
| 1880..... | 4,095       | 3,606 | ..... | ..... | 489 D    |
| 1882..... | 6,121       | 5,141 | ..... | ..... | 980 D    |
| 1884..... | 5,595       | 6,747 | ..... | ..... | 1,152 R  |
| 1886..... | 6,355       | 4,472 | ..... | ..... | 1,883 D  |
| 1888..... | 7,686       | 3,852 | ..... | ..... | 3,834 D  |
| 1890..... | 6,137       | 4,941 | ..... | ..... | 1,196 D  |
| 1892..... | 7,152       | 5,171 | ..... | ..... | 1,981 D  |
|           | <i>Pop.</i> |       |       |       |          |
| 1894..... | 4,773       | 5,648 | 3,006 | ..... | *875 R   |
| 1896..... | 6,065       | 4,090 | 3,895 | ..... | *1,975 D |
| 1898..... | 8,212       | 7,384 | ..... | ..... | 892 D    |
| 1900..... | 8,664       | 7,064 | ..... | ..... | 1,600 D  |
| 1902..... | 9,716       | 9,239 | ..... | ..... | 477 D    |

\* Plurality.

ARKANSAS.

| COUNTIES.<br>(15.) | GOVERNOR,<br>1902. |                |                | PRESIDENT,<br>1900.   |                      |                  |  |
|--------------------|--------------------|----------------|----------------|-----------------------|----------------------|------------------|--|
|                    | Davis,<br>Dem.     | Meyr's<br>Rep. | Bryan,<br>Dem. | Mc-<br>Kinley<br>Rep. | Wool-<br>ley<br>Pro. | Barker<br>M.K.P. |  |
| Arkansas.....      | 804                | 272            | 990            | 598                   | 9                    | 6                |  |
| Ashley.....        | 1,028              | 393            | 1,581          | 524                   | 8                    | 8                |  |
| Baxter.....        | 430                | 256            | 723            | 287                   | 2                    | 1                |  |
| Benton.....        | 2,018              | 749            | 2,980          | 1,087                 | 26                   | 20               |  |
| Boone.....         | 940                | 364            | 1,398          | 541                   | 5                    | 6                |  |
| Bradley.....       | 522                | 78             | 642            | 163                   | 4                    | 4                |  |
| Calhoun.....       | 475                | 58             | 654            | 244                   | 4                    | 2                |  |
| Carroll.....       | 1,108              | 656            | 1,265          | 755                   | 24                   | 14               |  |
| Chicot.....        | 347                | 265            | 269            | 430                   | 4                    | 5                |  |
| Clark.....         | 867                | 534            | 1,392          | 703                   | 23                   | 7                |  |
| Clay.....          | 1,093              | 510            | 1,195          | 627                   | 4                    | 9                |  |
| Cleburne.....      | 830                | 140            | 520            | 205                   | 16                   | 57               |  |
| Cleveland.....     | 759                | 136            | 876            | 286                   | 2                    | 5                |  |
| Columbia.....      | 806                | 205            | 1,440          | 606                   | 2                    | 11               |  |
| Conway.....        | 2,017              | 332            | 1,655          | 805                   | 9                    | 4                |  |
| Craighead.....     | 1,612              | 338            | 1,326          | 489                   | 28                   | 20               |  |
| Crawford.....      | 1,216              | 517            | 1,449          | 1,060                 | 10                   | 7                |  |
| Crittenden.....    | 374                | 76             | 327            | 381                   | 3                    | 4                |  |
| Cross.....         | 685                | 60             | 638            | 312                   | 1                    | .....            |  |
| Dallas.....        | 563                | 261            | 746            | 514                   | 6                    | 7                |  |
| Desha.....         | 350                | 99             | 328            | 168                   | 5                    | 1                |  |
| Drew.....          | 1,122              | 348            | 1,099          | 569                   | 4                    | 10               |  |
| Faulkner.....      | 1,319              | 353            | 1,191          | 682                   | 4                    | 30               |  |
| Franklin.....      | 1,106              | 427            | 1,367          | 485                   | 8                    | 21               |  |
| Fulton.....        | 523                | 198            | 984            | 397                   | 4                    | 5                |  |
| Garland.....       | 1,880              | 281            | 940            | 708                   | 7                    | 3                |  |
| Grant.....         | 490                | 73             | 574            | 175                   | .....                | .....            |  |
| Greene.....        | 1,523              | 358            | 1,091          | 419                   | 6                    | 9                |  |
| Hempstead.....     | 1,710              | 1,245          | 1,352          | 1,330                 | 15                   | 5                |  |
| Hot Spring.....    | 758                | 252            | 763            | 423                   | 3                    | 8                |  |
| Howard.....        | 882                | 299            | 986            | 585                   | 9                    | 27               |  |
| Independence.....  | 1,315              | 580            | 1,526          | 782                   | 15                   | 55               |  |
| Izard.....         | 423                | 231            | 1,119          | 381                   | 5                    | 5                |  |
| Jackson.....       | 995                | 331            | 1,050          | 598                   | 7                    | 2                |  |
| Jefferson.....     | 1,257              | 678            | 1,363          | 1,477                 | 2                    | 1                |  |
| Johnson.....       | 1,110              | 381            | 1,317          | 552                   | 5                    | 6                |  |
| Lafayette.....     | 501                | 169            | 422            | 448                   | .....                | .....            |  |
| Lawrence.....      | 1,046              | 348            | 958            | 476                   | 3                    | 6                |  |
| Lee.....           | 1,875              | 1,364          | 2,850          | 1,296                 | .....                | .....            |  |
| Lincoln.....       | 791                | 99             | 794            | 392                   | 13                   | 12               |  |
| Little River.....  | 609                | 345            | 751            | 281                   | 1                    | 6                |  |
| Logan.....         | 1,450              | 643            | 1,557          | 848                   | 8                    | 13               |  |
| Louise.....        | 1,985              | 573            | 1,337          | 779                   | 7                    | 18               |  |
| Madison.....       | 1,407              | 970            | 1,475          | 1,289                 | 5                    | 2                |  |
| Marion.....        | 793                | 347            | 905            | 375                   | 1                    | 4                |  |
| Miller.....        | 758                | 481            | 855            | 579                   | 15                   | 26               |  |
| Mississippi.....   | 720                | 318            | 591            | 378                   | .....                | .....            |  |
| Monroe.....        | 1,042              | 212            | 708            | 403                   | .....                | .....            |  |
| Montgomery.....    | 613                | 185            | 478            | 293                   | 1                    | 6                |  |
| Nevada.....        | 940                | 412            | 732            | 734                   | 26                   | 49               |  |
| Newton.....        | 522                | 640            | 443            | 690                   | 1                    | 1                |  |
| Ouachita.....      | 1,097              | 926            | 1,120          | 1,143                 | 5                    | 3                |  |
| Perry.....         | 550                | 144            | 459            | 293                   | 3                    | 6                |  |
| Phillips.....      | 1,324              | 280            | 1,349          | 388                   | 8                    | .....            |  |
| Pike.....          | 696                | 504            | 566            | 415                   | .....                | .....            |  |
| Poinsett.....      | 964                | 309            | 320            | 180                   | 1                    | .....            |  |
| Polk.....          | 1,144              | 558            | 922            | 411                   | 11                   | 38               |  |
| Pope.....          | 1,469              | 465            | 1,871          | 833                   | 2                    | 14               |  |
| Prairie.....       | 520                | 123            | 856            | 496                   | 5                    | 3                |  |
| Pulaski.....       | 2,501              | 1,038          | 2,609          | 1,932                 | 39                   | 20               |  |
| Randolph.....      | 1,829              | 419            | 1,385          | 428                   | 2                    | 8                |  |
| Saline.....        | 928                | 115            | 811            | 349                   | 7                    | 16               |  |
| Scott.....         | 957                | 289            | 733            | 313                   | 1                    | 16               |  |
| Searcy.....        | 604                | 851            | 567            | 869                   | .....                | .....            |  |
| Sebastian.....     | 1,777              | 836            | 2,094          | 964                   | 11                   | 16               |  |
| St. Francis.....   | 722                | 142            | 772            | 360                   | 2                    | 10               |  |
| Sharp.....         | 727                | 234            | 1,059          | 394                   | 3                    | 10               |  |
| Stone.....         | 595                | 225            | 654            | 706                   | 6                    | 7                |  |
| Union.....         | 611                | 189            | 520            | 231                   | 1                    | 9                |  |
| Van Buren.....     | 1,193              | 115            | 1,258          | 336                   | 10                   | 7                |  |
| Washington.....    | 817                | 389            | 599            | 445                   | 3                    | 35               |  |
| White.....         | 1,970              | 778            | 2,658          | 1,345                 | 49                   | 54               |  |
| Woodruff.....      | 1,717              | 445            | 1,694          | 811                   | 53                   | 99               |  |
| Yell.....          | 1,035              | 247            | 990            | 549                   | 2                    | 1                |  |
| Total.....         | 1,370              | 399            | 1,464          | 798                   | 14                   | .....            |  |
| Plurality.....     | 77,354             | 29,251         | 81,142         | 44,800                | 584                  | 972              |  |
| Per cent.....      | 48.13              | 21.42          | 59.24          | 35.86                 | 0.45                 | 0.76             |  |
| Scattering.....    | 64                 | 60             | 63             | 47                    | .....                | .....            |  |
| Whole vote.....    | 119,741            | .....          | .....          | 127,866               | .....                | .....            |  |

ARKANSAS—Continued.

For Governor, in 1902, Greaves, Pop., received 8,343 votes; Kimbell, Pro., 4,791.

The vote for Governor in 1900 was: Jeff. Davis, Dem., 88,637; H. L. Remmel, Rep., 40,701; A. W. Files, Pop., 3,641. Davis' plurality, 47,936.

NOTE FOR REPRESENTATIVES IN CONGRESS, 1902.

Districts.

I. Counties of Clay, Greene, Craighead, Mississippi, Crittenden, Cross, Poinsett, St. Francis, Lee, Phillips, and Woodruff. R. B. Mason, Dem., 4,796; no opposition.

II. Counties of Stone, Sharp, Randolph, Lawrence, Fulton, Izard, Independence, White, Cleburne, Jackson, Prairie, and Monroe. S. Brundidge, Jr., Dem., 4,549; R. S. Coffman, Rep., 858. Brundidge's majority, 3,691.

III. Counties of Washington, Benton, Madison, Carroll, Newton, Boone, Searcy, Baxter, Marion, and Van Buren. H. A. Dinsmore, Dem., 4,808; W. L. McPherson, Rep., 1,833. Dinsmore's majority, 2,975.

IV. Counties of Crawford, Logan, Sebastian, Scott, Polk, Sevier, Howard, Pike, Little River, Montgomery, and Miller. John S. Little, Dem., 4,213; F. A. Youmans, Rep., 1,142. Little's majority, 3,071.

V. Counties of Franklin, Johnson, Pope, Yell, Conway, Faulkner, Perry, and Pulaski. Chas. C. Reid, Dem., 4,530; Henry M. Sugg, Rep., 1,167. Reid's majority, 3,363.

VI. Counties of Garland, Hot Springs, Saline, Dallas, Grant, Desha, Cleveland, Lincoln, Drew, Jefferson, Arkansas, and Lonoke. Joe T. Robinson, Dem., 5,195; W. M. Carpenter, Rep., 622. Robinson's majority, 4,573.

VII. Counties of Hempstead, Clark, Nevada, Columbia, Union, Ouachita, Lafayette, Calhoun, Bradley, Ashley, and Chicot. Minor Wallace, Dem., 4,730; R. L. Floyd, Rep., 971. Wallace's plurality, 3,759.

PRESENT STATE GOVERNMENT.

Governor, Jeff. Davis; Lieutenant-Governor, Robt. L. Lawrence; Secretary of State, John W. Crockett; Treasurer, H. C. Tipton; Auditor, T. C. Monroe; Attorney-General, George W. Murphy; Superintendent of Education, J. H. Hineman; Commissioner of Agriculture, H. T. Bradford; Commissioner of Insurance and *ex-officio* Commissioner of Public Lands, F. E. Conway—all Democrats.

JUDICIARY.

Supreme Court: Chief Justice, Henry G. Bunn; Justices, Simon P. Hughes, C. D. Wood, Burrill B. Battle, and James E. Riddick; Clerk of the Court, P. D. English—all Democrats.

STATE LEGISLATURE, 1903.

Senate. House. Joint Ballot.

|                      |    |    |     |
|----------------------|----|----|-----|
| Democrats.....       | 85 | 98 | 133 |
| Republicans.....     | .. | .. | 2   |
| Democratic majority. | 82 | 92 | 131 |

NOTE OF THE STATE SINCE 1872.

|                | Dem.    | Rep.   | Gr.    | Wheel. | Prog.  | Majority. |
|----------------|---------|--------|--------|--------|--------|-----------|
| 1872. Pres.... | 37,927  | 41,073 | ...    | ...    | ...    | 3,146 R   |
| 1876. Pres.... | 58,083  | 38,669 | ...    | ...    | ...    | 19,414 D  |
| 1880. Pres.... | 60,865  | 42,549 | 4,079  | ...    | ...    | *18,316 D |
| 1884. Pres.... | 72,927  | 50,895 | 1,847  | ...    | ...    | *22,032 D |
| 1886. Gov....  | 90,650  | 54,070 | ...    | ...    | 19,169 | *36,580 D |
| 1888. Gov....  | 99,229  | ...    | 84,223 | ...    | ...    | 15,006 D  |
| 1888. Pres.... | 85,962  | 58,752 | 10,613 | 641    | ...    | *37,210 D |
| 1890. Gov....  | 106,267 | ...    | 85,181 | ...    | ...    | 21,086 D  |
| 1892. Pres.... | 87,854  | 46,884 | 11,831 | 113    | ...    | *40,950 D |
| 1896. Gov....  | 91,114  | 35,836 | 13,990 | 851    | ...    | *55,278 D |
| 1894. Gov....  | 74,809  | 26,055 | 24,641 | 1,551  | ...    | *48,724 D |
| 1896. Pres.... | 110,103 | 37,512 | ...    | 839    | ...    | *72,591 D |
| 1900. Gov....  | 88,637  | 44,701 | 3,641  | ...    | ...    | *43,936 D |
| 1900. Pres.... | 81,142  | 44,800 | 972    | ...    | ...    | *36,342 D |
| 1902. Gov....  | 77,354  | 29,251 | 8,245  | 4,791  | ...    | 48,103 D  |

\* Plurality.

CALIFORNIA.

| COUNTIES.<br>(57.)    | GOVERNOR,<br>1902. |                | PRESIDENT,<br>1900. |                       |                       |                       |
|-----------------------|--------------------|----------------|---------------------|-----------------------|-----------------------|-----------------------|
|                       | Lanc.<br>Dem.      | Pardee<br>Rep. | Bryan,<br>Dem.      | Mc-<br>Kinley<br>Rep. | Wool-<br>ley,<br>Pro. | Debs,<br>Soc.<br>Dem. |
| Alameda.....          | 9,022              | 13,915         | 6,677               | 14,324                | 332                   | 838                   |
| Alpine.....           | 52                 | 87             | 15                  | 69                    | ..                    | ..                    |
| Amador.....           | 1,290              | 1,376          | 1,209               | 1,884                 | 20                    | 17                    |
| Butte.....            | 2,171              | 2,271          | 2,011               | 2,322                 | 36                    | 51                    |
| Calaveras....         | 1,456              | 1,726          | 1,288               | 1,600                 | 16                    | 27                    |
| Colusa.....           | 1,158              | 606            | 1,075               | 648                   | 11                    | 68                    |
| Contra Costa..        | 1,950              | 2,122          | 1,549               | 2,165                 | 39                    | 45                    |
| Del Norte.....        | 305                | 368            | 291                 | 334                   | 4                     | 4                     |
| El Dorado.....        | 1,320              | 1,160          | 1,406               | 1,193                 | 19                    | 25                    |
| Fresno.....           | 4,080              | 3,677          | 3,590               | 3,585                 | 169                   | 232                   |
| Glenn.....            | 880                | 540            | 737                 | 494                   | 11                    | 6                     |
| Humboldt.....         | 2,516              | 3,447          | 1,698               | 3,902                 | 103                   | 178                   |
| Inyo.....             | 427                | 435            | 505                 | 396                   | 14                    | 20                    |
| Kern.....             | 2,539              | 1,748          | 1,960               | 1,692                 | 26                    | 52                    |
| Kings.....            | 999                | 956            | 872                 | 1,032                 | 48                    | 40                    |
| Lake.....             | 747                | 636            | 746                 | 584                   | 51                    | 28                    |
| Lassen.....           | 434                | 540            | 326                 | 549                   | 5                     | 58                    |
| Los Angeles... 11,121 | 17,471             | 1,358          | 19,200              | 1,443                 | 945                   | 945                   |
| Madera.....           | 929                | 787            | 737                 | 764                   | 19                    | 18                    |
| Marin.....            | 1,168              | 1,646          | 904                 | 1,681                 | 8                     | 52                    |
| Mariposa.....         | 828                | 526            | 717                 | 505                   | 8                     | 7                     |
| Mendocino.....        | 2,340              | 2,129          | 1,861               | 2,192                 | 32                    | 36                    |
| Merced.....           | 1,179              | 742            | 1,061               | 811                   | 31                    | 26                    |
| Modoc.....            | 592                | 478            | 592                 | 446                   | 6                     | 12                    |
| Monterey.....         | 278                | 292            | 258                 | 284                   | 2                     | 1                     |
| Monterey.....         | 1,957              | 1,924          | 1,825               | 1,964                 | 77                    | 44                    |
| Napa.....             | 1,563              | 1,941          | 1,432               | 2,017                 | 53                    | 52                    |
| Nevada.....           | 1,901              | 3,000          | 1,758               | 2,449                 | 46                    | 128                   |
| Orange.....           | 1,536              | 2,338          | 1,777               | 2,156                 | 198                   | 77                    |
| Placer.....           | 1,722              | 1,800          | 1,592               | 2,009                 | 37                    | 39                    |
| Plumas.....           | 498                | 669            | 442                 | 640                   | 5                     | 6                     |
| Riverside.....        | 807                | 2,216          | 1,134               | 2,329                 | 190                   | 53                    |
| Sacramento... 5,154   | 4,661              | 4,325          | 5,806               | 83                    | 131                   |                       |
| San Benito...         | 945                | 680            | 766                 | 724                   | 19                    | 17                    |
| S. Bernardino.        | 1,931              | 3,103          | 2,347               | 3,135                 | 245                   | 235                   |
| San Diego.....        | 2,517              | 3,182          | 2,678               | 3,800                 | 157                   | 289                   |
| San Francisco. 33,743 | 24,106             | 25,212         | 35,208              | 262                   | 2,035                 |                       |
| San Joaquin...        | 3,488              | 2,413          | 2,873               | 3,318                 | 71                    | 82                    |
| S. Luis Obispo        | 1,972              | 1,628          | 1,713               | 1,564                 | 75                    | 59                    |
| San Mateo...          | 1,383              | 1,426          | 914                 | 1,645                 | 12                    | 38                    |
| Santa Barbara         | 1,722              | 2,150          | 1,599               | 1,988                 | 66                    | 123                   |
| Santa Clara...        | 5,745              | 6,078          | 4,607               | 7,107                 | 264                   | 210                   |
| Santa Cruz....        | 2,009              | 1,819          | 1,635               | 2,173                 | 115                   | 155                   |
| Shasta.....           | 2,291              | 1,741          | 1,948               | 1,693                 | 43                    | 87                    |
| Sierra.....           | 506                | 708            | 439                 | 702                   | 4                     | 11                    |
| Siskiyou.....         | 1,998              | 1,643          | 1,658               | 1,898                 | 17                    | 39                    |
| Solano.....           | 2,411              | 2,366          | 2,263               | 3,381                 | 63                    | 167                   |
| Sonoma.....           | 4,997              | 4,192          | 3,517               | 4,381                 | 67                    | 139                   |
| Stanislaus...         | 1,458              | 1,069          | 1,270               | 1,058                 | 48                    | 34                    |
| Sutter.....           | 704                | 815            | 642                 | 819                   | 16                    | 11                    |
| Tehama.....           | 1,255              | 1,138          | 1,138               | 1,210                 | 29                    | 25                    |
| Trinity.....          | 662                | 565            | 495                 | 544                   | 2                     | 8                     |
| Tulare.....           | 2,297              | 1,683          | 2,246               | 1,755                 | 72                    | 165                   |
| Tuolumne....          | 1,682              | 1,237          | 1,530               | 1,809                 | 30                    | 29                    |
| Ventura.....          | 1,405              | 1,844          | 1,333               | 1,708                 | 72                    | 75                    |
| Yolo.....             | 1,695              | 1,447          | 1,687               | 1,510                 | 54                    | 46                    |
| Yuba.....             | 1,047              | 1,129          | 971                 | 1,179                 | 9                     | 20                    |
| Total.....            | 143,782            | 145,392        | 124,985             | 164,755               | 5,024                 | 7,554                 |
| Plurality.....        | ..                 | 1,550          | ..                  | 39,770                | ..                    | ..                    |
| Per cent.....         | 47.38              | 47.89          | 42.34               | 54.49                 | 1.33                  | 2.49                  |
| Scattering....        | 14,358             | ..             | ..                  | 1,475                 | ..                    | ..                    |
| Whole vote...         | 303,472            | ..             | ..                  | 303,793               | ..                    | ..                    |

For Governor, in 1902, Brower, Soc., received 9,592 votes; Kanouse, Pro., 4,636; scattering, 130.

The vote for Governor in 1898 was: Maguire, Fus., 129,261; Gage, Rep., 148,354.

NOTE FOR REPRESENTATIVES IN CONGRESS, 1902.

Districts.

I. Counties of Del Norte, Humboldt, Lassen, Marin, Modoc, Plumas, Shasta, Sierra, Siskiyou, Tehama, Alpine, Calaveras, Mariposa, Nevada, El Dorado, Amador, Tuolumne, and Trinity. Thomas S. Ford, Dem., 19,696; J. N. Gillet, Rep., 21,268; W. O. Clark, Pro., 362; M. E. Shore, Soc., 810.



COLORADO—Continued.

II. Counties of Archuleta, Baca, Bent, Chaffee, Cheyenne, Clear Creek, Conejos, Costilla, Custer, Delta, Dolores, Douglas, Eagle, Elbert, El Paso, Fremont, Garfield, Gilpin, Grand, Gunnison, Hinsdale, Huerfano, Kiowa, Kit Carson, La Plata, Las Animas, Lincoln, Mesa, Montezuma, Mineral, Montrose, Otero, Ouray, Pitkin, Prowers, Pueblo, Rio Blanco, Rio Grande, Roittt, Saguache, San Juan, San Miguel, and Summit. John C. Bell, Fus., 45,234; H. M. Hogg, Rep., 47,546; J. R. Lister, Pop., 2,032; W. F. Farrar, Soc., 4,948.

PRESENT STATE GOVERNMENT.

Governor, Jos. H. Peabody, Rep.; Lieutenant-Governor, W. A. Haggott, Rep.; Secretary of State, James Cowie; Treasurer, Whitney Newton, Rep.; Auditor, John A. Holmberg, Rep.; Adjutant-General, G. F. Gardner; Attorney-General, N. C. Miller; Superintendent of Education, Helen L. Grenfel, Dem.

JUDICIARY.

Supreme Court: Chief Justice, John Campbell, Rep.; Justices, Robert W. Steele, Fns.; William H. Gabbert, Dem.; Clerk, H. G. Clark, Rep.

STATE LEGISLATURE, 1903.

|                  | Senate. House. Joint Ballot. |    |    |
|------------------|------------------------------|----|----|
| Democrats .....  | 24                           | 29 | 53 |
| Republicans..... | 11                           | 36 | 47 |

Democratic majority. . . . . 6

VOTE OF THE STATE SINCE ITS ADMISSION.

|                          | Dem.         | Rep.   | Gr.   | Pro.  | Maj.      |
|--------------------------|--------------|--------|-------|-------|-----------|
| 1876. Governor. 13,318   | 14,154       |        |       |       | 838 R     |
| 1880. President. 24,647  | 27,460       | 1,435  |       |       | *2,803 R  |
| 1884. President. 27,723  | 26,290       | 1,958  |       |       | *8,567 R  |
| 1888. President. 37,567  | 50,774       |        | 1,266 |       | *13,207 R |
|                          | Fusion. †    |        |       |       |           |
| 1892. President. 53,585  | 38,620       |        | 1,638 |       | *14,964 F |
|                          | Fusion. Pop. |        |       |       |           |
| 1896. President. 161,153 | 26,271       |        | 1,717 |       | 134,882 F |
| 1898. Governor. 93,972   | 51,051       |        |       |       | 42,921 F  |
| 1900. Governor. 121,955  | 95,245       |        | 3,786 |       | 28,750 F  |
| 1900. President. 122,733 | 95,073       |        | 3,790 |       | 29,661 F  |
|                          | Soc.         |        |       |       |           |
| 1902. ....               | 80,217       | 87,512 | 7,562 | 4,022 | 7,295     |

\* Plurality. † Fusion of Pops. and Silver Dems

CONNECTICUT.

| COUNTIES.<br>(3.) | GOVERNOR,<br>1902. |                          | PRESIDENT,<br>1900. |                       |                       |                       |
|-------------------|--------------------|--------------------------|---------------------|-----------------------|-----------------------|-----------------------|
|                   | Cary,<br>Dem.      | Cham-<br>berlin,<br>Rep. | Bryan,<br>Dem.      | Mc-<br>Kinley<br>Rep. | Wool-<br>ley,<br>Pro. | Debs,<br>Soc.<br>Dem. |
| Hartford.....     | 15,017             | 18,358                   | 14,488              | 22,427                | 421                   | 253                   |
| New Haven....     | 20,319             | 24,222                   | 25,349              | 27,771                | 277                   | 549                   |
| New London..      | 6,213              | 8,185                    | 6,823               | 9,582                 | 227                   | 29                    |
| Fairfield.....    | 15,551             | 16,992                   | 15,460              | 21,316                | 217                   | 118                   |
| Windham....       | 2,234              | 4,035                    | 2,560               | 4,949                 | 88                    |                       |
| Litchfield....    | 4,895              | 6,838                    | 4,552               | 8,255                 | 200                   | 3                     |
| Middlesex....     | 3,155              | 4,306                    | 3,097               | 5,002                 | 121                   |                       |
| Tolland.....      | 1,743              | 2,406                    | 1,678               | 2,995                 | 66                    | 77                    |
| Total .....       | 69,330             | 85,338                   | 73,997              | 102,567               | 1,617                 | 1,029                 |
| Plurality.....    | 16,008             |                          | 28,570              |                       |                       |                       |
| Per cent.....     | 43.87              | 53.47                    | 41.02               | 56.94                 | 0.89                  | 0.58                  |
| Scattering....    | 5,245              |                          | 908                 |                       |                       |                       |
| Whole vote....    | 159,913            |                          | 180,118             |                       |                       |                       |

For Governor, 1902, Stanley, Pro., received 1,436 votes; Wheeler, Soc., 2,804; Oatley, Soc. L., 777.

For President in 1900, Woolley, Pro., received 1,617 votes; Debs, Soc. D., 1,029; Malloney, Soc. L., 898.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1902.

Districts.

I. Counties of Hartford and Tolland. At Large, Homer A. Cummings, Dem., 70,590; G. L. Lilly, Rep., 83,865; F. G. Platt, Pro., 1,454; G. A. Sweetland, Soc., 2,690; R. J. Kirkpatrick, Soc. L., 751. Lilly's plurality, 13,076. Wm. F. O'Neil, Dem., 17,211; E. S. Henry, Rep., 20,288; E. E. Ajad, Pro., 392; R. W. Jamieson, Soc., 703; J. S. Powell, Soc. L., 143. Henry's plurality, 3,078.

CONNECTICUT—Continued.

II. Counties of Middlesex and New Haven. George N. Morse, Dem., 22,283; N. D. Sperry, Rep., 29,658; F. C. Bradley, Pro., 356; C. Mahoney, Soc., 1,422; J. Colbarrane, Soc. L., 480. Sperry's plurality, 7,375.

III. Counties of New London and Windham. James H. Potter, Dem., 8,364; Frank B. Bradegree, Rep., 12,547; C. M. Reed, Pro., 324; Henry Dorkin, Soc., 100; S. J. Coffee, Soc. L., 49. Bradegree's plurality, 4,183.

IV. Counties of Fairfield and Litchfield. Wm. D. Bishop, Jr., Dem., 19,888; E. J. Hill, Rep., 24,333; A. S. Beardsly, Pro., 326; Geo. W. Scott, Soc., 396; E. Sigwald, Soc. L., 90. Hill's plurality, 4,445.

PRESENT STATE GOVERNMENT.

Governor, Abiram Chamberlain; Lieutenant-Governor, Henry Roberts; Secretary of State, Charles G. R. Vinal; Treasurer, Henry H. Gallup; Comptroller, William E. Seelye; Attorney-General, William A. King—all Republicans.

JUDICIARY.

Supreme Court: Chief Justice, David Torrance, Rep.; Associate Justices, S. O. Prentice, Rep.; F. B. Hall, Rep.; Simeon E. Baldwin, Dem.; William Hamersley, Dem.; Clerk, George A. Conant.

STATE LEGISLATURE, 1903.

|                   | Senate. House. Joint Ballot. |     |     |
|-------------------|------------------------------|-----|-----|
| Republicans ..... | 18                           | 187 | 205 |
| Democrats .....   | 6                            | 68  | 74  |

Republican majority. 12 119 131

VOTE OF THE STATE SINCE 18

|                  | Dem.      | Rep.    | Gr.   | Lab.  | Pro | Plu.           |
|------------------|-----------|---------|-------|-------|-----|----------------|
| 1872. Pres....   | 45,866    | 50,626  |       |       |     | 4,760 R        |
| 1876. Pres....   | 61,934    | 59,084  | 774   |       |     | 2,850 D        |
| 1880. Pres....   | 64,415    | 67,071  | 868   |       |     | 2,656 R        |
| 1884. Pres....   | 67,167    | 65,893  | 1,694 |       |     | 2,284 D        |
| 1888. Pres....   | 74,920    | 74,584  | 240   |       |     | 336 D          |
|                  | Pop       |         |       |       |     |                |
| 1892. Pres....   | 82,395    | 77,030  | 806   | 4,026 |     | 5,365 D        |
|                  | Nat. Dem. |         |       |       |     |                |
| 1896. Pres....   | 56,740    | 110,285 | 4,334 |       |     | 1,808 53,545 R |
| 1898. Gov....    | 64,277    | 81,015  |       |       |     | 1,460 16,738 R |
|                  | Soc. D.   |         |       |       |     |                |
| 1900. Gov....    | 81,420    | 95,822  | 1,056 | 1,548 |     | 14,402 R       |
| 1900. President. | 73,997    | 102,567 | 1,029 | 1,617 |     | 28,570 R       |
|                  | Soc.      |         |       |       |     |                |
| 1902. Gov....    | 69,330    | 85,338  | 2,804 | 1,436 |     | 16,008 R       |

DELAWARE.

| COUNTIES.<br>(3.) | STATE TREASURER,<br>1902. |                 | PRESIDENT,<br>1900. |                       |                       |                       |
|-------------------|---------------------------|-----------------|---------------------|-----------------------|-----------------------|-----------------------|
|                   | Hos-<br>singer,<br>Dem.   | Barris,<br>Rep. | Bryan,<br>Dem.      | Mc-<br>Kinley<br>Rep. | Wool-<br>ley,<br>Pro. | Debs,<br>Soc.<br>Dem. |
| Kent .....        | 3,769                     | 4,153           | 3,856               | 3,929                 | 108                   | 4                     |
| New Castle ..     | 8,944                     | 11,166          | 10,640              | 13,642                | 297                   | 53                    |
| Sussex .....      | 3,949                     | 5,866           | 4,362               | 6,968                 | 133                   |                       |
| Total .....       | 16,652                    | 20,706          | 18,858              | 22,529                | 538                   | 57                    |
| Plurality.....    | 4,153                     |                 | 3,671               |                       |                       |                       |
| Per cent.....     | 43.64                     | 54.23           | 44.92               | 53.67                 | 0.13                  | 0.15                  |
| Scattering....    | 804                       |                 |                     |                       |                       |                       |
| Whole vote....    | 38,161                    |                 | 41,982              |                       |                       |                       |

For State Treasurer, 1902, Kelly, Pro., received 575 votes; Rodgers, Soc. L., 229.

The vote for Governor in 1900 was: Peter J. Ford, Dem., 18,808; John Hann, Rep., 22,421; R. M. Cooper, Pro., 574; G. E. Reinicke, Soc. Dem., 59. Hann's plurality, 3,613.

VOTE FOR REPRESENTATIVE IN CONGRESS, 1902.

The total vote for each candidate for Congress, 1902, was: Henry A. Houston, Dem., 16,396; Dr. L. H. Ball, Rep., 8,028; Wm. M. Byrne, U. Rep., 12,938; Todd, Pro., 563; Ward, Soc. L., 215. Houston's plurality, 8,368.

DELAWARE—Continued.

PRESENT STATE GOVERNMENT.

Governor, John Hunn, U. R.; Lieutenant-Governor, Phillip L. Cannon, U. R.; Treasurer, Martin B. Burris, Rep.; Auditor, J. B. Norman, Rep.; Attorney-General, Herbert H. Ward, U. R.; Commissioner of Insurance, Geo. W. Marshall, U. R.

JUDICIARY.

Supreme Court: Chancellor, John R. Nicholson, Dem.; Chief Justice, Chas. B. Lore, Dem.; Associate Justices, Ignatius C. Grubb, Dem.; W. C. Spruance, Rep.; James Pennewill, Rep.; William H. Boyce, Dem.; Clerk, William Virdin, Dem.

STATE LEGISLATURE, 1903.

Senate. House. Joint Ballot.

|                      |    |    |    |
|----------------------|----|----|----|
| Republicans.....     | 10 | 20 | 30 |
| Democrats.....       | 7  | 14 | 21 |
| Republican majority. | 3  | 6  | 9  |

VOTE OF THE STATE SINCE 1872.

|                      | Dem.   | Rep.   | N. D. | Pro. | Maj.           |
|----------------------|--------|--------|-------|------|----------------|
| 1872. President..... | 10,206 | 11,115 | ....  | .... | 909 R          |
| 1876. President..... | 13,381 | 10,740 | ....  | .... | 2,641 D        |
| 1880. President..... | 15,183 | 14,150 | ....  | .... | 1,033 D        |
| 1884. President..... | 16,976 | 13,053 | ....  | .... | 3,923 D        |
|                      |        |        |       |      | <i>Plu.</i>    |
| 1888. President..... | 16,414 | 12,973 | ....  | 400  | 3,441 D        |
| 1892. President..... | 18,581 | 18,083 | ....  | 565  | 498 D          |
| 1894. Governor.....  | 18,659 | 19,880 | ....  | 189  | 1,221 R        |
| 1896. President..... | 13,424 | 16,804 | 877   | 355  | 3,630 R        |
| 1898. Treasurer..... | 14,811 | 17,549 | ....  | 454  | 2,738 R        |
|                      |        |        |       |      | <i>Soc. D.</i> |
| 1900. Governor.....  | 18,808 | 22,421 | 59    | 584  | 3,613 R        |
| 1900. President..... | 18,858 | 22,529 | 57    | 538  | 3,671 R        |
| 1902. Treasurer..... | 16,602 | 20,705 | ....  | 575  | 4,103 R        |

FLORIDA.

| COUNTIES.<br>(45.) | SECRETARY OF STATE, 1902. |             | PRESIDENT, 1900. |                |                 |  |
|--------------------|---------------------------|-------------|------------------|----------------|-----------------|--|
|                    | Crawford, Dem.            | Bryan, Dem. | Mc-Kinley Rep.   | Wool-ley, Pro. | Debs, Soc. Dem. |  |
| Alachua.....       | 874                       | 1,346       | 334              | 17             | 9               |  |
| Baker.....         | 138                       | 198         | 112              | 16             | 3               |  |
| Bradford.....      | 323                       | 734         | 276              | 101            | 13              |  |
| Brevard.....       | 305                       | 513         | 121              | 44             | 2               |  |
| Calhoun.....       | 97                        | 196         | 54               | 30             | 3               |  |
| Citrus.....        | 223                       | 413         | 15               | 18             |                 |  |
| Clay.....          | 195                       | 308         | 91               | 8              | 7               |  |
| Columbia.....      | 305                       | 663         | 252              | 15             | 6               |  |
| Dade.....          | 392                       | 806         | 399              | 100            | 16              |  |
| De Soto.....       | 530                       | 526         | 128              | 27             | 103             |  |
| Duval.....         | 1,499                     | 1,857       | 773              | 24             | 31              |  |
| Escambia.....      | 707                       | 1,425       | 348              | 346            | 18              |  |
| Franklin.....      | 159                       | 239         | 148              | 25             | 3               |  |
| Gadsden.....       | 284                       | 684         | 39               |                |                 |  |
| Hamilton.....      | 229                       | 323         | 96               | 38             | 14              |  |
| Hernando.....      | 138                       | 252         | 20               | 10             | 1               |  |
| Hillsborough.....  | 1,177                     | 2,287       | 344              | 514            | 89              |  |
| Holmes.....        | 242                       | 329         | 64               | 46             | 4               |  |
| Jackson.....       | 527                       | 978         | 210              | 14             | 24              |  |
| Jefferson.....     | 297                       | 711         | 117              | 4              |                 |  |
| Lafayette.....     | 292                       | 326         | 24               | 13             |                 |  |
| Lake.....          | 371                       | 492         | 143              | 41             | 2               |  |
| Lee.....           | 127                       | 278         | 38               | 20             | 3               |  |
| Leon.....          | 423                       | 932         | 160              | 43             | 3               |  |
| Levy.....          | 288                       | 383         | 83               | 4              | 2               |  |
| Liberty.....       | 120                       | 127         | 8                | 6              |                 |  |
| Madison.....       | 247                       | 510         | 44               | 83             | 12              |  |
| Manatee.....       | 393                       | 535         | 63               | 42             | 9               |  |
| Marion.....        | 555                       | 1,132       | 264              | 32             | 19              |  |
| Monroe.....        | 428                       | 747         | 354              | 56             | 22              |  |
| Nassau.....        | 278                       | 411         | 149              | 11             | 5               |  |
| Orange.....        | 602                       | 857         | 402              | 52             | 18              |  |
| Osceola.....       | 144                       | 266         | 42               | 47             | 6               |  |
| Pasco.....         | 243                       | 492         | 95               | 43             |                 |  |
| Polk.....          | 569                       | 983         | 148              | 9              | 86              |  |
| Putnam.....        | 363                       | 648         | 250              | 56             | 17              |  |
| St. John's.....    | 235                       | 764         | 250              | 15             | 11              |  |
| Santa Rosa.....    | 273                       | 519         | 30               | 8              | 8               |  |
| Sumter.....        | 241                       | 343         | 53               | 8              | 2               |  |
| Suwanee.....       | 256                       | 677         | 153              | 76             | 5               |  |
| Taylor.....        | 125                       | 1,013       | 421              | 20             | 13              |  |
| Volusia.....       | 441                       | 755         | 255              | 60             | 13              |  |

FLORIDA—Continued.

| COUNTIES.       | SECRETARY OF STATE, 1902. |             | PRESIDENT, 1900. |                |                 |  |
|-----------------|---------------------------|-------------|------------------|----------------|-----------------|--|
|                 | Crawford, Dem.            | Bryan, Dem. | Mc-Kinley Rep.   | Wool-ley, Pro. | Debs, Soc. Dem. |  |
| Wakulla.....    | 131                       | 254         | 10               | 32             | ..              |  |
| Walton.....     | 289                       | 382         | 140              | 30             |                 |  |
| Washington..    | 373                       | 387         | 287              | 55             | 12              |  |
| Total.....      | 16,428                    | 28,007      | 7,314            | 1,039          | 601             |  |
| Plurality.....  | ..                        | 20,693      | ..               | ..             | ..              |  |
| Per cent.....   | ..                        | 73.64       | 19.23            | 2.70           | 1.60            |  |
| Scattering..... | ..                        | ..          | ..               | 1,070          | ..              |  |
| Whole vote..... | ..                        | ..          | ..               | 38,031         | ..              |  |

For State officers and Members of Congress 1902 there was no opposition to the Democratic ticket. For President, 1900, Barker, Pop., had 1,070 votes. The vote for Governor in 1900 was: Jennings, Dem., 29,251; McFarlane, Rep., 6,238; Morton, Pop., 631.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1902. Districts.

1. Taylor, La Fayette, Levy, Marion, Citrus, Sumter, Hernando, Pasco, Hillsborough, Polk, Manatee, De Soto, Lee, Monroe, Lake, S. M. Sparkman, 5,597.
- II. Hamilton, Suwanee, Columbia, Baker, Bradford, Nassau, Duval, Clay, Putnam, St. John, Volusia, Osceola, Orange, Brevard, Dade, Alachua, Robert W. Davis, 6,494.
- III. Escambia, Santa Rosa, Walton, Holmes, Washington, Jackson, Calhoun, Franklin, Liberty, Gadsden, Leon, Wakulla, Jefferson, Madison. Wm. B. Lamar, 4,248.

PRESENT STATE GOVERNMENT.

Governor, William S. Jennings; Secretary of State, H. C. Crawford; Treasurer, James B. Whitfield; Comptroller, S. C. Croon; Attorney-General, W. B. Lamar; Adjutant-General, J. C. R. Foster; Superintendent of Public Instruction, W. N. Sheats; Commissioner of Agriculture, B. E. McClin—all Democrats.

JUDICIARY.

Supreme Court: Chief Justice, R. F. Taylor; Associate Justices, W. A. Hocker, F. B. Carter, E. C. Maxwell, T. M. Shackelford, and R. S. Cockrell; Clerk, B. B. Wilson—all Democrats.

STATE LEGISLATURE, 1903.

The Legislature is: Senate, Dems. 32; House, Dems. 67, Rep. 1.

VOTE OF THE STATE SINCE 1872.

|                       | Dem.   | Rep.   | N. D. | Pro.  | Maj.             |
|-----------------------|--------|--------|-------|-------|------------------|
| 1872. President.....  | 16,428 | 17,765 | ....  | ....  | 2,337 R          |
| 1876. President.....  | 24,440 | 24,350 | ....  | ....  | 90 D             |
| 1880. President.....  | 27,354 | 23,654 | ....  | ....  | 4,310 D          |
| 1884. President.....  | 31,763 | 28,031 | ....  | ....  | 3,738 D          |
| 1888. President.....  | 39,561 | 26,657 | ....  | 423   | *12,604 D        |
|                       |        |        |       |       | <i>Plu.</i>      |
| 1892. President.....  | 30,143 | 4,843  | ....  | 475   | 25,300 D         |
| 1896. President.....  | 32,736 | 11,288 | 654   | 1,778 | 21,444 D         |
|                       |        |        |       |       | <i>Dem. Pop.</i> |
| 1900. Governor.....   | 29,251 | 6,238  | 631   | ....  | 23,013 D         |
| 1900. President.....  | 28,007 | 7,314  | 1,070 | 1,039 | 20,638 D         |
| 1902. Sec. State..... | 16,428 | ..     | ..    | ..    | 16,428 D         |

\*Plurality.

GEORGIA.

| COUNTIES.<br>(137.) | GOVERNOR, 1902. |            | PRESIDENT, 1900. |                |                |                    |
|---------------------|-----------------|------------|------------------|----------------|----------------|--------------------|
|                     | Terrell Dem.    | Hines Pop. | Bryan, Dem.      | Mc-Kinley Rep. | Wool-ley, Pro. | Barker, M. R. Pop. |
| Appling.....        | 642             | ..         | 477              | 446            | 20             | 4                  |
| Baker.....          | 198             | ..         | 478              | 500            | 76             | 4                  |
| Baldwin.....        | 380             | 16         | 500              | 76             | ..             | 85                 |
| Banks.....          | 979             | 202        | 402              | 269            | 15             | 110                |
| Barrow.....         | 823             | 63         | 891              | 823            | 28             | 33                 |
| Bertie.....         | 440             | 2          | 509              | 101            | 11             | 10                 |
| Bibb.....           | 1,090           | ..         | 1,897            | 250            | 33             | 9                  |
| Brooks.....         | 479             | 9          | 429              | 103            | 3              | 19                 |
| Bryan.....          | 723             | ..         | 246              | 165            | ..             | 1                  |
| Bulloch.....        | 354             | ..         | 767              | 178            | 16             | 10                 |
| Burke.....          | 264             | ..         | 620              | 167            | 3              | ..                 |

GEORGIA—Continued.

GEORGIA—Continued.

| COUNTIES.       | GOV., 1902.  |             | PRESIDENT, 1900. |               |                |                 |  |
|-----------------|--------------|-------------|------------------|---------------|----------------|-----------------|--|
|                 | Terrill Dem. | Hines, Pop. | Bryan, Dem.      | McKinley Rep. | Wool-ley, Pro. | Bar-ker, M.R.P. |  |
| Butts.....      | 377          | ..          | 583              | 104           | 10             | 20              |  |
| Calhoun.....    | 168          | ..          | 299              | 97            | 4              | 13              |  |
| Camden.....     | 401          | 88          | 350              | 210           | 16             | 64              |  |
| Campbell.....   | 397          | 21          | 350              | 333           | ..             | ..              |  |
| Carroll.....    | 1,956        | ..          | 1,970            | 697           | ..             | ..              |  |
| Catoosa.....    | 771          | 37          | 389              | 144           | 15             | 8               |  |
| Charlton.....   | 254          | ..          | 168              | 84            | 1              | 4               |  |
| Chatham.....    | 1,894        | ..          | 3,352            | 915           | 1              | 4               |  |
| Chattahoochee   | 310          | ..          | 114              | 117           | 1              | 1               |  |
| Chattooga.....  | 1,739        | ..          | 601              | 440           | 19             | 16              |  |
| Cherokee.....   | 1,228        | 67          | 585              | 550           | 16             | 42              |  |
| Clarke.....     | 188          | 9           | 672              | 199           | 4              | 34              |  |
| Clay.....       | 1,068        | 2           | 371              | 81            | 3              | 26              |  |
| Clayton.....    | 286          | ..          | 346              | 179           | 7              | 7               |  |
| Clinch.....     | 262          | ..          | 290              | 203           | 3              | 3               |  |
| Cobb.....       | 744          | 11          | 1,156            | 311           | 39             | 70              |  |
| Coffee.....     | 1,141        | 119         | 402              | 614           | ..             | ..              |  |
| Columbia.....   | 198          | ..          | 215              | 42            | 7              | 4               |  |
| Colquitt.....   | 189          | ..          | 310              | 217           | 9              | 2               |  |
| Coweta.....     | 571          | ..          | 1,063            | 282           | 1              | 6               |  |
| Crawford.....   | 185          | ..          | 344              | 30            | 7              | 17              |  |
| Dade.....       | 492          | 27          | 235              | 73            | 9              | 21              |  |
| Dawson.....     | 659          | ..          | 224              | 194           | 4              | 1               |  |
| Decatur.....    | 807          | ..          | 1,007            | 260           | 6              | 102             |  |
| De Kalb.....    | 893          | 1           | 756              | 216           | 27             | 46              |  |
| Dodge.....      | 233          | ..          | 541              | 211           | 3              | 3               |  |
| Dooly.....      | 386          | ..          | 720              | 3             | 104            | 22              |  |
| Dougherty.....  | 279          | ..          | 360              | 29            | 3              | ..              |  |
| Douglas.....    | 1,498        | ..          | 345              | 300           | 16             | 77              |  |
| Early.....      | 343          | 50          | 355              | 42            | 3              | 41              |  |
| Echols.....     | 323          | ..          | 130              | 38            | ..             | ..              |  |
| Effingham.....  | 118          | 1           | 387              | 65            | 2              | 8               |  |
| Elbert.....     | 644          | ..          | 782              | 7             | 14             | 33              |  |
| Emmanuel.....   | 350          | ..          | 513              | 444           | 11             | 111             |  |
| Fayette.....    | 833          | ..          | 533              | 367           | 7              | ..              |  |
| Floyd.....      | 211          | ..          | 471              | 141           | 7              | 17              |  |
| Forsyth.....    | 963          | 547         | 1,450            | 628           | 16             | 31              |  |
| Franklin.....   | 1,346        | 1,135       | 318              | 270           | 9              | 38              |  |
| Fulton.....     | 4,131        | 1           | 520              | 176           | 19             | 297             |  |
| Gilmer.....     | 1,127        | ..          | 5,075            | 1,676         | 67             | 8               |  |
| Glascock.....   | 246          | ..          | 502              | 493           | ..             | ..              |  |
| Glynn.....      | 367          | 2           | 157              | 82            | 14             | 10              |  |
| Gordon.....     | 488          | 21          | 674              | 254           | 4              | 6               |  |
| Greene.....     | 353          | ..          | 697              | 504           | 14             | 48              |  |
| Gwinnett.....   | 774          | 5           | 433              | 303           | 12             | 7               |  |
| Habersham.....  | 416          | ..          | 1,052            | 373           | 33             | 300             |  |
| Hall.....       | 502          | ..          | 589              | 218           | 40             | 22              |  |
| Hancock.....    | 263          | ..          | 526              | 262           | 33             | 31              |  |
| Haralson.....   | ..           | 750         | 458              | 666           | 16             | 61              |  |
| Harris.....     | 462          | 36          | 636              | 422           | 15             | 47              |  |
| Hart.....       | 1,214        | ..          | 639              | 185           | 18             | 29              |  |
| Heard.....      | 195          | 1           | 548              | 32            | 4              | 2               |  |
| Henry.....      | 361          | ..          | 639              | 378           | 1              | 51              |  |
| Houston.....    | 426          | ..          | 798              | 81            | 6              | 4               |  |
| Irwin.....      | 502          | ..          | 700              | 583           | 17             | 32              |  |
| Jackson.....    | 1,127        | 23          | 836              | 477           | 14             | 30              |  |
| Jasper.....     | 393          | ..          | 630              | 32            | 5              | 6               |  |
| Jefferson.....  | 240          | 1           | 394              | 128           | 14             | 9               |  |
| Johnson.....    | 470          | 4           | 276              | 321           | 16             | 50              |  |
| Jones.....      | 182          | ..          | 408              | 166           | 3              | 9               |  |
| Laurens.....    | 1,049        | 419         | 942              | 395           | 14             | 152             |  |
| Lee.....        | 294          | ..          | 269              | 149           | 3              | 2               |  |
| Liberty.....    | 969          | ..          | 248              | 304           | 4              | 37              |  |
| Lincoln.....    | 118          | ..          | 173              | 4             | 9              | 23              |  |
| Lowndes.....    | 354          | ..          | 444              | 277           | 13             | 5               |  |
| Lumpkin.....    | 662          | ..          | 416              | 308           | 3              | ..              |  |
| Macon.....      | 252          | ..          | 464              | 182           | 14             | 24              |  |
| Madison.....    | 310          | ..          | 754              | 66            | 5              | 9               |  |
| Marion.....     | 222          | 37          | 280              | 116           | 2              | 31              |  |
| McDuffie.....   | 119          | ..          | 178              | 289           | ..             | ..              |  |
| McIntosh.....   | 242          | ..          | 259              | 211           | 12             | 18              |  |
| Meriwether..... | 691          | ..          | 734              | 234           | 17             | 31              |  |
| Miller.....     | 370          | ..          | 183              | 19            | 3              | 29              |  |
| Milton.....     | 269          | 19          | 308              | 116           | 8              | 55              |  |
| Mitchell.....   | 306          | ..          | 465              | 274           | 6              | ..              |  |
| Monroe.....     | 395          | 10          | 810              | 92            | ..             | 8               |  |
| Montgomery..... | 230          | ..          | 608              | 232           | 5              | ..              |  |
| Morgan.....     | 288          | ..          | 484              | 222           | 6              | 15              |  |
| Murray.....     | 621          | 129         | 361              | 360           | 5              | 73              |  |
| Muscogee.....   | 476          | ..          | 1,245            | 272           | 3              | ..              |  |
| Newton.....     | 511          | 5           | 790              | 294           | 5              | 18              |  |

| COUNTIES.       | GOV., 1902.  |             | PRESIDENT, 1900. |               |                |                 |  |
|-----------------|--------------|-------------|------------------|---------------|----------------|-----------------|--|
|                 | Terrill Dem. | Hines, Pop. | Bryan, Dem.      | McKinley Rep. | Wool-ley, Pro. | Bar-ker, M.R.P. |  |
| Oconee.....     | 428          | ..          | 251              | 148           | 13             | 93              |  |
| Oglethorpe..... | 261          | ..          | 625              | 20            | 7              | 9               |  |
| Paulding.....   | 785          | 597         | 496              | 609           | 4              | 215             |  |
| Pickens.....    | 464          | 7           | 235              | 559           | 4              | 6               |  |
| Pierce.....     | 264          | ..          | 267              | 290           | 4              | 10              |  |
| Pike.....       | 513          | 11          | 759              | 168           | 14             | 20              |  |
| Polk.....       | 1,792        | 26          | 490              | 1,019         | 17             | 21              |  |
| Pulaski.....    | 364          | 3           | 631              | 26            | 6              | 8               |  |
| Putnam.....     | 179          | ..          | 331              | 8             | 6              | ..              |  |
| Quitman.....    | 98           | ..          | 173              | 84            | 1              | 2               |  |
| Rabun.....      | 798          | 3           | 244              | 70            | 1              | ..              |  |
| Randolph.....   | 302          | ..          | 602              | 108           | ..             | 19              |  |
| Richmond.....   | 891          | 1           | 2,045            | 215           | 13             | 29              |  |
| Rockdale.....   | 315          | 52          | 393              | 184           | 2              | 52              |  |
| Schley.....     | 180          | 5           | 221              | 163           | 2              | 44              |  |
| Screven.....    | 229          | ..          | 488              | 376           | 10             | 133             |  |
| Spalding.....   | 1,045        | ..          | 782              | 82            | 3              | ..              |  |
| Stewart.....    | 1,189        | ..          | 471              | 170           | 4              | 7               |  |
| Sumter.....     | 434          | ..          | 780              | 216           | 2              | 8               |  |
| Talbot.....     | 284          | ..          | 405              | 107           | 1              | 11              |  |
| Taliaferro..... | 448          | ..          | 216              | 100           | 15             | 60              |  |
| Tattnall.....   | 1,267        | 92          | 738              | 611           | 20             | 106             |  |
| Taylor.....     | 220          | ..          | 298              | 79            | 8              | 4               |  |
| Telfair.....    | 394          | ..          | 565              | 122           | 14             | ..              |  |
| Terrell.....    | 245          | ..          | 679              | 213           | 9              | 25              |  |
| Thomas.....     | 646          | 11          | 1,146            | 432           | 18             | 19              |  |
| Towns.....      | 341          | ..          | 235              | 326           | 4              | 4               |  |
| Troup.....      | 656          | 13          | 837              | 60            | 4              | 29              |  |
| Twiggs.....     | 1,521        | ..          | 321              | 56            | 2              | ..              |  |
| Union.....      | 604          | 209         | 417              | 397           | 4              | 5               |  |
| Upson.....      | 744          | 189         | 468              | 133           | 8              | 173             |  |
| Walker.....     | 739          | 69          | 752              | 566           | 11             | 43              |  |
| Walton.....     | 1,697        | 13          | 836              | 385           | 14             | 103             |  |
| Ware.....       | 336          | ..          | 601              | 107           | ..             | ..              |  |
| Warren.....     | 471          | ..          | 217              | 350           | 11             | 13              |  |
| Washington..... | 543          | ..          | 720              | 282           | 9              | 82              |  |
| Wayne.....      | 704          | 2           | 363              | 213           | 9              | 20              |  |
| Webster.....    | 276          | ..          | 204              | 66            | ..             | ..              |  |
| White.....      | 855          | ..          | 191              | 103           | 18             | 1               |  |
| Whitfield.....  | 1,176        | 346         | 587              | 412           | 18             | 106             |  |
| Wilcox.....     | 1,443        | ..          | 407              | 228           | 2              | 2               |  |
| Wilkes.....     | 305          | ..          | 581              | 4             | 5              | 57              |  |
| Wilkinson.....  | 260          | ..          | 423              | 184           | 5              | 10              |  |
| Worth.....      | 457          | 22          | 599              | 430           | 22             | 20              |  |
| Total.....      | 81,548       | 5,566       | 81,700           | 35,065        | 1,396          | 4,584           |  |
| Plurality.....  | 75,982       | ..          | 46,665           | ..            | ..             | ..              |  |
| Per cent.....   | 93.61        | 6.39        | 66.57            | 26.55         | 1.13           | 3.73            |  |
| Scattering..... | ..           | ..          | ..               | ..            | ..             | ..              |  |
| Whole vote..... | 87,114       | ..          | 122,715          | ..            | ..             | ..              |  |

The vote for President in 1896 was: Bryan, Dem., 94,232; McKinley, Rep., 60,091; Palmer, N.D., 2,708; Levering, Pro., 5,613. The Bryan and Watson ticket had 417 votes cast for it in the back districts after it had been withdrawn.

VOTE FOR STATE OFFICERS, 1900.

For Governor, Allan C. Candler, Dem., 90,445; Geo. W. Traylor, Pop., 23,235. Candler's majority, 67,210. Secretary of State, Philip Cook, Dem., 93,255; F. L. Clement, Pop., 24,770. Cook's majority, 68,485. Vote for other State officers about the same.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1902.

- Districts.
- I. Counties of Bryan, Bullock, Burke, Chatham, Effingham, Emmanuel, Liberty, McIntosh, Screven, and Tattnall. Rufus E. Lester, Dem., 4,349. No opposition.
  - II. Counties of Baker, Berrien, Calhoun, Clay, Colquitt, Decatur, Dougherty, Early, Miller, Mitchell, Quitman, Randolph, Terrell, Thomas, and Worth. James M. Griggs, Dem., 3,797. No opposition.
  - III. Counties of Crawford, Dooly, Houston, Lee, Macon, Pulaski, Schley, Stewart, Sumter, Taylor, Twiggs, Webster, and Wilcox. Elijah Lewis, Dem., 2,967. No opposition.

GEORGIA—Continued.

- IV. Counties of Carroll, Chattahoochee, Coweta, Harris, Heard, Marion, Meriwether, Muscogee, Talbot, and Troup. W. C. Adamson, Dem., 2,883. No opposition.
- V. Counties of Campbell, Clayton, De Kalb, Douglas, Fulton, Newton, Rockdale, and Walton. Leonidas F. Livingston, Dem., 2,485. No opposition.
- VI. Counties of Baldwin, Bibb, Butts, Fayette, Henry, Jones, Monroe, Pike, Spalding, and Upson. Chester L. Bartlett, Dem., 4,522. No opposition.
- VII. Counties of Bartow, Catoosa, Chattooga, Cobb, Dade, Floyd, Gordon, Haralson, Murray, Paulding, Polk, Walker, and Whitfield. John W. Maddox, Dem., 5,305; S. J. McKnight, Pop., 383. Maddox's majority, 4,916.
- VIII. Counties of Clark, Elbert, Franklin, Greene, Hart, Jasper, Madison, Morgan, Oconee, Oglethorpe, Putnam, and Wilkes. W. M. Howard, Dem., 3,139. No opposition.
- IX. Counties of Banks, Cherokee, Dawson, Fannin, Forsyth, Gilmer, Gwinnett, Habersham, Hall, Jackson, Lumpkin, Milton, Pickens, Rabun, Towns, Union, and White. F. Carter Tate, Dem., 4,749; J. D. Dobbs, Pop., 20. Tate's majority, 4,729.
- X. Counties of Columbia, Glascock, Hancock, Jefferson, Lincoln, McDuffie, Richmond, Taliaferro, Warren, Washington, and Wilkinson. Thomas W. Hardwick, Dem., 2,675. No opposition.
- XI. Counties of Appling, Brooks, Camden, Charlton, Clinch, Coffee, Dodge, Echols, Glynn, Irwin, Johnson, Laurens, Lowndes, Montgomery, Pierce, Telfair, Wayne, and Ware. W. G. Brantley, Dem., 3,606. No opposition.

PRESENT STATE GOVERNMENT.

Governor, Joseph M. Terrell; Secretary of State and ex-officio Com. of Public Lands, Philip Cook; Treasurer, R. E. Park; Comptroller and ex-officio Com. of Insurance, W. A. Wright; Adjutant-General, James W. Robertson; Attorney-General, John Hart; Superintendent of Education, W. B. Merritt; Commissioner of Agriculture, O. B. Stevens—all Democrats.

JUDICIARY.

Supreme Court: Chief Justice, Thomas J. Simmons; Associate Justices, Samuel Lumpkin, Spencer R. Atkinson, Andrew J. Cobb, Wm. A. Little, and Wm. H. Fish; Clerk, John S. Chandler—all Democrats.

STATE LEGISLATURE, 1903.

|                        | Senate. | House. | Joint Ballot. |
|------------------------|---------|--------|---------------|
| Democrats.....         | 40      | 171    | 211           |
| Republicans.....       | 2       | 3      | 5             |
| Populists.....         | 2       | 1      | 3             |
| Democratic majority 36 | 167     | 203    |               |

VOTE OF THE STATE SINCE 1872.

|                      | Dem.    | Rep.   | Pop.   | Pro.  | Plu.  | Maj.      |
|----------------------|---------|--------|--------|-------|-------|-----------|
| 1872. President..... | 76,278  | 62,715 | ....   | ....  | ....  | 13,563 D  |
| 1876. President..... | 130,088 | 50,446 | ....   | ....  | ....  | 79,642 D  |
| 1880. President..... | 102,470 | 54,086 | ....   | ....  | ....  | 48,384 D  |
| 1884. President..... | 94,567  | 47,603 | 168    | ....  | ....  | 46,964 D  |
| 1886. Governor.....  | 101,159 | ....   | ....   | ....  | ....  | 101,159 D |
| 1888. President..... | 100,499 | 40,496 | 1,808  | ....  | ....  | 60,203 D  |
| 1890. Governor.....  | 105,365 | ....   | ....   | ....  | ....  | 105,365 D |
| 1892. President..... | 123,361 | 43,305 | 42,937 | 983   | ....  | 81,056 D  |
| 1894. Governor.....  | 121,349 | 96,882 | ....   | ....  | ....  | 24,161 D  |
| 1896. Gov'nor.....   | 120,237 | ....   | 86,822 | ....  | ....  | 34,985 D  |
| 1896. Presid't.....  | 94,232  | 60,021 | 2,708  | ....  | ....  | 5,613 R D |
| 1896. Gov'nor.....   | 118,557 | 51,580 | ....   | ....  | ....  | 66,977 D  |
| 1900. Gov'nor.....   | 90,445  | ....   | 23,235 | ....  | ....  | 67,213 D  |
| 1900. Presid't.....  | 81,709  | 35,035 | ....   | 4,584 | 1,396 | 46,693 D  |
| 1902. Gov'nor.....   | 81,548  | ....   | 5,596  | ....  | ....  | 75,952 D  |

\* Majority.

IDAHO.

| COUNTIES.<br>(21.) | GOVERNOR,<br>1902. |                         | PRESIDENT,<br>1900. |                             |                       |                      |      |
|--------------------|--------------------|-------------------------|---------------------|-----------------------------|-----------------------|----------------------|------|
|                    | Hunt,<br>Dem.      | Morris-<br>son,<br>Rep. | Bryan,<br>Dem.      | Mc-<br>Kin-<br>ley,<br>Rep. | Wool-<br>ley,<br>Pro. | Bark-<br>er,<br>Pop. |      |
| Ada.....           | 2,105              | 3,105                   | 2,072               | 2,689                       | 133                   | 10                   | 8    |
| Bannock.....       | 1,626              | 2,041                   | 1,561               | 1,672                       | 12                    | 4                    | 8    |
| Bear Lake.....     | 1,084              | 1,199                   | 1,074               | 1,052                       | 14                    | 4                    | 4    |
| Bingham.....       | 1,484              | 2,005                   | 1,683               | 1,457                       | 25                    | 6                    | 6    |
| Blaine.....        | 994                | 924                     | 1,345               | 633                         | 6                     | 4                    | 4    |
| Boise.....         | 781                | 727                     | 852                 | 686                         | 10                    | 4                    | 4    |
| Canyon.....        | 1,174              | 1,848                   | 1,314               | 1,342                       | 156                   | 11                   | 11   |
| Cassia.....        | 557                | 762                     | 624                 | 672                         | 5                     | 9                    | 9    |
| Custer.....        | 614                | 401                     | 590                 | 261                         | 4                     | 1                    | 1    |
| Elmore.....        | 536                | 368                     | 565                 | 391                         | ....                  | ....                 | .... |
| Fremont.....       | 1,765              | 2,623                   | 2,153               | 2,155                       | 12                    | 21                   | 21   |
| Idaho.....         | 1,868              | 1,654                   | 1,894               | 1,490                       | 29                    | 16                   | 16   |
| Kootenai.....      | 1,704              | 1,891                   | 1,871               | 1,451                       | 40                    | 8                    | 8    |
| Latah.....         | 1,864              | 2,168                   | 2,004               | 1,993                       | 168                   | 33                   | 33   |
| Lemhi.....         | 725                | 949                     | 897                 | 529                         | 9                     | 3                    | 3    |
| Lincoln.....       | 351                | 459                     | 355                 | 372                         | 7                     | 1                    | 1    |
| Nez Perce.....     | 1,758              | 2,485                   | 2,168               | 2,152                       | 169                   | 24                   | 24   |
| Oneyda.....        | 1,236              | 1,856                   | 1,222               | 1,879                       | ....                  | ....                 | .... |
| Owyhee.....        | 788                | 889                     | 854                 | 581                         | 7                     | 1                    | 1    |
| Shoshone.....      | 2,260              | 2,702                   | 2,994               | 2,360                       | 20                    | 6                    | 6    |
| Washington.....    | 1,224              | 1,346                   | 1,349               | 1,180                       | 31                    | 43                   | 43   |
| Total.....         | 26,021             | 31,874                  | 29,414              | 26,997                      | 857                   | 215                  | 215  |
| Plurality.....     | ....               | 5,853                   | 2,216               | ....                        | ....                  | ....                 | .... |
| Per cent.....      | 43.49              | 53.26                   | 50.79               | 46.96                       | 1.48                  | 0.37                 | 0.37 |
| Scattering.....    | 1,928              | ....                    | ....                | 232                         | ....                  | ....                 | .... |
| Whole vote.....    | 59,823             | ....                    | ....                | 57,713                      | ....                  | ....                 | .... |

For Governor in 1902 (Gipson, Pro., received 493 votes; Andrews, Pop., 119, Slattery, Soc., 1,320.

The vote for Governor in 1900 was: Hunt, Dem., 23,628; Stewart, Rep., 26,468; Boone, Pop., 1,031; Randolph, Pop., 246. Hunt's plurality, 2,160.

VOTE FOR REPRESENTATIVE IN CONGRESS, 1902.

Joseph H. Hutchinson, Dem., 24,873; Burton L. French, 32,384; J. A. Davis, Soc., 1,737; D. H. Andrews, Pop., 188; H. A. Lee, Pro., 636. Hutchinson's plurality, 7,506.

PRESIDENT STATE GOVERNMENT.

Governor, John T. Morrison; Lieutenant-Governor, James M. Stevens; Secretary of State, Wilmot H. Gibson; Treasurer, Henry N. Coffin; Auditor, Theo. Turner; Attorney-General, John A. Bagley; Superintendent of Education, May L. Scott; Commissioner of Agriculture and Inspector of Mines, Robert Bell.

JUDICIARY.

Supreme Court: Chief Justice, Ralph P. Quarles, Dem.; Associate Justices, Isaac N. Sullivan, Rep.; Charles O. Stockbridge, Dem.; Clerk, Sol. Hasbrook, Rep.

STATE LEGISLATURE, 1903.

|                        | Senate. | House. | Joint Ballot. |
|------------------------|---------|--------|---------------|
| Dem.-Fus.....          | 6       | 11     | 17            |
| Republicans.....       | 15      | 35     | 50            |
| Republican majority. 9 | 24      | 33     |               |

VOTE OF THE TERRITORY AND STATE SINCE 1890.

|                      | Dem.   | Rep.   | Pro.  | Plu.   | Maj.          |
|----------------------|--------|--------|-------|--------|---------------|
| 1890. Congress.....  | 3,604  | 2,090  | ....  | ....   | 1,514 D       |
| 1884. Congress.....  | 1,547  | 741    | ....  | ....   | 786 D         |
| 1888. Congress.....  | 6,404  | 9,609  | ....  | ....   | 3,203 R       |
| 1890. Governor.....  | 7,943  | 10,262 | ....  | ....   | 2,314 R       |
| 1892. President..... | ....   | 8,599  | 288   | 10,520 | 1,921 P       |
| 1892. Governor.....  | 6,769  | 8,178  | 264   | 4,865  | 1,409 R       |
| 1894. Governor.....  | 7,057  | 10,208 | ....  | ....   | 7,121 3,087 R |
| 1896. President..... | 23,192 | 6,324  | 179   | ....   | 16,868 D      |
| 1898. Governor.....  | 19,457 | 13,794 | 1,175 | ....   | 5,613 F       |
| 1900. Governor.....  | 26,628 | 26,466 | 1,031 | ....   | 2,227 F       |
| 1900. President..... | 29,414 | 26,997 | 857   | 213    | 2,216 D       |
| 1902. Governor.....  | 26,021 | 31,874 | 636   | 1,737  | 5,833 R       |



ILLINOIS.

| COUNTIES.<br>(102.) | TREASURER,<br>1902.      |                | PRESIDENT,<br>1900. |                       |                       |       |  | Debs.<br>Sec.<br>Dem. |
|---------------------|--------------------------|----------------|---------------------|-----------------------|-----------------------|-------|--|-----------------------|
|                     | Dudd-<br>leston,<br>Dem. | Busse,<br>Rep. | Bryan,<br>Dem.      | Mc-<br>Kinley<br>Rep. | Wool-<br>ley,<br>Pro. |       |  |                       |
| Adams.....          | 5,590                    | 5,304          | 8,844               | 8,047                 | 183                   | 68    |  |                       |
| Alexander.....      | 1,360                    | 2,347          | 1,760               | 2,790                 | 27                    | 3     |  |                       |
| Bond.....           | 1,313                    | 1,817          | 1,629               | 2,101                 | 153                   | 13    |  |                       |
| Boone.....          | 193                      | 1,554          | 764                 | 3,159                 | 87                    | 16    |  |                       |
| Brown.....          | 1,304                    | 706            | 1,968               | 988                   | 33                    | 3     |  |                       |
| Bureau.....         | 1,957                    | 3,750          | 3,523               | 4,758                 | 325                   | 235   |  |                       |
| Calhoun.....        | 842                      | 799            | 1,175               | 873                   | 23                    | 2     |  |                       |
| Carroll.....        | 436                      | 1,829          | 1,266               | 3,425                 | 86                    | 2     |  |                       |
| Cass.....           | 2,083                    | 1,443          | 2,626               | 1,746                 | 57                    | 1     |  |                       |
| Champaign.....      | 3,220                    | 4,981          | 5,018               | 6,660                 | 377                   | 21    |  |                       |
| Christian.....      | 3,291                    | 2,960          | 4,519               | 3,886                 | 153                   | 53    |  |                       |
| Clark.....          | 2,541                    | 2,660          | 3,009               | 2,259                 | 149                   | 8     |  |                       |
| Clay.....           | 1,934                    | 2,137          | 2,295               | 2,356                 | 81                    | 3     |  |                       |
| Clinton.....        | 2,078                    | 1,405          | 2,637               | 1,964                 | 110                   | 14    |  |                       |
| Coles.....          | 3,600                    | 3,692          | 3,927               | 4,706                 | 110                   | 18    |  |                       |
| Cook.....           | 127,162                  | 149,942        | 186,193             | 203,760               | 3,490                 | 6,752 |  |                       |
| Crawford.....       | 1,971                    | 2,136          | 2,299               | 2,301                 | 69                    | 1     |  |                       |
| Cumberland.....     | 1,770                    | 1,623          | 1,983               | 1,870                 | 53                    | 2     |  |                       |
| De Kalb.....        | 559                      | 3,468          | 1,881               | 5,223                 | 206                   | 14    |  |                       |
| De Witt.....        | 2,393                    | 2,451          | 2,261               | 2,694                 | 96                    | 8     |  |                       |
| Douglas.....        | 1,743                    | 3,172          | 2,106               | 2,733                 | 71                    | 8     |  |                       |
| Du Page.....        | 1,402                    | 2,772          | 1,947               | 3,869                 | 208                   | 12    |  |                       |
| Edgar.....          | 3,793                    | 3,326          | 3,783               | 3,766                 | 119                   | 12    |  |                       |
| Edwardsville.....   | 584                      | 1,412          | 823                 | 1,577                 | 52                    | 3     |  |                       |
| Effingham.....      | 1,848                    | 1,101          | 2,979               | 1,855                 | 36                    | 3     |  |                       |
| Fayette.....        | 2,928                    | 2,674          | 3,423               | 3,220                 | 95                    | 3     |  |                       |
| Ford.....           | 802                      | 2,182          | 1,469               | 2,936                 | 111                   | 8     |  |                       |
| Franklin.....       | 1,790                    | 1,934          | 2,226               | 3,117                 | 56                    | 3     |  |                       |
| Fulton.....         | 4,557                    | 5,095          | 5,762               | 6,130                 | 143                   | 127   |  |                       |
| Gallatin.....       | 1,643                    | 1,137          | 2,004               | 1,432                 | 48                    | 2     |  |                       |
| Greene.....         | 1,908                    | 1,044          | 3,785               | 2,131                 | 66                    | 6     |  |                       |
| Grundy.....         | 1,115                    | 2,931          | 1,687               | 3,735                 | 156                   | 85    |  |                       |
| Hamilton.....       | 2,128                    | 1,526          | 2,467               | 1,911                 | 58                    | 5     |  |                       |
| Hancock.....        | 3,472                    | 3,288          | 4,657               | 3,907                 | 158                   | 10    |  |                       |
| Hardin.....         | 757                      | 709            | 839                 | 573                   | 25                    | 25    |  |                       |
| Henderson.....      | 680                      | 1,393          | 976                 | 1,772                 | 92                    | 16    |  |                       |
| Henry.....          | 1,658                    | 4,529          | 2,909               | 6,192                 | 263                   | 71    |  |                       |
| Iroquois.....       | 2,472                    | 4,118          | 3,736               | 5,243                 | 282                   | 14    |  |                       |
| Jackson.....        | 2,848                    | 3,571          | 3,723               | 4,054                 | 140                   | 12    |  |                       |
| Jasper.....         | 1,734                    | 1,331          | 2,591               | 1,923                 | 94                    | 3     |  |                       |
| Jefferson.....      | 2,437                    | 2,402          | 3,232               | 2,065                 | 155                   | 6     |  |                       |
| Jersey.....         | 1,580                    | 1,237          | 1,145               | 1,496                 | 79                    | 1     |  |                       |
| Jo Daviess.....     | 2,053                    | 2,689          | 2,643               | 3,444                 | 144                   | 8     |  |                       |
| Johnson.....        | 1,100                    | 1,752          | 1,271               | 1,940                 | 44                    | 22    |  |                       |
| Kane.....           | 3,014                    | 7,470          | 5,259               | 13,311                | 393                   | 82    |  |                       |
| Kankakee.....       | 1,761                    | 4,823          | 2,674               | 5,798                 | 103                   | 6     |  |                       |
| Kendall.....        | 299                      | 1,263          | 713                 | 2,121                 | 94                    | 5     |  |                       |
| Knox.....           | 1,957                    | 5,552          | 3,299               | 7,810                 | 277                   | 142   |  |                       |
| Lake.....           | 1,111                    | 3,602          | 2,235               | 5,136                 | 170                   | 16    |  |                       |
| La Salle.....       | 6,888                    | 8,273          | 8,671               | 11,781                | 294                   | 148   |  |                       |
| Lawrence.....       | 1,776                    | 1,802          | 2,021               | 1,961                 | 96                    | 1     |  |                       |
| Lee.....            | 980                      | 3,265          | 2,538               | 4,820                 | 208                   | 11    |  |                       |
| Livingston.....     | 2,914                    | 4,503          | 4,024               | 5,805                 | 331                   | 13    |  |                       |
| Logan.....          | 3,220                    | 3,064          | 3,672               | 3,501                 | 122                   | 24    |  |                       |
| Macon.....          | 3,126                    | 4,872          | 4,874               | 6,086                 | 211                   | 20    |  |                       |
| Macoupin.....       | 4,475                    | 3,327          | 5,472               | 4,814                 | 169                   | 178   |  |                       |
| Madison.....        | 5,087                    | 6,838          | 6,753               | 8,106                 | 169                   | 82    |  |                       |
| Marion.....         | 3,033                    | 2,597          | 3,928               | 3,221                 | 95                    | 13    |  |                       |
| Marshall.....       | 1,718                    | 1,989          | 1,908               | 2,210                 | 55                    | 4     |  |                       |
| Mason.....          | 2,058                    | 1,439          | 2,508               | 2,027                 | 90                    | 4     |  |                       |
| Massac.....         | 431                      | 1,420          | 796                 | 2,057                 | 39                    | 3     |  |                       |
| McDonough.....      | 2,739                    | 3,602          | 3,444               | 4,076                 | 191                   | 6     |  |                       |
| McHenry.....        | 1,218                    | 3,789          | 2,076               | 5,284                 | 136                   | 13    |  |                       |
| McLean.....         | 4,709                    | 6,697          | 6,613               | 9,637                 | 583                   | 95    |  |                       |
| Menard.....         | 1,787                    | 1,451          | 2,078               | 1,682                 | 41                    | 2     |  |                       |
| Mercer.....         | 1,243                    | 2,598          | 3,110               | 3,304                 | 124                   | 13    |  |                       |
| Monroe.....         | 1,575                    | 1,494          | 1,757               | 1,555                 | 10                    | 10    |  |                       |
| Montgomery.....     | 3,119                    | 2,640          | 4,078               | 3,583                 | 175                   | 17    |  |                       |
| Morgan.....         | 3,963                    | 3,851          | 4,321               | 4,341                 | 119                   | 59    |  |                       |
| Montrieux.....      | 1,623                    | 1,432          | 1,075               | 1,738                 | 50                    | 2     |  |                       |
| Ogle.....           | 1,314                    | 3,480          | 2,171               | 5,255                 | 179                   | 6     |  |                       |
| Peoria.....         | 6,871                    | 8,650          | 9,433               | 10,700                | 299                   | 102   |  |                       |
| Perry.....          | 1,761                    | 1,981          | 3,321               | 2,336                 | 155                   | 5     |  |                       |
| Piatt.....          | 1,498                    | 2,203          | 1,905               | 2,648                 | 56                    | 5     |  |                       |
| Pike.....           | 3,242                    | 2,199          | 4,715               | 3,045                 | 124                   | 34    |  |                       |
| Pope.....           | 612                      | 1,388          | 908                 | 1,817                 | 24                    | 24    |  |                       |
| Putlaski.....       | 616                      | 1,538          | 1,077               | 2,039                 | 19                    | 1     |  |                       |
| Randolph.....       | 408                      | 554            | 450                 | 738                   | 29                    | 1     |  |                       |
| Randolph.....       | 2,828                    | 2,904          | 3,278               | 3,045                 | 124                   | 6     |  |                       |
| Richland.....       | 1,630                    | 1,394          | 2,042               | 1,793                 | 67                    | 18    |  |                       |

ILLINOIS—Continued.

| COUNTIES.        | TREASURER,<br>1902.      |                | PRESIDENT,<br>1900. |                       |                       |                       |  |
|------------------|--------------------------|----------------|---------------------|-----------------------|-----------------------|-----------------------|--|
|                  | Dudd-<br>leston,<br>Dem. | Busse,<br>Rep. | Bryan,<br>Dem.      | Mc-<br>Kinley<br>Rep. | Wool-<br>ley,<br>Pro. | Debs.<br>Sec.<br>Dem. |  |
| Rock Island..... | 3,007                    | 5,770          | 4,786               | 8,299                 | 186                   | 228                   |  |
| Saline.....      | 1,884                    | 2,253          | 2,186               | 2,495                 | 37                    | 14                    |  |
| Sangamon.....    | 8,436                    | 8,844          | 9,499               | 9,769                 | 338                   | 36                    |  |
| Schuyler.....    | 1,845                    | 1,679          | 2,167               | 1,791                 | 74                    | 7                     |  |
| Scott.....       | 1,379                    | 1,051          | 1,585               | 1,204                 | 26                    | 26                    |  |
| Shelby.....      | 3,032                    | 2,487          | 4,514               | 3,295                 | 205                   | 4                     |  |
| Stark.....       | 758                      | 1,311          | 939                 | 1,665                 | 96                    | 7                     |  |
| St. Clair.....   | 8,040                    | 9,015          | 9,827               | 9,764                 | 149                   | 109                   |  |
| Stephenson.....  | 3,362                    | 4,014          | 3,983               | 4,677                 | 234                   | 10                    |  |
| Tazewell.....    | 3,487                    | 3,205          | 3,048               | 3,957                 | 162                   | 43                    |  |
| Union.....       | 2,243                    | 1,338          | 2,900               | 1,695                 | 45                    | 5                     |  |
| Vermilion.....   | 2,863                    | 6,404          | 6,147               | 9,852                 | 555                   | 91                    |  |
| Wabash.....      | 1,334                    | 1,123          | 1,643               | 1,226                 | 116                   | 1                     |  |
| Warren.....      | 2,178                    | 2,972          | 2,501               | 3,678                 | 181                   | 42                    |  |
| Washington.....  | 1,679                    | 2,369          | 2,061               | 2,351                 | 61                    | 32                    |  |
| Wayne.....       | 2,507                    | 2,667          | 3,062               | 3,117                 | 153                   | 7                     |  |
| White.....       | 2,870                    | 2,165          | 3,170               | 2,658                 | 63                    | 3                     |  |
| Whiteside.....   | 1,085                    | 3,705          | 2,758               | 5,663                 | 226                   | 17                    |  |
| Will.....        | 3,960                    | 7,457          | 6,655               | 10,056                | 140                   | 92                    |  |
| Williamson.....  | 2,589                    | 3,339          | 2,790               | 3,723                 | 55                    | 11                    |  |
| Winnebago.....   | 477                      | 3,118          | 2,498               | 5,103                 | 453                   | 75                    |  |
| Woodford.....    | 2,213                    | 1,784          | 2,564               | 2,437                 | 178                   | 14                    |  |
| Total.....       | 360,925                  | 450,995        | 503,061             | 597,995               | 17,623                | 9,687                 |  |
| Plurality.....   |                          |                |                     | 89,924                |                       |                       |  |
| Per cent.....    | 41.95                    | 52.74          | 44.44               | 52.82                 | 1.55                  | 0.85                  |  |
| Scattering.....  |                          | 48,354         |                     | 3,538                 |                       |                       |  |
| Whole vote.....  | 859,974                  |                | 1,131,894           |                       |                       |                       |  |

For State Treasurer, 1902, Tuesburg, Pro., received 18,434; Nelson, Soc., 20,167; Remier, Soc. L., 8,225; Balster, Pro., 1,618.

At election, 1902, the following "Proposal Question of Public Policy" was voted for: Shall the next General Assembly submit to the people of the State of Illinois at the next State election a Constitutional Amendment providing for the control of legislation by the people, by means of the "Initiative and Referendum." There were 428,469 votes for the proposed question and 87,654 against.

The scattering vote for President in 1900 was: Barker, M. R. Pop., 1,141; Malloney, Soc. L., 1,373; Ellis, U. R., 672; Leonard, U. C., 352.

The vote for Governor in 1900 was: Alschuler, Dem., 518,966; Yates, Rep., 530,198; Barnes, Pro., 15,643; Perry, Soc. Rep., 3,617; Hoffman, Soc. L., 1,319; Tine, M. R. Pop., 1,045; scattering, 984.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1902.

Districts.

I. County of Cook. Martin Emerich, Dem., 16,591; M. B. Madden, Rep., 15,239; H. T. Wilcoxon, Pro., 415.

II. County of Cook. Frank Brust, Dem., 9,532; Jas. R. Mann, Rep., 15,697; C. R. Wakeley, Pro., 557; B. Berlyn, Soc., 2,321.

III. County of Cook. Dan. M. Smith, Jr., Dem., 10,517; Wm. W. Wilson, Rep., 13,977; F. D. Brooke, Pro., 543; J. Wanhoop, Soc., 1,073.

IV. County of Cook. Geo. P. Foster, Dem., 14,698; David J. Stewart, Pro., 317; F. Finsterbach, Soc., 850.

V. County of Cook. James McAndrews, Dem., 12,346; C. O. Bassett, Pro., 304; J. Winnen, Soc., 1,263.

VI. County of Cook. A. C. Durborough, Dem., 1,555; Wm. Lorimer, Rep., 16,540; E. W. Chañin, Pro., 536; H. P. Kuesch, Soc., 667.

VII. County of Cook. J. M. Hess, Dem., 13,443; Philip Knopf, Rep., 48,161; F. C. Ebinger, Pro., 496; J. H. Bard, Soc., 3,471.

VIII. County of Cook. Wm. F. Mahony, Dem., 19,688; T. B. Wood, Pro., 508; G. D. Evans, Soc., 1,546.

IX. County of Cook. Lockwood Honore, Dem., 13,774; Hy. S. Boutell, Rep., 15,857; A. J. Lofgren, Pro., 238; Geo. T. Millar, Soc., 1,305.

X. Counties of Cook (part) and Lake. J. J. Philbin, Dem., 9,733; G. E. Foss, Rep., 15,318; M. Parkhurst, Pro., 590; Gus. Lohse, Soc., 986.

ILLINOIS—Continued.

- XI. Counties of Du Page, Kane, McHenry, and Will. J. O. Mouroe, Dem., 9,968; H. M. Snapp, Rep., 20,649; S. C. Reber, Pro., 927; C. S. Getting, Soc., 623.
- XII. Counties of Boone, De Kalb, Grundy, Kendall, La Salle, and Winnebago. J. R. Steward, Dem., 9,356; C. E. Fuller, Rep., 19,812; F. S. Regan, Pro., 2,568.
- XIII. Counties of Carroll, Jo Daviess, Lee, Ogle, Stephenson, and Whiteside. Louis Dickes, Dem., 9,401; R. R. Hibb, Rep., 19,229; S. T. Shirley, Pro., 729.
- XIV. Counties of Hancock, Henderson, McDonough, Mercer, Rock Island, and Warren. J. W. Lusk, Dem., 13,195; B. F. Marsh, Rep., 19,404; P. M. Carnahan, Pro., 988; R. F. Kinder, Soc., 1,118.
- XV. Counties of Adam, Fulton, Henry, Knox, and Schuyler. J. W. Olsen, Dem., 16,045; G. W. Prince, Rep., 21,899; J. H. Batten, Pro., 899; Homer Whalen, Soc., 601.
- XVI. Counties of Bureau, Marshall, Peoria, Putnam, Stark, and Tazewell. J. M. Nelhans, Dem., 15,623; J. V. Graff, Rep., 19,360; H. H. Peters, Pro., 573.
- XVII. Counties of Ford, Livingston, Logan, McLean, and Woodford. Z. F. Yost, Dem., 14,400; J. A. Sterling, Rep., 18,331; Wm. P. Allin, Pro., 1,344.
- XVIII. Counties of Clark, Cumberland, Edgar, Iroquois, Kankakee, and Vermillion. H. C. Bell, Dem., 15,254; J. G. Cannon, Rep., 22,941; N. J. Wright, Pro., 1,166.
- XIX. Counties of Champaign, Coles, De Witt, Douglas, Macon, Moultrie, Shelby, and Piatt. W. B. Hinds, Dem., 19,895; V. Warner, Rep., 24,155; H. S. Mavity, Pro., 1,241.
- XX. Counties of Brown, Calhoun, Cass, Greene, Jersey, Mason, Menard, Morgan, Pike, and Scott. Hy. T. Rainey, Dem., 20,165; J. H. Danskin, Rep., 14,889; J. H. Morphis, Pro., 642.
- XXI. Counties of Christian, Macoupin, Montgomery, and Sangamon. B. F. Caldwell, Dem., 20,774; Leroy Anderson, Rep., 16,998; J. J. Dugan, Pro., 726.
- XXII. Counties of Bond, Madison, Monroe, St. Clair, and Washington. F. J. Keru, Dem., 18,747; Wm. A. Rodenberg, Rep., 21,101.
- XXIII. Counties of Clinton, Crawford, Effingham, Fayette, Jasper, Jefferson, Lawrence, Marion, Richland, and Wabash. J. B. Crowley, Dem., 20,735; H. G. Van Sandt, Rep., 17,557; Wm. H. Bowles, Pro., 1,144.
- XXIV. Counties of Clay, Edwards, Gallatin, Hamilton, Hardin, Johnson, Massac, Pope, Saline, Wayne, and White. J. R. Williams, Dem., 17,971; P. T. Chapman, Rep., 17,719; Wm. T. Morris, Pro., 651.
- XXV. Counties of Alexander, Franklin, Jackson, Perry, Pulaski, Randolph, Union, and Williamson. James Lingle, Dem., 16,444; G. W. Smith, Rep., 18,743; Clark Braden, Pro., 958.

PRESENT STATE GOVERNMENT.

Governor, Richard Yates; Lieutenant-Governor, W. A. Northcott; Secretary of State, James A. Rose; Treasurer, Fred. A. Busse; Auditor, J. S. McCullough; Attorney-General, H. J. Hamlin; Adjutant-General, Jas. B. Smith; Superintendent of Insurance, Henry Yates; Superintendent of Public Instruction, Alfred Bayliss—all Republicans.

JUDICIARY.

Supreme Court: Chief Justice, B. D. Magruder, Rep.; Associate Justices, C. C. Boggs, Dem.; J. N. Carter, Rep.; J. B. Ricks, Dem.; J. H. Cartwright, Rep.; Jacob W. Wilkin, Dem.; John P. Hand, Rep.; Clerk of the Court, C. Mamer, Rep.

ILLINOIS—Continued.

STATE LEGISLATURE, 1903.

|                      | Senate. | House. | Joint Ballot. |
|----------------------|---------|--------|---------------|
| Republicans.....     | 36      | 68     | 124           |
| Democrats.....       | 15      | 62     | 77            |
| Prohibition.....     | —       | 1      | 1             |
| People's.....        | —       | 2      | 2             |
| Republican majority. | 21      | 23     | 44            |

VOTE OF THE STATES SINCE 1872.

|                  | Dem.    | Rep.    | Gr.    | Pro.   | Plu.         |
|------------------|---------|---------|--------|--------|--------------|
| 1872. President. | 184,772 | 241,237 | .....  | .....  | *56,445 R    |
| 1876. President. | 258,601 | 278,232 | 17,207 | .....  | 19,631 R     |
| 1880. President. | 277,321 | 318,037 | 26,358 | .....  | 440 40,716 R |
| 1884. President. | 312,351 | 337,649 | 10,776 | 12,074 | 25,118 R     |
| 1888. President. | 348,371 | 370,473 | 7,090  | 21,695 | 22,102 R     |
| 1892. President. | 426,281 | 399,238 | 22,207 | 25,870 | 26,993 D     |
| 1896. President. | 464,632 | 607,130 | 6,390  | 9,796  | 142,498 R    |
| 1898. Treasurer. | 405,490 | 448,940 | 7,886  | 11,753 | 43,450 R     |
| 1900. Governor.  | 518,966 | 580,198 | 8,617  | 15,643 | 61,232 R     |
| 1900. President. | 503,061 | 597,985 | 9,687  | 17,623 | 94,924 R     |
| 1902. Treasurer. | 360,925 | 450,695 | 20,167 | 18,434 | 89,770 R     |

\* Majority.

INDIANA.

| COUNTIES.<br>(92.) | SECRETARY OF STATE, 1902. |             |             |                | PRESIDENT, 1900. |                 |
|--------------------|---------------------------|-------------|-------------|----------------|------------------|-----------------|
|                    | School-nover, Dem.        | Storms Rep. | By-an, Dem. | Mc-Kinley Rep. | Wool-ley, Pro.   | Debs, Soc. D-m. |
| Adams.....         | 2 491                     | 1 430       | 3 337       | 1 688          | 90               |                 |
| Allen.....         | 8 012                     | 7 066       | 10 764      | 8 250          | 109              | 163             |
| Bartholomew.       | 2 975                     | 3 102       | 3 300       | 3 275          | 83               | 13              |
| Benton.....        | 1 256                     | 1 785       | 1 563       | 2 032          | 90               | 5               |
| Blackford...       | 1 965                     | 1 890       | 2 191       | 2 121          | 148              | 6               |
| Boone.....         | 3 352                     | 3 337       | 3 718       | 3 360          | 115              | 1               |
| Brown.....         | 1 057                     | 590         | 1 450       | 707            | 34               | 1               |
| Carroll.....       | 2 386                     | 2 412       | 2 690       | 2 565          | 155              |                 |
| Cass.....          | 4 143                     | 4 084       | 4 672       | 4 308          | 239              | 16              |
| Clark.....         | 3 456                     | 3 001       | 4 134       | 3 855          | 51               | 16              |
| Clay.....          | 3 379                     | 3 286       | 4 114       | 3 873          | 170              | 172             |
| Clinton.....       | 3 173                     | 3 593       | 3 603       | 3 677          | 216              | 1               |
| Crawford.....      | 1 480                     | 1 373       | 1 731       | 1 329          | 48               |                 |
| Daviess.....       | 2 771                     | 3 070       | 3 424       | 3 298          | 132              | 144             |
| Dearborn.....      | 2 920                     | 2 083       | 3 371       | 2 533          | 84               | 36              |
| Decatur.....       | 2 976                     | 2 905       | 2 598       | 2 900          | 105              | 11              |
| De Kalb.....       | 2 976                     | 2 900       | 3 408       | 3 215          | 259              | 5               |
| Delaware.....      | 3 015                     | 7 004       | 4 674       | 8 301          | 321              | 86              |
| Dubois.....        | 2 578                     | 1 044       | 3 192       | 1 362          | 20               | 1               |
| Elkhart.....       | 4 034                     | 5 292       | 4 950       | 6 270          | 544              | 74              |
| Fayette.....       | 1 453                     | 2 099       | 1 600       | 2 320          | 65               | 1               |
| Floyd.....         | 3 271                     | 2 965       | 3 781       | 3 597          | 57               | 9               |
| Fountain.....      | 2 621                     | 2 772       | 2 896       | 3 015          | 100              | 6               |
| Franklin.....      | 2 436                     | 1 555       | 2 781       | 1 738          | 37               |                 |
| Fulton.....        | 2 179                     | 2 247       | 2 358       | 2 313          | 93               |                 |
| Gibson.....        | 3 226                     | 3 490       | 3 509       | 8 348          | 244              | 4               |
| Grant.....         | 3 681                     | 7 054       | 5 312       | 8 332          | 762              | 293             |
| Greene.....        | 3 471                     | 3 608       | 3 491       | 3 502          | 81               | 77              |
| Hamilton.....      | 2 395                     | 4 050       | 2 331       | 4 798          | 420              | 7               |
| Hancock.....       | 2 621                     | 2 096       | 2 930       | 2 595          | 98               | 2               |
| Harrison.....      | 2 381                     | 2 205       | 2 824       | 2 482          | 83               | 3               |
| Hendricks....      | 1 902                     | 3 008       | 2 359       | 3 426          | 154              | 1               |
| Henry.....         | 1 726                     | 3 531       | 2 754       | 4 047          | 316              | 6               |
| Howard.....        | 2 305                     | 3 729       | 2 823       | 4 308          | 391              | 47              |
| Huntington...      | 3 240                     | 3 724       | 3 691       | 4 122          | 248              | 18              |
| Jackson.....       | 2 866                     | 2 124       | 3 849       | 2 795          | 79               | 1               |
| Jasper.....        | 1 310                     | 1 918       | 1 580       | 2 083          | 97               | 2               |
| Jay.....           | 3 064                     | 3 295       | 3 422       | 3 618          | 234              | 2               |
| Jefferson.....     | 2 478                     | 2 850       | 2 636       | 3 371          | 76               | 21              |
| Jennings....       | 1 727                     | 1 950       | 1 925       | 2 155          | 86               |                 |
| Johnson.....       | 2 734                     | 2 114       | 3 088       | 2 367          | 157              | 7               |
| Knox.....          | 3 629                     | 3 228       | 4 443       | 3 554          | 166              | 3               |
| Kosciusko....      | 2 843                     | 3 803       | 3 265       | 4 422          | 163              | 1               |
| La Grange....      | 1 001                     | 1 902       | 1 431       | 3 229          | 157              |                 |
| Lake.....          | 2 935                     | 4 583       | 3 733       | 3 537          | 97               | 17              |
| Laporte.....       | 4 781                     | 4 355       | 4 783       | 4 809          | 66               | 34              |
| Lawrence....       | 2 690                     | 2 390       | 2 598       | 3 535          | 76               | 5               |
| Madison.....       | 7 159                     | 8 858       | 8 258       | 9 891          | 444              | 102             |
| Marion.....        | 20,846                    | 24,853      | 23,660      | 29,272         | 727              | 181             |

INDIANA—Continued.

| COUNTIES.       | SECRETARY OF STATE, 1902. |                | PRESIDENT, 1900. |                       |                       |                         |
|-----------------|---------------------------|----------------|------------------|-----------------------|-----------------------|-------------------------|
|                 | School-nove-<br>m. Dem.   | Storms<br>Rep. | Byan,<br>Dem.    | Mc-<br>Kinley<br>Rep. | Wool-<br>ley,<br>Pro. | Debs,<br>So-<br>c. Dem. |
| Marshall.....   | 3 040                     | 2 575          | 3 449            | 2 947                 | 127                   | 2                       |
| Martin.....     | 1 614                     | 1 640          | 1 660            | 1 712                 | 21                    | ..                      |
| Miami.....      | 3 797                     | 3 632          | 3 849            | 3 812                 | 194                   | 13                      |
| Monroe.....     | 2 256                     | 2 459          | 2 397            | 2 788                 | 78                    | 1                       |
| Montgomery..    | 3 764                     | 4 219          | 4 102            | 4 507                 | 173                   | ..                      |
| Morgan.....     | 2 457                     | 2 774          | 2 632            | 2 904                 | 104                   | 2                       |
| Newton.....     | 1 011                     | 1 537          | 1 165            | 1 715                 | 100                   | ..                      |
| Noble.....      | 3 846                     | 3 166          | 3 977            | 3 400                 | 117                   | ..                      |
| Ohio.....       | 607                       | 640            | 632              | 730                   | 6                     | ..                      |
| Orange.....     | 1 692                     | 2 098          | 1 851            | 2 247                 | 45                    | ..                      |
| Owen.....       | 1 742                     | 1 626          | 2 057            | 1 706                 | 55                    | ..                      |
| Parke.....      | 2 149                     | 2 821          | 2 630            | 3 138                 | 213                   | 76                      |
| Perry.....      | 2 113                     | 1 883          | 2 278            | 2 078                 | 41                    | 1                       |
| Pike.....       | 2 059                     | 2 347          | 2 460            | 2 420                 | 70                    | 3                       |
| Porter.....     | 1 386                     | 2 457          | 1 848            | 2 797                 | 47                    | 4                       |
| Posey.....      | 2 751                     | 2 368          | 3 177            | 2 553                 | 99                    | 5                       |
| Pulaski.....    | 1 689                     | 1 514          | 1 909            | 1 501                 | 86                    | 1                       |
| Putnam.....     | 2 870                     | 2 191          | 3 251            | 2 652                 | 133                   | 12                      |
| Randolph.....   | 1 688                     | 4 423          | 2 393            | 3 050                 | 241                   | 2                       |
| Ripley.....     | 2 543                     | 2 536          | 2 752            | 2 737                 | 81                    | 16                      |
| Rush.....       | 2 274                     | 3 700          | 2 503            | 2 913                 | 158                   | ..                      |
| Scott.....      | 1 018                     | 691            | 1 251            | 874                   | 27                    | 1                       |
| Shelby.....     | 3 359                     | 2 934          | 3 846            | 3 381                 | 197                   | 2                       |
| Spencer.....    | 2 499                     | 2 764          | 2 816            | 2 979                 | 91                    | 3                       |
| Starke.....     | 1 136                     | 1 269          | 1 315            | 1 340                 | 33                    | 3                       |
| St. Joseph..... | 6 882                     | 7 777          | 6 948            | 8 127                 | 138                   | 2                       |
| Steuben.....    | 1 360                     | 2 378          | 1 522            | 2 715                 | 172                   | 35                      |
| Sullivan.....   | 2 822                     | 2 125          | 4 008            | 2 326                 | 201                   | 18                      |
| Switzerland..   | 1 547                     | 1 464          | 1 713            | 1 631                 | 18                    | ..                      |
| Tippecanoe...   | 3 523                     | 5 451          | 4 673            | 6 317                 | 224                   | 3                       |
| Tipton.....     | 2 312                     | 2 273          | 2 436            | 2 410                 | 154                   | 3                       |
| Union.....      | 738                       | 1 019          | 897              | 1 060                 | 52                    | ..                      |
| Vanderburgh.    | 5 202                     | 7 265          | 7 178            | 8 228                 | 110                   | 330                     |
| Vermillion...   | 1 477                     | 1 984          | 1 799            | 2 322                 | 107                   | 40                      |
| Vigo.....       | 7 178                     | 7 964          | 7 472            | 7 992                 | 168                   | 351                     |
| Wabash.....     | 2 226                     | 3 450          | 2 882            | 4 433                 | 250                   | 5                       |
| Warren.....     | 758                       | 1 861          | 1 117            | 2 167                 | 67                    | ..                      |
| Warrick.....    | 2 532                     | 2 445          | 2 828            | 2 540                 | 92                    | 10                      |
| Washington.     | 2 344                     | 1 855          | 2 723            | 2 152                 | 44                    | 2                       |
| Wayne.....      | 2 607                     | 5 245          | 4 020            | 6 736                 | 219                   | 17                      |
| Wells.....      | 2 853                     | 2 075          | 3 599            | 2 390                 | 186                   | 3                       |
| White.....      | 2 245                     | 2 342          | 2 510            | 2 562                 | 114                   | 6                       |
| Whitley.....    | 2 225                     | 2 159          | 3 261            | 2 271                 | 113                   | 1                       |
| Total.....      | 263555                    | 298819         | 309584           | 336063                | 13,718                | 2,374                   |
| Plurality.....  |                           | 35,264         |                  | 26,479                |                       |                         |
| Per cent.....   | 44.61                     | 50.64          | 46.62            | 50.60                 | 2.07                  | 0.36                    |
| Scattering..... |                           | 27,997         |                  | 2,355                 |                       |                         |
| Whole vote..... |                           | 590,356        |                  | 664,094               |                       |                         |

For Secretary of State, 1902, Dungan, Pro., received 17,765 votes; Gill, Pop., 1,350; Meyer, Soc., 7,111; Dreyer, Soc. L., 1,756.

The scattering vote for President in 1900 was: Barker, M. R. Pop., 1,438; Malloney, Soc. L., 663; Ellis, U. Rep., 254.

The vote for Governor in 1900 was: Kern, Dem., 306,368; Durbin, Rep., 331,531; Eckhart, Pro., 13,451; Kelley, Soc. Dem., 2,240; Moore, Soc. L., 644; Burkhart, Peo., 1,504; Wilson, U. Rep., 248.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1902.

- Districts.*
- I. Counties of Gibson, Posey, Pike, Spencer, Vanderburgh, and Warrick. J. W. Spencer, Dem., 17,823; Jas. M. Hemenway, Rep., 21,524; G. W. Norman, Pro., 540; M. Smith, Soc., 1,453; Peo., 41. Hemenway's plurality, 3,691.
- II. Counties of Daviess, Greene, Monroe, Owen, Sullivan, Knox, Lawrence, and Martin. Robert Miers, Dem., 2,162; John C. Chaney, Rep., 20,423; J. T. Hobson, Pro., 573; J. C. Hennan, Soc., 332; W. B. Wolfe, Peo., 198. Miers' plurality, 739.

INDIANA—Continued.

- III. Counties of Clark, Floyd, Harrison, Dubois, Orange, Crawford, Perry, Scott, and Washington. W. T. Zenor, Dem., 20,740; A. E. McGanness, Rep., 16,784; E. C. Richardson, Pro., 493. Zenor's plurality, 3,956.
- IV. Counties of Dearborn, Decatur, Jackson, Brown, Bartholomew, Jennings, Jefferson, Ohio, Ripley, and Switzerland. F. M. Griffith, Dem., 21,751; J. M. Spencer, Rep., 18,894; J. C. Overman, Pro., 678; T. McDonough, Soc., 318. Griffith's plurality, 2,857.
- V. Counties of Clay, Parke, Vermillion, Vigo, Hendricks, Morgan, and Putnam. J. A. Wiltermood, Dem., 21,562; E. S. Holliday, Rep., 23,815; D. G. Carter, Pro., 1,231; J. Bishop, Soc., 745. Holliday's plurality, 2,253.
- VI. Counties of Fayette, Henry, Hancock, Franklin, Shelby, Union, Rush, and Wayne. J. T. Arbuckle, Dem., 19,535; Jas. E. Watson, Rep., 23,564; M. Brown, Pro., 1,564. Watson's plurality, 4,106.
- VII. Counties of Marion and Johnson. J. P. Dunn, Dem., 20,933; Overstreet, Rep., 25,191; J. R. Henry, Pro., 1,126; D. C. McClure, Soc., 793; E. Veilweh, Soc. L., 413. Overstreet's plurality, 4,258.
- VIII. Counties of Adams, Blackford, Delaware, Jay, Madison, Randolph, and Wells. J. E. Truesdale, Dem., 21,474; Geo. W. Cromer, Rep., 25,842; D. F. Kain, Pro., 1,848; S. Fuser, Soc., 529. Cromer's plurality, 4,368.
- IX. Counties of Boone, Clinton, Fountain, Carroll, Hamilton, Montgomery, and Tipton. L. J. Kirkpatrick, Dem., 19,596; C. B. Landis, Rep., 24,390; G. B. Jones, Pro., 2,344. Landis' plurality, 4,794.
- X. Counties of Benton, Laporte, Jasper, Tippecanoe, Warren, Lake, Newton, Porter, and White. Wm. Guthrie, Dem., 19,428; E. D. Crumponcker, 26,016; R. M. Dalzeide, Pro., 714. Crumponcker's plurality, 6,588.
- XI. Counties of Howard, Cass, Grant, Huntington, Miami, and Wabash. Jno. C. Nelson, Dem., 23,317; Fred. Landis, Rep., 25,824; B. L. Shugart, Pro., 1,548. Landis' plurality, 2,507.
- XII. Counties of Allen, De Kalb, La Grange, Noble, Steuben, and Whitley. Jas. M. Robinson, Dem., 19,320; C. C. Gelhams, Rep., 19,035; W. W. Wyrick, Pro., 731; M. H. Wefel, Soc., 1,065. Robinson's plurality, 285.
- XIII. Counties of Elkhart, Kosciusko, Fulton, Pulaski, Marshall, St. Joseph, and Starke. F. E. Hering, Dem., 22,289; A. L. Brick, Rep., 24,206; W. R. Lowe, Pro., 1,220; E. T. Anderson, Soc., 327. Brick's plurality, 1,917.

PRESENT STATE GOVERNMENT.

Governor, Winfield T. Durbin; Lieutenant-Governor, N. W. Gilbert; Secretary of State, D. E. Storms; Treasurer, Nat. U. Hill; Auditor, David E. Sherrick; Attorney-General, Chas. W. Miller; Superintendent of Education, F. E. Cotton; Commissioner of Insurance, Auditor *ex officio*—all Republicans.

JUDICIARY.

Supreme Court: Chief Justice, James H. Jordan; Justices, John V. Hadley, A. Dowling, L. J. Monks, John J. Gillett; Clerk of the Court, R. A. Brown—all Republicans.

STATE LEGISLATURE, 1903.

|                      | Senate. | House. | Joint Ballot. |
|----------------------|---------|--------|---------------|
| Republicans.....     | 33      | 61     | 94            |
| Democrats.....       | 17      | 39     | 56            |
| Republican majority. | —       | —      | 38            |

INDIANA—Continued.

VOTE OF THE STATE SINCE 1872.

|                 | Dem.    | Rep.    | Gr.     | Pro.   | Un.    | R      |
|-----------------|---------|---------|---------|--------|--------|--------|
| 1872 President  | 163,632 | 186,147 |         |        |        | 23,515 |
| 1876 President  | 213,526 | 208,011 | 9,533   |        |        | 5,515  |
| 1880 President  | 225,522 | 232,164 | 12,956  |        |        | 6,641  |
| 1884 President  | 244,942 | 235,480 | 8,293   | 3,028  | 6,512  | D      |
|                 |         |         | U. Lab. |        |        |        |
| 1888 President  | 261,013 | 263,361 | 2,694   | 9,881  | 2,348  | R      |
|                 |         |         | Pop.    |        |        |        |
| 1892 President  | 262,740 | 255,615 | 22,208  | 13,050 | 7,125  | D      |
| 1896 President  | 305,573 | 323,754 |         | 3,056  | 18,181 | R      |
| 1896 Sec. State | 269,125 | 236,643 | 5,867   | 9,961  | 17,518 | R      |
| 1900 Governor   | 306,368 | 331,531 |         | 13,451 | 25,163 | R      |
| 1900 President  | 309,584 | 333,063 |         | 13,718 | 26,470 | R      |
|                 |         |         | Sec.    | Pro.   |        |        |
| 1902 Sec. State | 263,265 | 298,819 | 7,134   | 17,765 | 35,554 | R      |

IOWA.

| COUNTIES.<br>(99.) | SECRETARY OF STATE, 1902. |               | GOVERNOR, 1901. |                | PRESIDENT, 1900. |                 |
|--------------------|---------------------------|---------------|-----------------|----------------|------------------|-----------------|
|                    | Burke, Dem.               | Mar-tin, Rep. | Phil-lips, Dem. | Cum-mins, Rep. | Bryan, Dem.      | Mc-Kimley R-ep. |
| Adair              | 973                       | 1,723         | 1,103           | 1,859          | 1,618            | 2,327           |
| Adams              | 1,087                     | 1,663         | 1,149           | 1,606          | 1,428            | 1,873           |
| Allamakee          | 1,596                     | 2,187         | 1,549           | 2,206          | 1,850            | 2,659           |
| Appanoose          | 1,857                     | 2,613         | 1,702           | 2,798          | 2,690            | 3,538           |
| Audubon            | 888                       | 1,486         | 1,003           | 1,633          | 1,301            | 1,821           |
| Benton             | 1,842                     | 2,770         | 1,230           | 2,947          | 2,575            | 3,609           |
| Blackhawk          | 2,400                     | 3,935         | 1,886           | 3,711          | 2,512            | 5,010           |
| Boone              | 1,121                     | 2,677         | 1,240           | 2,769          | 2,264            | 4,171           |
| Bremer             | 1,905                     | 1,709         | 1,980           | 1,870          | 1,929            | 2,158           |
| Buchanan           | 1,825                     | 2,447         | 1,763           | 2,346          | 2,053            | 2,959           |
| Buena Vista        | 406                       | 1,870         | 374             | 1,459          | 398              | 2,623           |
| Butler             | 655                       | 2,302         | 663             | 1,751          | 1,167            | 2,902           |
| Calhoun            | 655                       | 1,764         | 687             | 1,717          | 1,224            | 2,973           |
| Carroll            | 2,076                     | 1,816         | 1,991           | 1,761          | 2,434            | 3,234           |
| Cass               | 1,339                     | 2,407         | 1,602           | 2,583          | 2,010            | 3,128           |
| Cedar              | 1,892                     | 2,235         | 1,699           | 1,191          | 2,131            | 2,740           |
| Cerro Gordo        | 931                       | 2,110         | 841             | 1,435          | 1,320            | 2,346           |
| Cherokee           | 603                       | 1,560         | 854             | 1,742          | 1,353            | 2,432           |
| Chickasaw          | 1,769                     | 1,632         | 1,852           | 1,903          | 2,063            | 2,085           |
| Clarke             | 890                       | 1,474         | 1,040           | 1,604          | 1,322            | 1,800           |
| Clay               | 355                       | 1,376         | 307             | 1,220          | 781              | 2,292           |
| Clayton            | 2,606                     | 2,721         | 2,199           | 2,497          | 2,884            | 3,366           |
| Clinton            | 4,312                     | 4,104         | 3,941           | 3,655          | 4,648            | 5,344           |
| Crawford           | 2,044                     | 1,844         | 1,931           | 1,931          | 2,578            | 2,665           |
| Dallas             | 1,109                     | 2,533         | 793             | 2,046          | 1,940            | 3,801           |
| David              | 1,721                     | 1,515         | 1,653           | 1,370          | 2,155            | 1,656           |
| Decatur            | 1,637                     | 2,206         | 1,603           | 2,073          | 2,058            | 2,415           |
| Delaware           | 1,839                     | 2,091         | 809             | 1,671          | 1,570            | 2,805           |
| Des Moines         | 3,207                     | 2,997         | 2,949           | 2,937          | 3,909            | 4,315           |
| Dickinson          | 189                       | 1,200         | 259             | 1,138          | 445              | 1,352           |
| Dubuque            | 5,277                     | 3,789         | 4,775           | 4,511          | 6,655            | 4,752           |
| Emmet              | 369                       | 1,262         | 265             | 911            | 697              | 1,618           |
| Fayette            | 1,870                     | 3,065         | 1,695           | 2,870          | 2,708            | 3,984           |
| Floyd              | 740                       | 1,293         | 819             | 1,939          | 1,295            | 2,843           |
| Franklin           | 474                       | 1,718         | 341             | 1,347          | 748              | 2,537           |
| Fremont            | 1,793                     | 1,876         | 1,930           | 1,828          | 2,899            | 2,170           |
| Greene             | 703                       | 1,899         | 661             | 1,860          | 1,360            | 2,777           |
| Grundy             | 754                       | 1,423         | 897             | 1,565          | 2,263            | 2,025           |
| Guthrie            | 1,007                     | 3,000         | 1,264           | 2,209          | 1,824            | 2,806           |
| Hamilton           | 1,471                     | 1,963         | 1,636           | 2,062          | 1,132            | 3,259           |
| Hancock            | 496                       | 1,672         | 478             | 1,478          | 827              | 2,186           |
| Hardin             | 813                       | 2,501         | 682             | 2,132          | 1,268            | 3,741           |
| Harrison           | 1,739                     | 2,547         | 2,266           | 2,891          | 2,897            | 3,303           |
| Henry              | 1,273                     | 2,071         | 1,220           | 2,241          | 1,910            | 2,794           |
| Howard             | 1,059                     | 1,502         | 1,208           | 1,662          | 1,420            | 1,944           |
| Humboldt           | 2,021                     | 1,099         | 267             | 1,178          | 597              | 2,213           |
| Ida                | 1,086                     | 2,255         | 1,057           | 1,301          | 1,304            | 1,599           |
| Iowa               | 1,963                     | 1,089         | 1,777           | 2,003          | 1,983            | 2,335           |
| Jackson            | 2,339                     | 2,468         | 2,292           | 2,506          | 2,854            | 2,964           |
| Jasper             | 2,441                     | 3,433         | 2,130           | 3,434          | 3,163            | 3,894           |
| Jefferson          | 1,049                     | 1,745         | 1,166           | 1,852          | 1,612            | 2,482           |
| Johnson            | 3,165                     | 2,603         | 2,684           | 2,403          | 3,226            | 3,010           |
| Jones              | 1,657                     | 2,161         | 1,337           | 2,048          | 2,052            | 3,021           |
| Keokuk             | 2,507                     | 2,716         | 2,264           | 2,743          | 2,669            | 3,339           |
| Kossuth            | 1,381                     | 2,405         | 1,200           | 2,635          | 1,777            | 3,122           |
| Lee                | 3,499                     | 2,960         | 3,594           | 2,283          | 5,182            | 4,486           |
| Linn               | 3,627                     | 5,434         | 2,456           | 1,911          | 5,014            | 7,730           |
| Louisia            | 726                       | 1,651         | 710             | 1,708          | 1,172            | 2,185           |
| Lucas              | 933                       | 1,643         | 1,045           | 1,661          | 1,488            | 2,225           |
| Lyon               | 1,056                     | 1,404         | 865             | 1,291          | 1,289            | 1,666           |
| Madison            | 1,111                     | 2,180         | 1,458           | 2,293          | 1,907            | 2,590           |

IOWA—Continued.

| COUNTIES.     | SECRETARY OF STATE, 1902. |               | GOVERNOR, 1901. |                | PRESIDENT, 1900. |                 |
|---------------|---------------------------|---------------|-----------------|----------------|------------------|-----------------|
|               | Burke, Dem.               | Mar-tin, Rep. | Phil-lips, Dem. | Cum-mins, Rep. | Bryan, Dem.      | Mc-Kimley R-ep. |
| Mahaska       | 2,784                     | 3,420         | 2,442           | 3,362          | 3,588            | 4,470           |
| Marion        | 2,365                     | 3,671         | 3,235           | 4,290          | 2,950            | 2,950           |
| Marshall      | 1,158                     | 3,067         | 1,235           | 2,778          | 3,329            | 4,879           |
| Mills         | 1,191                     | 1,834         | 1,437           | 1,929          | 1,724            | 2,212           |
| Mitchell      | 470                       | 1,424         | 355             | 1,401          | 981              | 2,450           |
| Monona        | 1,170                     | 1,802         | 1,431           | 1,841          | 1,934            | 2,161           |
| Monroe        | 1,591                     | 2,230         | 1,269           | 2,077          | 1,705            | 2,233           |
| Montgomery    | 734                       | 2,000         | 776             | 1,898          | 1,467            | 2,927           |
| Muscatine     | 2,561                     | 3,227         | 2,238           | 2,944          | 3,021            | 3,905           |
| O'Brien       | 1,012                     | 1,842         | 1,069           | 1,860          | 1,461            | 2,286           |
| Osceola       | 672                       | 904           | 744             | 861            | 799              | 1,106           |
| Page          | 811                       | 2,435         | 894             | 2,230          | 1,889            | 3,424           |
| Palo Alto     | 1,100                     | 1,536         | 1,206           | 1,577          | 1,477            | 2,908           |
| Plymouth      | 1,667                     | 2,008         | 1,707           | 2,131          | 2,507            | 2,712           |
| Pocahontas    | 1,069                     | 1,767         | 716             | 1,496          | 1,287            | 1,176           |
| Polk          | 2,484                     | 7,918         | 2,579           | 9,526          | 6,176            | 12,640          |
| Pottawattomie | 3,908                     | 5,138         | 3,807           | 5,141          | 5,273            | 6,625           |
| Poweshiek     | 1,348                     | 2,496         | 1,022           | 2,265          | 1,765            | 3,199           |
| Ringgold      | 792                       | 1,795         | 706             | 1,747          | 1,311            | 2,219           |
| Sac           | 644                       | 1,554         | 422             | 1,605          | 1,214            | 2,786           |
| Scott         | 4,586                     | 4,768         | 3,678           | 4,905          | 5,157            | 6,287           |
| Shelby        | 1,744                     | 1,958         | 1,753           | 1,926          | 2,010            | 2,822           |
| Sioux         | 984                       | 2,062         | 1,350           | 2,641          | 1,809            | 3,025           |
| Story         | 665                       | 2,663         | 571             | 2,508          | 1,343            | 4,032           |
| Tama          | 2,422                     | 2,693         | 2,239           | 2,742          | 2,737            | 2,990           |
| Taylor        | 1,201                     | 2,103         | 1,182           | 2,068          | 1,984            | 2,792           |
| Union         | 1,463                     | 1,977         | 1,551           | 1,975          | 2,218            | 2,464           |
| Van Buren     | 1,333                     | 1,937         | 1,506           | 2,041          | 1,892            | 2,547           |
| Wapello       | 3,139                     | 3,745         | 3,199           | 3,962          | 3,902            | 4,742           |
| Warren        | 1,093                     | 2,548         | 1,087           | 2,101          | 1,876            | 2,626           |
| Washington    | 1,542                     | 2,258         | 1,750           | 2,121          | 2,234            | 2,844           |
| Wayne         | 1,588                     | 1,981         | 1,642           | 2,022          | 1,998            | 2,293           |
| Webster       | 1,173                     | 2,582         | 1,581           | 3,073          | 2,266            | 4,221           |
| Winnebago     | 123                       | 1,503         | 132             | 1,078          | 474              | 2,052           |
| Winnesbick    | 1,436                     | 2,822         | 1,619           | 2,940          | 1,835            | 3,486           |
| Woodbury      | 2,166                     | 3,943         | 1,970           | 4,063          | 4,798            | 7,041           |
| Worth         | 261                       | 1,239         | 216             | 1,160          | 475              | 1,720           |
| Wright        | 592                       | 2,449         | 466             | 1,819          | 891              | 2,990           |
| Total         | 150011                    | 229225        | 143685          | 226829         | 209179           | 307785          |
| Plurality     |                           | 79,214        |                 | 83,154         |                  | 98,606          |
| Per cent.     |                           | 37.98         |                 | 36.80          |                  | 58.10           |
| Scattering    |                           | 16,176        |                 | 19,887         |                  | 11,836          |
| Whole vote    |                           | 395,412       |                 | 390,411        |                  | 530,800         |

The scattering vote for Secretary of State, 1902, was: Howard, Pro., 9,816; Jacobs, Soc., 6,360.

The scattering vote for Governor in 1901 was: Coates, Pro., 15,649; Baxter, Soc., 3,460; Weller, Peo., 778.

The scattering vote for President in 1900 was: Woolley, Pro., 9,479; Debs., Soc. D., 2,778; U. C., 707; Peo., 613; Soc. L., 259.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1902.

- Districts.
- Counties of Des Moines, Henry, Jefferson, Lee, Louisa, Van Buren, and Washington. J. F. Craig, Dem., 13,343; Thomas Hedge, Rep., 15,266; W. C. Shephard, Pro., 604; John Leitch, 301. Hedge's plurality, 1,923.
  - Counties of Clinton, Iowa, Jackson, Johnson, Muscatine, and Scott. M. J. Wade, Dem., 19,835; W. H. Hoffman, Rep., 18,657; Francis Bacon, Pro., 292; A. K. Gilford, Soc., 1,162. Wade's plurality, 1,158.
  - Counties of Blackhawk, Bremer, Buchanan, Butler, Delaware, Dubuque, Franklin, Hardin, and Wright. Horace Boies, Dem., 16,761; B. P. Birdsall, Rep., 22,300; J. A. Earle, Pro., 1,073; F. A. Lyneburner, Soc., 788; E. J. Dean, Ind., 16. Birdsall's plurality, 5,539.
  - Counties of Allamakee, Cerro Gordo, Chickasaw, Clayton, Fayette, Floyd, Howard, Mitchell, Winnesbick, and Worth. A. L. Sorter, Dem., 14,280; G. N. Haugen, Rep., 19,303; D. McGregor, Pro., 668; F. E. Machia, Soc., 168. Haugen's plurality, 5,023.

IOWA—Continued.

- V. Counties of Benton, Cedar, Grundy, Jones, Linn, Marshall, and Tama. A. C. Daly, Dem., 13,733; R. G. Cousins, Rep., 19,516; M. Smith, Pro., 993; A. C. Palmer, Soc., 231. Cousins' plurality, 5,783.
- VI. Counties of Davis, Jasper, Keokuk, Mahaska, Monroe, Poweshiek, and Wapello. J. P. Reese, Dem., 17,015; J. F. Lacey, Rep., 18,823; Frank Rice, Soc., 414; Soper, Pro., 542. Lacey's plurality, 1,813.
- VII. Counties of Dallas, Madison, Marion, Polk, Story, and Warren. Parley Sheldon, Dem., 9,914; J. A. T. Hull, Rep., 19,037; J. D. C. McPhorland, Pro., 1,270; W. F. Stouder, Soc., 665. Hull's plurality, 9,123.
- VIII. Counties of Adams, Appanoose, Clarke, Decatur, Fremont, Lucas, Page, Ringgold, Taylor, Union, and Wayne. T. M. Stuart, Dem., 14,796; W. P. Hepburn, Rep., 21,657. Hepburn's majority, 6,861.
- IX. Counties of Adair, Audubon, Cass, Guthrie, Harrison, Mills, Montgomery, Pottawatomie, and Shelby. Geo. W. Cullison, Dem., 13,639; Walter I. Smith, Rep., 20,997; A. D. Beckhart, Pro., 604. Smith's plurality, 7,358.
- X. Counties of Boone, Calhoun, Carroll, Crawford, Emmet, Greene, Hamilton, Hancock, Humboldt, Kossuth, Palo Alto, Pocahontas, Webster, and Winnebago. Kasper Flatinson, Dem., 12,822; J. P. Connor, Rep., 25,596; W. D. Elwell, Pro., 978; P. D. Swick, Soc., 510. Connor's plurality, 12,774.
- XI. Counties of Buena Vista, Cherokee, Clay, Dickinson, Ida, Lyon, Monona, O'Brien, Osceola, Plymouth, Sac, Sioux, and Woodbury. J. M. Parsons, Dem., 12,721; Lot Thomas, Rep., 21,854; J. W. Bennett, Soc., 471. Thomas' plurality, 9,138.

PRESENT STATE GOVERNMENT.

Governor, Albert B. Cummins; Lieutenant-Governor, John Herriott; Secretary of State, Wm. B. Martin; Treasurer, Gilbert S. Gilbertson; Auditor, B. F. Carroll; Attorney-General, Charles W. Mullan; Superintendent of Education, Richard C. Barrett; Adjutant-General, Melvin H. Byers—all Republicans.

JUDICIARY.

Supreme Court: Chief Justice, C. A. Bishop, Scott M. Ladd, Rep.; Judges, E. McClain, Rep.; H. E. Deemer, Rep.; J. C. Sherwin, Rep.; S. M. Weaver, Clerk, John Crockett, Rep.

STATE LEGISLATURE, 1903.

|                      | Senate. | House. | Joint Ballot. |
|----------------------|---------|--------|---------------|
| Republicans.....     | 39      | 84     | 123           |
| Democrats.....       | 11      | 16     | 27            |
| Republican majority. | 28      | 68     | 96            |

VOTE OF THE STATE SINCE 1872.

|                      | Dem.      | Rep.    | Gr.     | Pro.   | Plu.      |
|----------------------|-----------|---------|---------|--------|-----------|
| 1872. Pres.....      | 71,134    | 131,173 | .....   | .....  | *60,039 R |
| 1876. Pres.....      | 112,121   | 171,532 | 9,400   | .....  | 49,721 R  |
| 1880. Pres.....      | 105,845   | 183,904 | 32,327  | .....  | 78,059 R  |
| 1884. Pres.....      | 117,316   | 197,089 | .....   | 1,472  | 19,773 R  |
| 1888. Pres.....      | 179,887   | 211,598 | 9,105   | 3,560  | 31,711 R  |
|                      |           |         | Pop.    |        |           |
| 1892. Pres.....      | 196,367   | 219,795 | 20,595  | 6,402  | 23,428 R  |
| 1895. Gov.....       | 149,433   | 208,639 | 32,118  | 11,052 | 59,256 R  |
|                      | D. & Pop. |         |         |        |           |
| 1896. Sec.State..... | 224,812   | 298,715 | .....   | 3,533  | 63,903 R  |
| 1896. Pres.....      | 223,741   | 289,293 | 4,516   | 3,192  | 65,552 R  |
| 1897. Gov.....       | 194,514   | 224,501 | 4,263   | 8,387  | 29,987 R  |
|                      |           |         | Pop.    |        |           |
| 1898. Sec.State..... | 173,000   | 226,524 | 3,472   | 7,559  | 63,524 R  |
| 1899. Gov.....       | 183,326   | 239,543 | 1,894   | 7,650  | 56,217 R  |
|                      |           |         | Sec. D. |        |           |
| 1900. Pres.....      | 209,466   | 307,785 | 2,778   | 9,479  | 98,606 R  |
| 1901. Gov.....       | 143,685   | 226,839 | 3,460   | 16,649 | 83,154 R  |
|                      |           |         | Sec.    |        |           |
| 1902. Sec.State..... | 150,011   | 229,225 | 6,360   | 9,816  | 79,214 R  |

\* Majority. † Democratic and G' back Fusion vote.

KANSAS.

| COUNTIES.<br>(106.) | GOVERNOR,<br>1902. |                 | PRESIDENT,<br>1900. |                   | Woolley,<br>Pro. |
|---------------------|--------------------|-----------------|---------------------|-------------------|------------------|
|                     | Craddock,<br>Dem.  | Bayley,<br>Rep. | Bryan,<br>Dem.      | McKinley,<br>Rep. |                  |
| Allen.....          | 1,639              | 2,721           | 2,073               | 2,680             | 49               |
| Anderson.....       | 1,431              | 1,622           | 1,757               | 1,846             | 52               |
| Atchison.....       | 2,025              | 3,002           | 2,682               | 3,390             | 24               |
| Barber.....         | 639                | 757             | 783                 | 862               | 21               |
| Barton.....         | 1,505              | 1,377           | 1,772               | 1,564             | 21               |
| Bourbon.....        | 1,884              | 2,561           | 2,799               | 3,024             | 31               |
| Brown.....          | 1,574              | 2,650           | 2,937               | 3,137             | 50               |
| Butler.....         | 2,601              | 2,530           | 2,752               | 2,947             | 93               |
| Chase.....          | 741                | 947             | 956                 | 1,084             | 24               |
| Chautauqua.....     | 910                | 1,427           | 1,280               | 1,618             | 15               |
| Cherokee.....       | 3,230              | 3,355           | 5,302               | 4,478             | 55               |
| Cheyenne.....       | 244                | 325             | 286                 | 348               | 5                |
| Clark.....          | 188                | 203             | 199                 | 201               | 8                |
| Clay.....           | 1,389              | 1,579           | 1,826               | 2,001             | 56               |
| Cloud.....          | 1,214              | 1,995           | 2,045               | 2,315             | 59               |
| Coffey.....         | 1,541              | 1,900           | 2,066               | 2,159             | 48               |
| Comanche.....       | 151                | 232             | 194                 | 249               | 8                |
| Cowley.....         | 2,322              | 3,005           | 3,436               | 3,679             | 138              |
| Crawford.....       | 3,214              | 4,114           | 4,824               | 4,722             | 48               |
| Decatur.....        | 877                | 757             | 1,158               | 848               | 12               |
| Dickinson.....      | 1,708              | 2,238           | 2,352               | 2,771             | 47               |
| Doniphan.....       | 704                | 1,788           | 1,244               | 2,464             | 12               |
| Douglas.....        | 1,168              | 2,384           | 2,333               | 3,453             | 96               |
| Edwards.....        | 514                | 555             | 502                 | 533               | 14               |
| Ellis.....          | 1,950              | 1,327           | 1,311               | 1,832             | 7                |
| Elsa.....           | 1,132              | 639             | 1,228               | 697               | 9                |
| Ellsworth.....      | 790                | 1,125           | 1,006               | 1,333             | 12               |
| Finney.....         | 259                | 465             | 336                 | 525               | 7                |
| Ford.....           | 549                | 782             | 610                 | 653               | 24               |
| Franklin.....       | 1,941              | 2,491           | 2,605               | 2,842             | 82               |
| Garfield.....       |                    |                 |                     |                   |                  |
| Geary.....          | 795                | 1,013           | 1,009               | 1,240             | 11               |
| Gove.....           | 203                | 402             | 253                 | 368               | 3                |
| Graham.....         | 580                | 663             | 694                 | 561               | 12               |
| Grant.....          | 48                 | 64              | 53                  | 58                | 1                |
| Gray.....           | 143                | 213             | 145                 | 188               | 2                |
| Greeley.....        | 12                 | 106             | 36                  | 118               | 2                |
| Greenwood.....      | 1,460              | 1,945           | 1,917               | 2,204             | 11               |
| Hamilton.....       | 170                | 189             | 194                 | 182               | 17               |
| Harper.....         | 898                | 1,115           | 1,261               | 1,190             | 66               |
| Harvey.....         | 957                | 1,817           | 1,658               | 2,266             | 58               |
| Haskell.....        | 39                 | 87              | 44                  | 79                |                  |
| Hodgeman.....       | 262                | 348             | 245                 | 323               | 6                |
| Jack.....           | 1,128              | 1,913           | 1,745               | 2,291             | 39               |
| Jefferson.....      | 1,389              | 1,979           | 1,912               | 2,374             | 44               |
| Jewell.....         | 1,616              | 1,999           | 2,192               | 2,446             | 67               |
| Johnson.....        | 1,821              | 2,102           | 2,171               | 2,393             | 28               |
| Kearny.....         | 130                | 174             | 137                 | 164               | 3                |
| Kingman.....        | 951                | 1,143           | 1,183               | 1,296             | 40               |
| Klowa.....          | 297                | 355             | 293                 | 322               | 10               |
| Labette.....        | 2,425              | 2,974           | 3,425               | 3,319             | 43               |
| Lane.....           | 202                | 290             | 172                 | 239               | 12               |
| Leavenworth.....    | 3,157              | 3,519           | 4,109               | 4,162             | 49               |
| Lincoln.....        | 978                | 962             | 1,250               | 2,279             | 27               |
| Linn.....           | 1,595              | 1,853           | 1,057               | 2,279             | 27               |
| Logan.....          | 166                | 337             | 176                 | 319               | 9                |
| Lyon.....           | 2,162              | 2,536           | 2,865               | 3,483             | 113              |
| Marion.....         | 955                | 2,037           | 1,729               | 2,623             | 38               |
| Marshall.....       | 2,047              | 3,062           | 2,669               | 3,413             | 47               |
| McPherson.....      | 1,997              | 2,999           | 2,121               | 2,640             | 70               |
| Meade.....          | 176                | 276             | 209                 | 228               |                  |
| Miami.....          | 1,953              | 2,078           | 2,401               | 2,663             | 9                |
| Mitchell.....       | 1,220              | 1,406           | 1,702               | 1,764             | 54               |
| Montgomery.....     | 2,260              | 2,847           | 3,213               | 3,433             | 30               |
| Morris.....         | 1,161              | 1,460           | 1,326               | 1,650             | 9                |
| Morton.....         | 42                 | 51              | 34                  | 51                |                  |
| Neosho.....         | 1,766              | 2,386           | 1,348               | 2,761             | 49               |
| Neosho.....         | 1,770              | 2,068           | 2,279               | 2,424             | 23               |
| Ness.....           | 410                | 517             | 583                 | 511               | 32               |
| Norton.....         | 846                | 1,252           | 1,312               | 1,329             | 39               |
| Osage.....          | 1,637              | 2,698           | 2,901               | 3,128             | 68               |
| Osborne.....        | 835                | 1,348           | 1,239               | 1,555             | 62               |
| Ottawa.....         | 899                | 1,351           | 1,267               | 1,509             | 35               |
| Pawnee.....         | 676                | 741             | 737                 | 684               | 7                |
| Phillips.....       | 1,206              | 1,518           | 1,511               | 1,691             | 26               |
| Pottawatomie.....   | 1,466              | 2,115           | 1,929               | 2,556             | 39               |
| Pratt.....          | 611                | 872             | 816                 | 821               | 30               |

KANSAS—Continued.

| COUNTIES.       | GOVERNOR, 1902. |              | PRESIDENT, 1900. |                |               |
|-----------------|-----------------|--------------|------------------|----------------|---------------|
|                 | Craddock, Dem.  | Bailey, Rep. | Bryan, Dem.      | McKinley, Rep. | Woolley, Pro. |
| Rawlins.....    | 521             | 549          | 668              | 577            | 7             |
| Reno.....       | 1,958           | 3,145        | 2,857            | 3,769          | 76            |
| Republic.....   | 1,327           | 2,429        | 1,925            | 2,499          | 53            |
| Rice.....       | 2,023           | 1,745        | 1,527            | 2,013          | 130           |
| Riley.....      | 960             | 1,691        | 1,279            | 2,119          | 30            |
| Rooks.....      | 649             | 642          | 925              | 927            | 29            |
| Rush.....       | 678             | 659          | 717              | 681            | 6             |
| Russell.....    | 723             | 377          | 810              | 1,233          | 15            |
| Saline.....     | 1,668           | 1,976        | 2,199            | 2,245          | 39            |
| Scott.....      | 137             | 167          | 159              | 128            | 3             |
| Sedgwick.....   | 3,536           | 5,155        | 5,144            | 5,363          | 155           |
| Seward.....     | 50              | 107          | 77               | 122            | 3             |
| Shawnee.....    | 2,642           | 6,248        | 4,875            | 7,667          | 127           |
| Sheridan.....   | 323             | 465          | 499              | 445            | 10            |
| Sherman.....    | 269             | 373          | 418              | 380            | 5             |
| Smith.....      | 1,390           | 1,622        | 1,978            | 1,770          | 65            |
| Stafford.....   | 859             | 997          | 1,139            | 1,055          | 54            |
| Stanton.....    | 29              | 55           | 36               | 50             | 1             |
| Stevens.....    | 73              | 100          | 89               | 66             | 1             |
| Sumner.....     | 1,922           | 2,480        | 2,982            | 3,184          | 106           |
| Thomas.....     | 419             | 413          | 551              | 404            | 4             |
| Trego.....      | 336             | 395          | 361              | 360            | 21            |
| Waubensee.....  | 698             | 1,432        | 1,263            | 1,793          | 28            |
| Wallace.....    | 85              | 229          | 102              | 212            | 6             |
| Washington..... | 1,638           | 2,259        | 2,252            | 2,960          | 47            |
| Wichita.....    | 99              | 211          | 128              | 201            | ..            |
| Wilson.....     | 1,406           | 1,733        | 1,761            | 2,193          | 17            |
| Woodson.....    | 738             | 1,227        | 1,115            | 1,418          | 16            |
| Wyandotte.....  | 5,563           | 6,298        | 7,204            | 8,133          | 77            |
| Total.....      | 117148          | 159242       | 162601           | 185955         | 3,605         |
| Plurality.....  |                 | 42,094       |                  | 23,354         |               |
| Per cent.....   | 40.83           | 55.46        | 45.98            | 52.58          | 1.02          |
| Scattering..... |                 | 10,778       |                  | 1,605          |               |
| Whole vote..... |                 | 287,168      |                  | 353,766        |               |

For Governor in 1902, Emerson, Pro., received 6 065 votes; McAlister, Soc., 4,078; Lathrop, Pop., 625. The scattering vote for President in 1900 was: For Debs, Soc. Dem.; Malloney, Soc. L., and Ellis, U. Ref.

The vote for Governor in 1900 was: John W. Breidenthal, Fus., 164,794; W. E. Stanley, Rep., 181,893; Frank Hollinger, Pro., 2,662; G. C. Clemens, Soc. Dem., 1,258.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1902. At Large—J. D. Bolkin, Fus., 115,342; Charles F. Scott, Rep., 158,307; W. H. Ranson, Pro., 3,744; S. B. Bloomfield, Pop., 594; Louis Matigan, Soc., 3,984. Scott's plurality, 42,965.

Districts.

I. Counties of Atchison, Brown, Doniphan, Jackson, Jefferson, Leavenworth, Nemaha, and Shawnee. John E. Wagner, Dem., 13,774; Charles Curtis, Rep., 25,984; C. D. Harmon, Soc., 453. Curtis' plurality, 10,150.

II. Counties of Allen, Anderson, Bourbon, Douglas, Franklin, Johnson, Lin, Miami, and Wyandotte. Noah L. Bowman, Fus., 19,350; J. D. Bowersock, Rep., 23,608; F. A. Byrne, Soc., 723. Bowersock's plurality, 4,358.

III. Counties of Chautauqua, Cherokee, Cowley, Crawford, Elk, Labette, Montgomery, Neosho, and Wilson. A. M. Jackson, Dem., 18,690; Phil. P. Campbell, Rep., 22,753; W. B. Morgan, Soc., 941. Campbell's plurality, 4,063.

IV. Counties of Butler, Chase, Coffey, Greenwood, Lyon, Marion, Morris, Osage, Pottawatomie, Waubensee, and Woodson. Thomas H. Grisham, Dem., 14,261; J. M. Miller, Rep., 19,808; C. C. Roife, Soc., 267. Miller's plurality, 5,447.

V. Counties of Clay, Cloud, Geary, Dickinson, Marshall, Ottawa, Republic, Riley, Saline, and Washington. Andrew Shearer, Dem., 13,930; W. A. Calderhead, Rep., 18,921; Gus Eakwall, Soc., 623. Calderhead's plurality, 5,001.

KANSAS—Continued.

VI. C. M. Cole, Dem., 15,832; W. A. Reeder, Rep., 18,300; E. M. Wood, Soc., 396. Wood's plurality, 2,468.

VII. Vernon J. Rose, Dem, 22,300; Chester I. Long, Rep., 30,123; C. Beshar, Soc., 614. Long's plurality, 7,823.

PRESENT STATE GOVERNMENT.

Governor, W. J. Bailey; Lieutenant-Governor, D. J. Hanna; Secretary of State, J. R. Burrow; Treasurer, T. T. Kelly; Auditor, Seth G. Wells; Attorney-General, C. C. Coleman; Superintendent of Education, T. L. Dayhoff; Commissioner of Agriculture, F. D. Coburn; Adjutant-General, M. Fox; Superintendent of Insurance, C. H. Lulling—all Republicans.

JUDICIARY.

Supreme Court: Chief Justice, Wm. A. Johnson, Rep.; Associate Justices, Wm. R. Smith, Rep., and E. W. Cunningham, Rep.; Clerk, D. A. Valentine, Rep.

STATE LEGISLATURE, 1903.

|                      | Senate. | House. | Joint Ballot. |
|----------------------|---------|--------|---------------|
| Republicans.....     | 33      | 95     | 128           |
| Democrats.....       | 2       | 30     | 32            |
| Populists.....       | 5       | ...    | 5             |
| Republican majority. | 26      | 65     | 91            |

VOTE OF THE STATE SINCE 1872.

|                      | Dem.    | Rep.    | Gr.     | Pro.  | Plu.      |
|----------------------|---------|---------|---------|-------|-----------|
| 1872. President..... | 32,970  | 66,805  | ...     | ...   | *33,824 R |
| 1876. President..... | 37,002  | 78,392  | 7,770   | ...   | 40,190 R  |
| 1880. President..... | 59,789  | 191,520 | 19,710  | ...   | 61,731 R  |
| 1882. Governor.....  | 83,237  | 15,158  | 20,969  | ...   | 8,079 D   |
| 1884. President..... | 90,132  | 154,406 | 16,341  | 4,954 | 64,274 R  |
| 1886. Governor.....  | 115,697 | 149,615 | ...     | 8,094 | 33,918 R  |
| 1888. President..... | 102,745 | 182,904 | 37,788  | 6,779 | 80,159 R  |
| 1890. Governor.....  | 71,357  | 115,025 | 106,972 | 1,230 | 8,053 R   |
| 1892. President..... | 157,237 | 163,111 | 4,529   | 5,874 | 1 P       |
| 1894. Governor.....  | 26,709  | 148,697 | 118,329 | 5,496 | 30,368 R  |
| 1896. President..... | 171,810 | 159,541 | 1,209   | 1,921 | 12,269 D  |
| 1898. Governor.....  | 134,158 | 148,292 | 642     | 1,092 | 15,134 R  |
| 1900. Governor.....  | 164,794 | 181,893 | ...     | 2,662 | 17,099 R  |
| 1900. President..... | 162,601 | 185,955 | 1,258   | 3,605 | 23,354 R  |
| 1902. Governor.....  | 117,148 | 159,242 | 4,98    | 6,065 | 42,094 R  |

\* Majority.

KENTUCKY.

| COUNTIES. (119.)  | PRESIDENT, 1900.   |                |               |                    | PRESIDENT, 1896. |                |
|-------------------|--------------------|----------------|---------------|--------------------|------------------|----------------|
|                   | Bryan, Dem. & Pop. | McKinley, Rep. | Woolley, Pro. | Barker, M. R. Pop. | Bryan, Dem.      | McKinley, Rep. |
| Adair.....        | 1,452              | 1,713          | 18            | 5                  | 1,945            | 1,612          |
| Allen.....        | 1,494              | 1,725          | 22            | 26                 | 1,460            | 1,595          |
| Anderson.....     | 1,485              | 1,148          | 15            | 6                  | 1,286            | 1,151          |
| Ballard.....      | 1,877              | 670            | 12            | 17                 | 1,070            | 495            |
| Barren.....       | 3,170              | 2,234          | 40            | 38                 | 3,006            | 2,092          |
| Bath.....         | 1,836              | 1,654          | 15            | 11                 | 1,791            | 1,579          |
| Bell.....         | 748                | 2,142          | 18            | 1                  | 615              | 1,900          |
| Boone.....        | 2,302              | 759            | 12            | 1                  | 2,317            | 781            |
| Bourbon.....      | 2,411              | 2,217          | 29            | 94                 | 2,210            | 2,578          |
| Boyd.....         | 1,514              | 1,995          | 18            | 5                  | 1,241            | 2,097          |
| Boyle.....        | 1,577              | 1,646          | 41            | 8                  | 1,266            | 1,687          |
| Bracken.....      | 1,869              | 1,318          | 21            | 5                  | 1,762            | 1,226          |
| Breathitt.....    | 1,573              | 850            | 9             | ...                | 1,204            | 776            |
| Breckinridge..... | 2,231              | 2,534          | 26            | 46                 | 2,202            | 2,276          |
| Bullitt.....      | 1,442              | 772            | 11            | 3                  | 1,168            | 799            |
| Butler.....       | 1,131              | 2,333          | 31            | 16                 | 1,139            | 1,907          |
| Caldwell.....     | 1,475              | 1,622          | 15            | 50                 | 1,530            | 1,544          |
| Calloway.....     | 2,876              | 844            | 20            | 44                 | 2,572            | 561            |
| Campbell.....     | 5,141              | 5,567          | 68            | 6                  | 4,304            | 5,821          |
| Carlisle.....     | 1,587              | 533            | 37            | 11                 | 1,624            | 380            |
| Carroll.....      | 1,808              | 749            | 26            | 1                  | 1,778            | 685            |
| Carter.....       | 1,720              | 2,452          | 16            | 7                  | 1,665            | 2,440          |
| Casey.....        | 1,302              | 1,786          | 15            | 5                  | 1,061            | 1,843          |
| Christian.....    | 3,264              | 4,473          | 28            | 19                 | 3,145            | 4,525          |
| Clark.....        | 2,302              | 1,930          | 22            | 5                  | 2,055            | 2,032          |

KENTUCKY—Continued.

| COUNTIES.       | PRESIDENT, 1900. |                 |                |                   | PRESIDENT, 1896. |                 |
|-----------------|------------------|-----------------|----------------|-------------------|------------------|-----------------|
|                 | Bryan, Dem.      | Mc-Kinley R.-p. | Wool-ley, Pro. | Barker M. R. Pop. | Bryan, Dem.      | Mc-Kinley R.-p. |
| Clay.....       | 681              | 1,948           | 9              | 8                 | 707              | 1,725           |
| Clinton.....    | 414              | 1,107           | 4              | 5                 | 360              | 1,004           |
| Crittenden..... | 1,517            | 1,865           | 23             | 26                | 1,576            | 1,574           |
| Cumberland..... | 660              | 1,241           | 14             | 5                 | 621              | 1,154           |
| Daviess.....    | 4,910            | 3,738           | 150            | 69                | 4,952            | 3,105           |
| Edmonson.....   | 914              | 1,156           | 6              | 8                 | 863              | 952             |
| Elliott.....    | 1,367            | 624             | 2              | 2                 | 1,294            | 577             |
| Estill.....     | 1,000            | 1,329           | 17             | 31                | 929              | 1,153           |
| Fayette.....    | 4,293            | 5,302           | 67             | 11                | 3,998            | 5,143           |
| Fleming.....    | 2,180            | 2,109           | 40             | 1                 | 2,013            | 1,955           |
| Floyd.....      | 1,615            | 1,197           | 9              | 2                 | 1,410            | 1,057           |
| Franklin.....   | 2,946            | 1,863           | 17             | 12                | 2,465            | 2,175           |
| Fulton.....     | 1,487            | 581             | 22             | 3                 | 1,414            | 603             |
| Gallatin.....   | 1,018            | 404             | 7              | 4                 | 933              | 396             |
| Garrard.....    | 1,312            | 1,592           | 34             | 4                 | 1,171            | 1,595           |
| Grant.....      | 2,039            | 1,465           | 22             | 2                 | 1,852            | 1,417           |
| Graves.....     | 4,759            | 2,073           | 40             | 82                | 4,689            | 1,628           |
| Grayson.....    | 1,938            | 2,213           | 9              | 89                | 2,002            | 1,874           |
| Green.....      | 1,243            | 1,389           | 10             | 9                 | 1,142            | 1,389           |
| Greenup.....    | 1,430            | 1,982           | 27             | 10                | 1,339            | 1,802           |
| Hancock.....    | 999              | 1,113           | 20             | 16                | 1,080            | 1,026           |
| Hardin.....     | 3,059            | 2,053           | 42             | 46                | 2,848            | 1,885           |
| Harlan.....     | 2,801            | 1,577           | 3              | 2                 | 216              | 1,189           |
| Harrison.....   | 2,201            | 1,843           | 26             | 2                 | 2,690            | 1,705           |
| Hart.....       | 1,937            | 2,140           | 16             | 7                 | 1,951            | 1,999           |
| Henderson.....  | 3,937            | 2,865           | 66             | 16                | 4,000            | 2,750           |
| Henry.....      | 2,366            | 1,609           | 26             | 13                | 2,115            | 1,711           |
| Hickman.....    | 1,866            | 862             | 28             | 16                | 1,928            | 727             |
| Hopkins.....    | 3,321            | 3,024           | 82             | 75                | 3,470            | 2,490           |
| Jackson.....    | 258              | 1,770           | 2              | 4                 | 199              | 1,517           |
| Jefferson.....  | 21,107           | 24,906          | 169            | 45                | 15,707           | 29,107          |
| Jessamine.....  | 1,535            | 1,326           | 80             | 4                 | 1,428            | 1,343           |
| Johnson.....    | 1,055            | 1,897           | 5              | 14                | 975              | 1,794           |
| Kenton.....     | 7,233            | 5,650           | 83             | 5                 | 7,008            | 6,165           |
| Knox.....       | 1,015            | 429             | 1              | 2                 | 795              | 404             |
| Knott.....      | 967              | 2,606           | 5              | 8                 | 833              | 2,237           |
| Larue.....      | 1,420            | 1,036           | 8              | 6                 | 1,324            | 955             |
| Laurel.....     | 1,198            | 2,241           | 17             | 13                | 969              | 1,921           |
| Lawrence.....   | 1,946            | 2,052           | 11             | 3                 | 1,820            | 1,966           |
| Lee.....        | 637              | 857             | 12             | 1                 | 587              | 881             |
| Leslie.....     | 110              | 1,186           | 2              | 1                 | 81               | 913             |
| Letcher.....    | 501              | 1,065           | 3              | 20                | 388              | 813             |
| Lewis.....      | 1,482            | 1,315           | 37             | 4                 | 1,433            | 2,348           |
| Lincoln.....    | 1,871            | 2,921           | 16             | 16                | 1,628            | 1,833           |
| Livingston..... | 1,515            | 905             | 10             | 91                | 1,346            | 872             |
| Logan.....      | 3,392            | 2,624           | 28             | 31                | 3,266            | 2,484           |
| Lyon.....       | 1,005            | 789             | 13             | 9                 | 969              | 763             |
| Madison.....    | 3,046            | 3,084           | 54             | 1                 | 2,756            | 3,100           |
| Magoffin.....   | 955              | 1,321           | 5              | 6                 | 833              | 1,148           |
| Marion.....     | 2,070            | 1,491           | 13             | 114               | 1,873            | 1,575           |
| Marshall.....   | 1,594            | 997             | 29             | 3                 | 1,926            | 568             |
| Martin.....     | 246              | 812             | 4              | 7                 | 237              | 730             |
| Mason.....      | 2,952            | 2,455           | 30             | 4                 | 2,698            | 2,575           |
| McCracken.....  | 3,020            | 2,506           | 56             | 34                | 2,955            | 2,284           |
| McLean.....     | 1,463            | 1,344           | 28             | 16                | 1,389            | 935             |
| Meade.....      | 1,470            | 919             | 7              | 4                 | 1,519            | 781             |
| Menifee.....    | 845              | 470             | 3              | 24                | 636              | 359             |
| Mercer.....     | 1,784            | 1,775           | 43             | 8                 | 1,745            | 1,765           |
| Metcalfe.....   | 1,050            | 1,162           | 7              | 19                | 908              | 1,153           |
| Monroe.....     | 897              | 1,724           | 9              | 1                 | 794              | 1,613           |
| Montgomery..... | 1,589            | 1,533           | 15             | 4                 | 1,609            | 1,484           |
| Morgan.....     | 1,732            | 1,063           | 2              | 20                | 1,642            | 910             |
| Muhlenberg..... | 1,877            | 1,493           | 28             | 8                 | 1,700            | 2,217           |
| Nelson.....     | 2,428            | 1,407           | 1              | 1                 | 2,223            | 1,446           |
| Nicholas.....   | 1,879            | 1,282           | 127            | 55                | 1,878            | 1,159           |
| Ohio.....       | 2,891            | 3,251           | 45             | 3                 | 2,679            | 2,653           |
| Oldham.....     | 1,062            | 667             | 18             | 10                | 946              | 691             |
| Owen.....       | 3,880            | 1,124           | 33             | 3                 | 3,773            | 1,086           |
| Owsley.....     | 255              | 1,115           | 3              | 9                 | 197              | 983             |
| Pendleton.....  | 1,862            | 1,580           | 34             | 1                 | 1,939            | 1,585           |
| Perry.....      | 467              | 1,019           | 4              | 6                 | 340              | 824             |
| Pike.....       | 1,979            | 2,290           | 21             | 4                 | 1,900            | 2,141           |
| Powell.....     | 788              | 696             | 8              | 18                | 688              | 625             |
| Pulaski.....    | 2,178            | 4,084           | 31             | 2                 | 2,099            | 3,668           |
| Robertson.....  | 718              | 494             | 9              | 3                 | 666              | 449             |
| Rockcastle..... | 1,010            | 1,637           | 8              | 2                 | 846              | 1,480           |
| Rowan.....      | 790              | 905             | 7              | 1                 | 650              | 767             |
| Russell.....    | 780              | 1,206           | 7              | 5                 | 612              | 1,028           |
| Scott.....      | 2,539            | 2,107           | 35             | 1                 | 2,237            | 2,111           |

KENTUCKY—Continued.

| COUNTIES.       | PRESIDENT, 1900. |                |                |                   | PRESIDENT, 1896. |                |
|-----------------|------------------|----------------|----------------|-------------------|------------------|----------------|
|                 | Bryan, Dem.      | Mc-Kinley Rep. | Wool-ley, Pro. | Barker M. R. Pop. | Bryan, Dem.      | Mc-Kinley Rep. |
| Snelby.....     | 2,794            | 1,975          | ..             | ..                | 2,524            | 2,029          |
| Simpson.....    | 1,571            | 866            | 34             | 21                | 1,531            | 888            |
| Spencer.....    | 1,174            | 582            | 4              | 2                 | 969              | 596            |
| Taylor.....     | 1,286            | 1,131          | 21             | 27                | 1,166            | 1,050          |
| Todd.....       | 1,868            | 1,825          | 17             | 15                | 1,707            | 1,793          |
| Trigg.....      | 1,533            | 1,455          | 12             | 74                | 1,633            | 1,295          |
| Trimble.....    | 1,437            | 437            | 14             | 2                 | 1,267            | 418            |
| Union.....      | 3,104            | 1,437          | 29             | 30                | 3,183            | 1,249          |
| Warren.....     | 3,455            | 2,928          | 41             | 26                | 3,716            | 2,866          |
| Washington..... | 1,669            | 1,600          | 17             | 12                | 1,536            | 1,573          |
| Wayne.....      | 1,373            | 1,574          | 6              | 6                 | 1,190            | 1,413          |
| Webster.....    | 2,481            | 1,894          | 37             | 39                | 2,471            | 1,494          |
| Whitley.....    | 989              | 3,634          | 27             | 5                 | 862              | 3,130          |
| Wolfe.....      | 959              | 712            | 6              | 6                 | 981              | 583            |
| Woodford.....   | 1,712            | 1,617          | 24             | 3                 | 1,546            | 1,665          |
| Total.....      | 235103           | 227128         | 3,780          | 1,861             | 217890           | 218171         |
| Plurality.....  | 7,975            |                |                |                   |                  | 281            |
| Per cent.....   | 50.25            | 48.43          | 0.82           | 0.40              | 48.87            | 48.92          |
| Scattering..... |                  | 1,016          |                |                   | 9,995            |                |
| Whole vote..... |                  | 468,888        |                |                   | 445,775          |                |

The scattering vote for President in 1900 was: Debs, Soc. Dem., 646; Mailoney, Soc. L., 390.  
The scattering vote for President in 1896 was: Palmer, Nat. Dem., 5,114; Levering, Pro., 4,781. W. B. Smith, Democratic Elector, was elected.

In the vote for Governor in 1899 the returns showed Taylor elected. After taking his seat, and Goebel, Democratic candidate, having been assassinated, the Legislature unelected Taylor and seated Beckham, Democratic candidate for Lieutenant-Governor.

VOTE FOR STATE OFFICERS, 1900.

For Governor, J. C. W. Beckham, Dem., 230,273; John W. Yerkes, Rep., 226,755. Beckham's majority, 3,518.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1902.

- Districts.*
- I. Counties of Ballard, Caldwell, Calloway, Carlisle, Crittenden, Fulton, Graves, Hickman, Livingston, Lyon, Marshall, McCracken, and Trigg. O. M. James, Dem., 12,781; C. H. Linn, Rep., 5,474; J. S. Kirkpatrick, Pro., 955. James' plurality, 7,307.
  - II. Counties of Christian, Daviess, Hancock, Henderson, Hopkins, McLean, Union, and Webster. A. O. Stanley, Dem., 15,522; R. W. Slack, Rep., 11,675; F. W. Cooper, Pro., 458. Stanley's plurality, 3,847.
  - III. Counties of Allen, Barren, Butler, Edmonson, Logan, Metcalfe, Monroe, Muhlenberg, Simpson, Todd, and Warren. John S. Rhea, Dem., 16,820; McKenzie Moss, Rep., 16,056; G. W. Milliken, Pro., 826. Rhea's plurality, 764.
  - IV. Counties of Breckinridge, Bullitt, Grayson, Green, Hardin, Hart, Larue, Marion, Meade, Nelson, Ohio, Taylor, and Washington. D. H. Smith, Dem., 14,114; J. A. Barrall, Pro., 881; scattering, 165. Smith's plurality, 13,233.
  - V. County of Jefferson. Swager, Rep., 17,896; H. S. Irwin, Rep., 15,892; J. M. Tid-dings, Pro., 312; J. H. Arnold, Soc., 278; F. B. Markert, Ind., 213; J. D. Bradburn, Labor, 1,187. Swager's plurality, 2,004.
  - VI. Counties of Boone, Campbell, Carroll, Gallatin, Grant, Kenton, Pendleton, and Trimble. D. L. Gooch, Dem., 13,987; L. T. Applegate, Rep., 10,370; J. Eckler, Pro., 267; G. L. Brell, Soc., 1,683; Jos. Hermes, Ind., 260. Gooch's plurality, 3,617.
  - VII. Counties of Bourbon, Fayette, Franklin, Henry, Oldham, Owen, Scott, and Wood-ford. South Trimble, Dem., 12,093; W. L. Carmon, Rep., 7,339; J. W. Zachery, Pro., 461. Trimble's plurality, 4,754.
  - VIII. Counties of Anderson, Boyle, Garrard, Jes-samine, Lincoln, Madison, Mercer, Rockcas-tle, Shelby, and Spencer. G. G. Gilbert, Dem., 13,531; Lawson Sumral, Rep., 11,458; Wm. Lowen, Pro., 435. Gilbert's plurality, 2,073.

KENTUCKY—Continued.

IX. Counties of Bracken, Bath, Boyd, Carter, Fleming, Greenup, Harrison, Lewis, Lawrence, Mason, Nicholas, Robertson, and Rowan. J. N. Kehoe, Dem., 20,823; W. H. Castner, Rep., 18,587; D. M. Dillon, Pro., 403. Kehoe's plurality, 2,236.

X. Counties of Breathitt, Clark, Elliott, Estill, Floyd, Johnson, Knott, Lee, Martin, Magoffin, Montgomery, Morgan, Menifee, Pike, Powell, and Wolfe. F. A. Hopkins, Dem., 16,007; John G. White, Rep., 12,484; F. M. Long, Pro., 245. Hopkins' plurality, 3,523.

XI. Counties of Adair, Bell, Casey, Clay, Clinton, Harlan, Knox, Letcher, Leslie, Laurel, Metcalfe, Owsley, Perry, Pulaski, Russell, Wayne, and Whitley. J. P. Harrison, Dem., 5,128; V. Boreing, Rep., 13,141; W. S. Stone, Pro., 812. Boreing's plurality, 8,013.

PRESENT STATE GOVERNMENT.

Governor, J. C. W. Beckham; Lieutenant Governor, L. H. Carter; Secretary of State, C. B. Hill; Treasurer, S. W. Hager; Auditor, G. G. Coulter; Adjutant-General, D. B. Murray; Attorney-General, R. J. Breckinridge; Superintendent of Education, H. V. McChesney; Commissioner of Agriculture, I. B. Noll; Commissioner of Insurance, J. B. Chenault—all Democrats, ex. Atty.-Gen.

JUDICIARY

Court of Appeals: Chief Justice, A. R. Burnam, Dem.; Justices, W. E. Settle, Dem., T. H. Parker, Dem.; A. Rollins Burnam, Rep.; T. H. Paynter, Dem.; J. P. Hobson, Dem.; Ed. C. O'Rear, Rep.; Clerk, Samuel J. Shackelford, Dem.

STATE LEGISLATURE, 1902

|                     | Senate. House. Joint Ballot. |    |     |
|---------------------|------------------------------|----|-----|
| Democrats           | 26                           | 74 | 100 |
| Republicans         | 12                           | 26 | —   |
| Democratic majority | 14.                          | 48 | 62  |

VOTE OF THE STATE SINCE 1872.

|             | Dem.    | Rep.    | Gr. N.D. | Pro.   | Pts.      |
|-------------|---------|---------|----------|--------|-----------|
| 1872. Pres. | 100,212 | 88,816  | —        | —      | *11,396 D |
| 1876. Pres. | 159,690 | 97,156  | 1,944    | —      | 62,834 D  |
| 1880. Pres. | 147,999 | 104,550 | 11,498   | —      | 43,449 D  |
| 1884. Pres. | 152,961 | 118,763 | 1,693    | 3,139  | 34,198 D  |
| 1888. Pres. | 183,800 | 155,134 | 622      | 5,225  | 28,666 D  |
| 1892. Pres. | 175,461 | 135,441 | 23,500   | 6,442  | 40,020 D  |
| 1896. Pres. | 217,890 | 218,171 | 5,114    | 4,781  | 281 R     |
| 1899. Gov.† | 191,331 | 93,714  | 3,038    | 12,140 | 2,346     |
| 1900. Gov.  | 230,273 | 226,755 | —        | —      | *3,518 D  |
| 1900. Pres. | 235,103 | 227,128 | 1,861    | 3,780  | 7,975 D   |

\* Majority. † On Jan. 31, 1900, Wm. Goebel (Dem.) was sworn in as Governor, having been declared elected by the Legislature.

LOUISIANA—Continued.

| PARISHES.        | PRESIDENT, 1900. |                | PRESIDENT, 1896. |                |              |
|------------------|------------------|----------------|------------------|----------------|--------------|
|                  | Bryan, Dem.      | Mc-Kinley Rep. | Bryan, Dem.      | Mc-Kinley Rep. | Palmer, N.D. |
| Feliciana, East  | 554              | 20             | 1,548            | 15             | 9            |
| Feliciana, West  | 320              | 19             | 919              | 44             | 19           |
| Franklin         | 362              | 30             | 871              | 28             | 19           |
| Grant            | 350              | 156            | 780              | 123            | 13           |
| Iberia           | 1,080            | 668            | 939              | 391            | 11           |
| Jackson          | 674              | 371            | 358              | 600            | 18           |
| Jefferson        | 333              | 82             | 705              | 18             | 2            |
| Lafayette        | 1,292            | 59             | 1,393            | 352            | 9            |
| Lafourche        | 696              | 358            | 825              | 167            | 18           |
| Lincoln          | 1,230            | 828            | 1,129            | 386            | 12           |
| Livingston       | 399              | 61             | 1,241            | 40             | 25           |
| Madison          | 153              | 15             | 698              | 72             | 3            |
| Morehouse        | 461              | 5              | 1,248            | 96             | 12           |
| Natchitoches     | 845              | 113            | 853              | 46             | 7            |
| Orleans          | 18,168           | 4,546          | 1,066            | 28             | 9            |
| Ouachita         | 17,487           | 2,712          | 8,295            | 789            | —            |
| Plaquemines      | 567              | 115            | 5,022            | 540            | 11           |
| Pointe Coupee    | 586              | 92             | 773              | 410            | 24           |
| Rapides          | 1,420            | 319            | 2,600            | 142            | 37           |
| Red River        | 462              | 6              | 832              | 26             | 5            |
| Richland         | 304              | 13             | 706              | 61             | 11           |
| Sabine           | 543              | 52             | 1,469            | 36             | 6            |
| St. Bernard      | 398              | 46             | 569              | 66             | 11           |
| St. Charles      | 435              | 47             | 125              | 282            | 8            |
| St. Helena       | —                | —              | 522              | 59             | 43           |
| St. James        | 395              | 418            | 210              | 1,417          | 21           |
| St. John Baptist | 331              | 90             | 180              | 539            | 24           |
| St. Landry       | 1,297            | 239            | 1,786            | 242            | 7            |
| St. Martin       | 538              | 113            | 679              | 76             | 29           |
| St. Mary         | 818              | 606            | 591              | 580            | 93           |
| St. Tammany      | 515              | 159            | 636              | 317            | 32           |
| Tangipahoa       | 938              | 229            | 1,429            | 395            | 5            |
| Tensas           | 212              | 5              | 1,108            | 236            | 16           |
| Terrebonne       | 740              | 490            | 597              | 348            | 25           |
| Union            | 750              | 105            | 1,586            | 86             | 9            |
| Vermillion       | 625              | 371            | 702              | 196            | 5            |
| Vernon           | 522              | 261            | 697              | 35             | 12           |
| Washington       | 449              | 54             | 1,168            | 48             | 5            |
| Webster          | 604              | 9              | 774              | 97             | 26           |
| Winn             | 293              | 234            | 682              | 42             | 6            |
| Total            | 53,871           | 14,293         | 77,175           | 22,037         | 1,834        |
| Majority         | 39,438           | —              | —                | —              | —            |
| Plurality        | —                | —              | 55,138           | —              | —            |
| Per cent.        | 79.03            | 20.97          | 76.37            | 21.80          | 1.81         |
| Scattering       | —                | —              | —                | —              | —            |
| Whole vote       | 67,904           | —              | 101,046          | —              | —            |

VOTE FOR STATE OFFICERS, 1900.

The vote for Governor was: William W. Heard, Dem., 60,206; Eugene S. Reems, Rep., 2,449; Don. Caffery, Jr., M. R. Pop., 4,938; Don. Caffery, Jr., Rep. Fus., 9,277. Heard's majority, 43,542.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1902.

Districts.  
I. Parishes of Plaquemines and St. Bernard, and part of the city of New Orleans. Adolph Meyer, Dem., 3,910; O. S. Livandais, Rep., 866. Meyer's majority, 3,044.  
II. Parishes of Jefferson, St. Charles, St. John Baptist, and St. James, and part of the city of New Orleans. R. C. Davey, Dem., 5,014; R. E. Lee, Rep., 868. Davey's plurality, 4,146.  
III. Parishes of Assumption, Iberia, Lafayette, Lafourche, St. Martin, St. Mary, Terrebonne, and Vermillion. Robert F. Broussard, Dem., 2,725; Wm. E. Howell, Rep., 707. Broussard's majority, 2,018.  
IV. Parishes of Bienville, Bossier, Caddo, De Soto, Natchitoches, Red River, Sabine, Webster, and Winn. Phanor Brazeale, Dem., 2,567; S. M. Thomas, Rep., 156. Brazeale's majority, 2,411.

LOUISIANA.

| PARISHES. (59.)   | PRESIDENT, 1900. |                | PRESIDENT, 1896. |                |              |
|-------------------|------------------|----------------|------------------|----------------|--------------|
|                   | Bryan, Dem.      | Mc-Kinley Rep. | Bryan, Dem.      | Mc-Kinley Rep. | Palmer, N.D. |
| Acadia            | 577              | 247            | 1,082            | 284            | 11           |
| Ascension         | 824              | 638            | 737              | 722            | 43           |
| Assumption        | 584              | 507            | 344              | 1,070          | 40           |
| Avozelles         | 951              | 167            | 1,657            | 214            | 12           |
| Baton Rouge       | 837              | 149            | 1,412            | 595            | 58           |
| Baton Rouge, West | 185              | 35             | 237              | 279            | —            |
| Bienville         | 389              | 65             | 1,491            | 51             | 11           |
| Bossier           | 635              | 6              | 1,146            | 22             | 10           |
| Caddo             | 1,238            | 55             | 812              | 265            | 68           |
| Calcasieu         | 1,559            | 639            | 2,658            | 891            | 30           |
| Caldwell          | 293              | 68             | 610              | 26             | 3            |
| Cameron           | 185              | 72             | 254              | 37             | 6            |
| Carroll, East     | 176              | 8              | 235              | 185            | 24           |
| Carroll, West     | 173              | 2              | 537              | 1              | —            |
| Catahoula         | 526              | 144            | 811              | 74             | 3            |
| Claborne          | 885              | 34             | 1,757            | 53             | 24           |
| Concordia         | 362              | 17             | 1,085            | 80             | 7            |
| De Soto           | 923              | 17             | 1,940            | 153            | 26           |



LOUISIANA—Continued.

- V. Parishes of Caldwell, East Carroll, West Carroll, Catahoula, Claiborne, Concordia, Franklin, Jackson, Lincoln, Madison, Morehouse, Ouachita, Richland, Tensas, and Union. Joseph E. Randall, Dem., 2,945; H. B. Tallaferrro, Rep., 232. Randall's majority, 2,413.
- VI. Parishes of Baton Rouge, East, Baton Rouge, West; Feliciana, East; Feliciana, West; Livingston, Pointe Coupee, St. Helena, St. Tammany, Tangipahoa, and Washington. S. M. Robertson, Dem., 2,124; C. S. Hebert, Rep., 673. Robertson's majority, 1,451.
- VII. Parishes of Acadia, Ayoelles, Calcasieu, Cameron, Grant, Rapides, St. Landry, and Vernon. A. P. Pujot, Dem., 3,233; G. L. Dupree, Rep., 645. Pujot's majority, 2,688.

PRESENT STATE GOVERNMENT.

Governor, W. W. Heard; Lieutenant-Governor, Albert Estopinal; Secretary of State, J. T. Michel; Auditor, W. S. Frazer; Treasurer, L. E. Smith; Attorney-General, Walter Gaigne; Superintendent of Education, J. V. Cahoun—all Democrats.

JUDICIARY.

Supreme Court: Chief Justice, F. T. Nicholls; Associate Justices, Newton C. Blanchard, Jos. A. Breaux, Frank A. Monroe, O. O. Provosty; Clerk, T. McC. Hyman—all Democrats.

STATE LEGISLATURE, 1903.

Both Houses Democratic.

VOTE OF THE STATE SINCE 1872.

|                      | Dem.         |         | Maj.   |        |
|----------------------|--------------|---------|--------|--------|
|                      | Rep.         | Dem.    | Rep.   | Dem.   |
| 1872. President..... | 66,467       | 59,975  | 6,492  | D      |
| 1872. President..... | *57,029      | 71,634  | 14,605 | R      |
| 1876. President..... | 83,723       | 77,174  | 6,549  | D      |
| 1876. President..... | *70,508      | 75,315  | 4,807  | R      |
| 1880. President..... | 65,067       | 38,628  | 26,439 | D      |
| 1884. President..... | 62,829       | 46,347  | 16,482 | D      |
| 1888. President..... | 85,032       | 30,484  | 54,548 | D      |
|                      | Rep. F. A.   |         | Plu.   |        |
|                      | Fusion.      |         | Dem.   |        |
| 1892. Governor.....  | †126,009     | †40,135 | 8,502  | 85,874 |
| 1892. President..... | 87,922       | 26,563  | 61,359 | D      |
|                      | Fusion.      |         | Dem.   |        |
| 1896. Governor.....  | 116,216      | 90,138  | 26,078 | D      |
|                      | Rep. Nat. D. |         | Fus.   |        |
| 1896. President..... | 77,175       | 22,037  | 1,834  | 55,138 |
|                      | Fus.         |         | Dem.   |        |
| 1900. Governor.....  | 60,206       | 2,449   | 9,277  | 48,580 |
| 1900. President..... | 53,671       | 14,233  | 39,438 | D      |

\* Count of the Rep. Returning Board. † Combined Dem. vote. ‡ Combined Rep. vote.

MAINE.

| COUNTIES.<br>(16.) | GOVERNOR,<br>1902. |               |                | PRESIDENT,<br>1900.   |                       |                       |
|--------------------|--------------------|---------------|----------------|-----------------------|-----------------------|-----------------------|
|                    | Gould,<br>Dem.     | Hill,<br>Rep. | Bryan,<br>Dem. | Mc-<br>Kinley<br>Rep. | Wool-<br>ley,<br>Pro. | Debs,<br>Soe.<br>Dem. |
| Androscoggin.....  | 3,996              | 5,118         | 3,182          | 4,688                 | 203                   | 59                    |
| Aroostook.....     | 1,356              | 4,958         | 1,030          | 4,192                 | 280                   | 9                     |
| Cumberland.....    | 7,097              | 9,258         | 5,770          | 8,824                 | 357                   | 129                   |
| Franklin.....      | 886                | 1,914         | 1,085          | 2,255                 | 65                    | 129                   |
| Hancock.....       | 1,954              | 3,710         | 1,860          | 3,432                 | 69                    | 27                    |
| Kennebec.....      | 2,449              | 5,246         | 3,190          | 6,298                 | 259                   | 54                    |
| Knox.....          | 3,230              | 2,795         | 2,765          | 2,762                 | 74                    | 64                    |
| Lincoln.....       | 1,479              | 2,248         | 1,419          | 2,212                 | 48                    | 9                     |
| Oxford.....        | 1,532              | 3,521         | 2,023          | 3,912                 | 146                   | 13                    |
| Penobscot.....     | 3,724              | 6,913         | 3,615          | 6,873                 | 237                   | 36                    |
| Piscataquis.....   | 694                | 1,708         | 824            | 2,023                 | 146                   | 4                     |
| Sagadahoc.....     | 593                | 1,931         | 1,025          | 2,245                 | 192                   | 19                    |
| Somerset.....      | 2,100              | 3,695         | 1,948          | 3,727                 | 121                   | 292                   |
| Waldo.....         | 1,668              | 2,641         | 710            | 1,468                 | 65                    | 20                    |
| Washington.....    | 1,749              | 3,252         | 2,110          | 3,705                 | 110                   | 76                    |
| York.....          | 3,846              | 7,001         | 4,046          | 6,949                 | 235                   | 65                    |
| Total.....         | 38,349             | 65,839        | 36,822         | 65,485                | 2,585                 | 878                   |
| Plurality.....     |                    | 27,490        |                | 28,613                |                       |                       |
| Per cent.....      | 34.69              | 59.56         | 34.83          | 61.89                 | 2.44                  | 0.83                  |
| Scattering.....    |                    | 6,349         |                |                       |                       |                       |
| Whole vote.....    |                    | 110,537       |                | 105,720               |                       |                       |

For Governor in 1902 Ferrigno, Rep., received 4,376 votes; Fox, Soc., 1,973.

The vote for Governor, 1900, was: S. L. Lord, Dem., 39,823; J. F. Hill, Rep., 73,955; Grant Rogers, Pro., 3,538; N. W. Lermond, Soc. D., 632.

MAINE—Continued.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1902.

Districts.

- I. Counties of Cumberland and York. Seth C. Gordon, Dem., 10,097; Amos L. Allen, Rep., 16,293; F. E. Irish, Soc., 538. Allen's plurality, 6,135.
- II. Counties of Androscoggin, Franklin, Knox, Lincoln, Oxford, and Sagadahoc. Horatio G. Foss, Dem., 11,739; Charles E. Littlefield, Rep., 17,297; S. B. Martin, Soc., 707. Littlefield's plurality, 5,558.
- III. Counties of Hancock, Kennebec, Somerset, and Waldo. Elliott N. Benson, Dem., 8,032; Edwin C. Burleigh, Rep., 15,613; F. A. Mantu, Soc., 605. Burleigh's plurality, 7,581.
- IV. Counties of Aroostook, Penobscot, Piscataquis, and Washington. Thos. White, Dem., 7,765; Llewellyn Powers, Rep., 16,356; L. B. Merritt, Pro., 1,080; G. W. Saunders, Soc., 123. Powers' plurality, 8,591.

PRESENT STATE GOVERNMENT.

Governor, John F. Hill; Secretary of State, Byron Boyd; Treasurer, Oromandel Smith; Adjutant-General, A. B. Farnham; Attorney-General, George M. Seiders; Superintendent of Education, W. W. Stetson; Insurance Commissioner, S. W. Carr—all Republicans.

JUDICIARY.

Supreme Judicial Court: Chief Justice, Andrew P. Wiswell; Associate Justices, Lucilus A. Emery, Albert M. Spear, W. P. Whitehouse, Sewall C. Strout, Albert R. Savage, Frederick A. Powers, and Henry C. Peabody—all Republicans except Strout; Clerk of the Court at Augusta, W. S. Choate, Rep.

STATE LEGISLATURE, 1903.

|                     | Senate. | House. | Joint Ballot. |
|---------------------|---------|--------|---------------|
| Republicans.....    | 30      | 128    | 158           |
| Democrats.....      | 1       | 23     | 24            |
| Republican majority | 29      | 105    | 134           |

VOTE OF THE STATE SINCE 1872.

|                      | Dem.   |        | Gr. Pro. |       | Plu.    |
|----------------------|--------|--------|----------|-------|---------|
|                      | Rep.   | Dem.   | Rep.     | Dem.  | Dem.    |
| 1872. President..... | 29,087 | 61,422 | .....    | ..... | *32,335 |
| 1876. President..... | 49,823 | 66,300 | 663      | ..... | 16,477  |
|                      | Lab.   |        | Fop.     |       | Soc. D. |
| 1880. President..... | 65,171 | 74,039 | 4,408    | 235   | 8,868   |
| 1884. Governor.....  | 58,070 | 77,779 | 3,147    | 1,157 | 19,709  |
| 1884. President..... | 51,656 | 71,716 | 3,994    | 2,160 | 20,060  |
| 1886. Governor.....  | 56,242 | 68,393 | .....    | 3,873 | 12,651  |
|                      | Lab.   |        | Fop.     |       | Soc. D. |
| 1888. President..... | 50,481 | 73,734 | 1,344    | 2,691 | 23,253  |
| 1890. Governor.....  | 45,331 | 64,214 | 1,298    | 2,981 | 18,883  |
|                      | Lab.   |        | Fop.     |       | Soc. D. |
| 1892. President..... | 48,044 | 62,923 | 2,361    | 3,062 | 14,979  |
| 1894. Governor.....  | 30,621 | 69,599 | 5,321    | 2,730 | 38,978  |
|                      | Lab.   |        | Fop.     |       | Soc. D. |
| 1896. President..... | 34,688 | 80,465 | 1,870    | 1,570 | 45,777  |
| 1898. Governor.....  | 29,497 | 54,296 | 815      | 2,335 | 24,769  |
|                      | Lab.   |        | Fop.     |       | Soc. D. |
| 1900. Governor.....  | 39,823 | 73,955 | 632      | 3,538 | 34,132  |
| 1900. President..... | 36,822 | 65,435 | 878      | 2,585 | 28,613  |
| 1902. Governor.....  | 39,349 | 65,839 | 1,973    | 4,376 | 27,490  |

\* Majority

MARYLAND.

| COUNTIES.<br>(24.)   | PRESIDENT,<br>1900. |                       |                       | PRESIDENT,<br>1896.   |                |                       |
|----------------------|---------------------|-----------------------|-----------------------|-----------------------|----------------|-----------------------|
|                      | Bryan,<br>Dem.      | Mc-<br>Kinley<br>Rep. | Wool-<br>ley,<br>Pro. | Debs,<br>Soe.<br>Dem. | Bryan,<br>Dem. | Mc-<br>Kinley<br>Rep. |
| Alegany.....         | 4,528               | 5,944                 | 285                   | 106                   | 3,911          | 5,466                 |
| Anne Arundel.....    | 3,398               | 4,045                 | 103                   | 1                     | 3,145          | 4,030                 |
| Baltimore Co. y..... | 51,979              | 58,880                | 1,261                 | 617                   | 40,852         | 61,950                |
| Baltimore Co. z..... | 9,147               | 9,351                 | 349                   | 56                    | 7,121          | 9,206                 |
| Calvert.....         | 866                 | 1,414                 | 139                   | 36                    | 882            | 1,295                 |
| Caroline.....        | 1,774               | 1,798                 | 139                   | 8                     | 1,650          | 1,686                 |
| Carroll.....         | 4,025               | 4,105                 | 190                   | 12                    | 3,811          | 4,048                 |
| Cecil.....           | 2,989               | 2,960                 | 95                    | 11                    | 2,909          | 3,130                 |
| Charles.....         | 1,368               | 2,271                 | 19                    | 6                     | 1,372          | 2,118                 |
| Dorchester.....      | 2,734               | 3,369                 | 129                   | 5                     | 2,633          | 3,043                 |

MARYLAND—Continued.

| COUNTIES.       | PRESIDENT, 1900. |                 |               |                 | PRESIDENT, 1896. |                 |  |  |
|-----------------|------------------|-----------------|---------------|-----------------|------------------|-----------------|--|--|
|                 | Bryan, Dem.      | Mc-Kinley, Rep. | Woolley, Pro. | Debs, Soc. Dem. | Bryan, Dem.      | Mc-Kinley, Rep. |  |  |
| Frederick ....  | 5,824            | 6,393           | 216           | 15              | 5,214            | 6,353           |  |  |
| Garrett .....   | 1,283            | 2,284           | 31            | 6               | 1,275            | 2,060           |  |  |
| Harford .....   | 3,509            | 3,146           | 250           | 9               | 3,362            | 3,373           |  |  |
| Howard .....    | 1,905            | 1,800           | 72            | 4               | 1,787            | 1,978           |  |  |
| Kent .....      | 2,077            | 2,426           | 65            | 4               | 1,981            | 2,398           |  |  |
| Montgomery ..   | 3,679            | 3,355           | 102           | 9               | 3,460            | 3,218           |  |  |
| Pr'ce George's  | 2,787            | 3,456           | 26            | 6               | 2,506            | 3,250           |  |  |
| Queen Anne's    | 2,553            | 1,873           | 113           | 5               | 2,519            | 1,917           |  |  |
| Somerset .....  | 2,019            | 2,855           | 317           | 6               | 2,085            | 2,646           |  |  |
| St. Mary's..... | 1,565            | 2,089           | 17            | ..              | 1,471            | 2,044           |  |  |
| Talbot.....     | 2,233            | 2,573           | 161           | 4               | 2,189            | 2,543           |  |  |
| Washington ..   | 4,865            | 5,476           | 154           | 14              | 4,388            | 5,428           |  |  |
| Wicomico .....  | 2,793            | 2,378           | 205           | ..              | 2,354            | 2,023           |  |  |
| Worcester.....  | 2,451            | 1,991           | 247           | 1               | 1,962            | 1,756           |  |  |
| Total .....     | 122271           | 135213          | 4,582         | 908             | 104735           | 136959          |  |  |
| Plurality ..... | ..               | 13,941          | ..            | ..              | ..               | 32,224          |  |  |
| Per cent .....  | 46.21            | 51.49           | 1.73          | 0.35            | 41.75            | 54.60           |  |  |
| Scattering..... | ..               | 538             | ..            | ..              | ..               | 8,249           |  |  |
| Whole vote.     | ..               | 264,511         | ..            | ..              | ..               | 250,842         |  |  |

The scattering vote for President in 1900 was: Malloney, Soc. L., 391; Ellis, U. R., 147. Of the scattering vote for President in 1896, Palmer, N. D., received 2,507; Levering, Pro., 5,019; Matchett, Soc. L., 587, and Bentley, Nat. Pro., 136.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1902.

- Districts.**
- I. Counties of Caroline, Dorchester, Kent, Queen Anne's, Somerset, Talbot, Wicomico, and Worcester. James E. Ellegard, Dem., 16,179; W. H. Jackson, Rep., 17,968; A. J. McAllen, Pro., 1,391. Jackson's plurality, 789.
- II. Baltimore City, counties of Baltimore, Carroll, Cecil, and Harford. J. F. Q. Talbot, Dem., 16,971; Wm. T. Page, Rep., 15,422; H. M. Hanna, Pro., 1,007. Talbot's plurality, 1,549.
- III. Baltimore City. Lee S. Meyer, Dem., 15,031; Frank C. Wachter, Rep., 15,214; B. F. Lewis, Pro., 443; Frank Mareck, Soc., 499. Wachter's plurality, 183.
- IV. Baltimore City. J. W. Denny, Dem., 16,105; Chas. R. Schirm, Rep., 15,519; A. J. Church, Pro., 620. Denny's plurality, 586.
- V. Baltimore City. B. H. Camalles, Dem., 12,781; S. E. Mudd, Rep., 17,621; S. R. Neave, Pro., 545. Mudd's plurality, 4,840.
- VI. Counties of Allegany, Frederick, Garrett, Montgomery, and Washington. C. F. Kenemnes, Dem., 14,479; Geo. A. Pearre, Rep., 18,310; J. A. Hopkins, Pro., 1,063. Pearre's plurality, 3,831.

PRESENT STATE GOVERNMENT.

Governor, J. Walter Smith; Secretary of State, Wilfred Bateman; Treasurer, Murray Vandiver; Comptroller, Joshua W. Hering; Adjutant-General, John S. Saunders; Attorney-General, Isidor Raynor; Superintendent of Education, M. Bates Stevens; Commissioner of Insurance, Lloyd Wilkinson; Commissioner of Public Lands, E. Stanley Toadvin—all Democrats.

JUDICIARY.

Court of Appeals: Chief Judge, James McSherry; Associate Judges, David Fowler, A. Hunter Boyd, Henry Page, I. Thomas Jones, John P. Briscoe, S. D. Schmucker, and James A. Pearce; Clerk, Thomas Parran—all Democrats except Schmucker and Parran Republicans.

STATE LEGISLATURE, 1903.

|                     | Senate. | House. | Joint Ballot. |
|---------------------|---------|--------|---------------|
| Democrats .....     | 17      | 51     | 68            |
| Republicans.....    | 9       | 44     | 53            |
| Democratic majority | 8       | 7      | 15            |

MARYLAND—Continued.

VOTE OF THE STATE SINCE 1872.

|                  | Dem.    | Rep.    | Gr.   | Pro.  | Plu.           |
|------------------|---------|---------|-------|-------|----------------|
| 1872. President. | 67,506  | 66,443  | ..    | ..    | *1,064 D       |
| 1876. President. | 91,780  | 71,981  | ..    | ..    | *19,799 D      |
| 1880. President. | 95,705  | 78,515  | 818   | ..    | *15,191 D      |
| 1884. President. | 96,866  | 82,748  | 578   | 2,827 | 11,118 D       |
| 1888. President. | 106,168 | 99,996  | ..    | ..    | 4,767 6,182 D  |
| 1891. Governor.  | 108,539 | 78,388  | ..    | ..    | 5,120 30,151 D |
| Pop.             |         |         |       |       |                |
| 1892. President. | 118,866 | 92,736  | 796   | 5,877 | 21,130 D       |
| 1895. Governor.  | 106,169 | 124,936 | 989   | 7,719 | 18,767 R       |
| N. D.            |         |         |       |       |                |
| 1896. President. | 104,735 | 136,959 | 2,507 | 5,918 | 32,224 R       |
| 1897. Comptrol.  | 114,064 | 121,173 | ..    | ..    | 6,096 7,109 R  |
| 1899. Governor.  | 125,409 | 116,296 | ..    | ..    | 5,275 12,114 D |
| S. D.            |         |         |       |       |                |
| 1900. President. | 122,271 | 136,212 | 908   | 4,582 | 13,941 R       |

\* Majority.

MASSACHUSETTS.

| COUNTIES. (14.) | GOVERNOR, 1902. |            | GOVERNOR, 1901. |            | PRESIDENT, 1900. |                |
|-----------------|-----------------|------------|-----------------|------------|------------------|----------------|
|                 | Gaston Dem.     | Bates Rep. | Quincy Dem.     | Crane Rep. | Bryan Dem.       | Mc-Kinley Rep. |
| Barnstable....  | 908             | 2,511      | 508             | 3,001      | 749              | 3,272          |
| Berkshire.....  | 5,690           | 7,053      | 3,334           | 8,428      | 5,461            | 8,980          |
| Bristol .....   | 9,961           | 15,246     | 6,709           | 13,126     | 9,355            | 19,396         |
| Dukes .....     | 104             | 408        | 93              | 518        | 114              | 617            |
| Essex .....     | 18,934          | 28,645     | 12,585          | 25,815     | 18,782           | 32,924         |
| Franklin.....   | 1,937           | 3,947      | 1,460           | 3,898      | 1,874            | 4,937          |
| Hampden.....    | 7,951           | 10,641     | 6,080           | 10,607     | 7,423            | 13,757         |
| Hampshire ..    | 1,997           | 4,271      | 1,497           | 4,177      | 2,392            | 5,550          |
| Middlesex...    | 32,859          | 41,500     | 20,403          | 38,593     | 29,476           | 49,638         |
| Nantucket ..    | 180             | 329        | 58              | 227        | 102              | 375            |
| Norfolk.....    | 8,295           | 11,256     | 5,069           | 11,223     | 7,922            | 15,144         |
| Plymouth.....   | 4,081           | 8,166      | 2,929           | 7,684      | 4,665            | 10,813         |
| Suffolk.....    | 47,933          | 36,096     | 40,871          | 35,326     | 47,584           | 40,951         |
| Worcester....   | 18,346          | 26,207     | 12,766          | 23,176     | 17,149           | 32,412         |
| Total .....     | 159156          | 196276     | 114363          | 195809     | 156997           | 238866         |
| Plurality ..... | ..              | 37,120     | ..              | 71,447     | ..               | 81,869         |
| Per cent .....  | 39.94           | 49.25      | 35.24           | 57.56      | 37.83            | 57.80          |
| Scattering..... | 43,257          | ..         | 24,349          | ..         | 18,938           | ..             |
| Whole vote.     | 398,689         | ..         | 324,520         | ..         | 414,801          | ..             |

For Governor, 1902, Chase, Soc., received 33 629 votes; Berry, Soc. L., 6,079; Partridge, Pro., 3,538; scattering, 11.

The scattering vote for President in 1900 was: Woolley, Pro., 8,209; Debs, Soc. Dem., 9,607; Malloney, Soc. L., 2,599; all others, 530.

For Governor, 1901, Lewis, Pro., received 4,780 votes; Berry, Soc. L., 8,898; Wrenn, Soc. D., 10,671.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1902.

- Districts.**
- I. Counties of Berkshire, Franklin (part), Hampden (part), Hampshire (part). H. M. Fern, Dem., 9,949; Geo. P. Lawrence, Rep., 14,093; T. Koehler, Soc., 1,259; John Bascom, Pro., 801. Lawrence's plurality, 4,144.
- II. Counties of Franklin (part), Hampden (part), Hampshire (part), Worcester (part). A. F. Nutting, Dem., 6,998; F. H. Gillett, Rep., 14,067; G. H. Wreinn, Soc., 2,779; L. E. Parsons, Pro., 390. Gillett's plurality, 7,069.
- III. County of Worcester (part). Jno R. Thayer, Dem., 14,382; R. B. Dodge, Rep., 13,602; I. A. Gibbs, Soc., 1,005; G. H. Bemis, Pro., 329. Thayer's plurality, 780.
- IV. Counties of Worcester (part) and Middlesex (part). M. A. Coolidge, Dem., 10,564; C. Q. Tirrell, Rep., 15,660; J. F. Mullen, Soc., 2,739; H. S. Morley, Pro., 370. Tirrell's plurality, 5,096.
- V. Counties of Essex (part) and Middlesex (part). John T. Sparks, Dem., 12,765; Butler Ames, Rep., 13,648; J. A. Wilkinson, Soc., 1,193; W. S. Searle, Pro., 338; J. Youngjohns, Soc. L., 253. Ames' plurality, 833.
- VI. County of Essex (part). Samuel Roads, Jr., Dem., 12,246; A. P. Gardner, Rep., 16,164; G. E. Littlefield, Soc., 2,679; W. O. Wylie, Pro., 350. Gardner's plurality, 3,918.

MASSACHUSETTS—Continued.

- VII. Counties of Essex (part), Middlesex (part). Arthur Lyman, Dem., 9,034; Ernest W. Roberts, Rep., 15,728; W. B. Turner, Soc., 2,811; F. B. Jordan, Soc. L., 814; G. W. Buttrick, Pro., 590.
- VIII. County of Middlesex (part), Granville S. McFarland, Dem., 8,872; Samuel W. McCall, Rep., 15,077; Chas. W. White, Soc., 1,534; Chas. A. Johnson, Soc. L., 614.
- IX. County of Suffolk (part). John A. Keliber, Dem. Cit., 10,352; Joseph A. Conry, Dem. Nat., 10,099; Chas. T. Witt, Rep., 5,108; Jas. J. McVey, Soc., 1,581.
- X. Counties of Suffolk (part), Norfolk (part). Wm. S. McNary, Dem., 17,569; Wm. W. Towle, Rep., 11,374; John W. Sherman, Soc., 3,506.
- XI. County of Suffolk (part). John A. Sullivan, Dem., 16,333; Eugene A. Foss, Rep., 14,467; George G. Cutting, Soc., 2,230.
- XII. Counties of Bristol (part), Norfolk (part). Frederick J. Stimson, Dem., 10,303; Samuel L. Powers, Rep., 14,807; J. F. Hayward, Soc., 2,683; Napoleon B. Johnson, Pro., 384.
- XIII. Counties of Dukes, Nantucket, Bristol (part), and Plymouth (part). Chas. T. Luce, Dem., 5,241; Wm. S. Greene, Rep., 13,555; Elijah Humphries, Pro., 1,178.
- XIV. Counties of Barnstable, Plymouth (part), and Bristol (part). Chas. A. Gilday, Dem., 5,447; Wm. C. Lovering, Rep., 14,410; Isaac Skinner, Soc., 4,300; Chas. B. Gaffney, Pro., 512; Jeremiah Devine, Soc. L., 460.

PRESENT STATE GOVERNMENT.

Governor, John L. Bates; Lieutenant-Governor, Curtis Guild, Jr.; Secretary of State, Wm. M. Olin; Treasurer, E. S. Bradford; Auditor, Henry E. Turner; Adjutant-General, Samuel Dalton; Attorney-General, Herbert Parker; Secretary of the Board of Education, Frank A. Hill; Secretary of the Board of Agriculture, James W. Stockwell; Commissioner of Insurance, Fred. L. Cutting—all Republicans.

JUDICIARY.

Supreme Judicial Court for the Commonwealth: Chief Justice, Oliver W. Holmes; Justices, Marcus P. Knowlton, James M. Morton, John Latrop, James M. Barker, John W. Hammond, and William C. Loring; Clerk of the Court, Henry A. Clapp—all Republicans.

STATE LEGISLATURE, 1902.

Senate. House. Joint Ballot.

|                   |    |     |     |
|-------------------|----|-----|-----|
| Republicans.....  | 30 | 146 | 176 |
| Democrats.....    | 9  | 68  | 77  |
| Independents..... | 4  | 4   | 4   |
| Socialists.....   | 3  | 3   | 3   |

VOTE OF THE STATE SINCE 1872.

|                  | Dem.    | Rep.    | Gr.       | Pro.  | Plu.      |
|------------------|---------|---------|-----------|-------|-----------|
| 1872. President. | 59,195  | 133,495 | .....     | ..... | *74,300 R |
| 1876. President. | 108,777 | 150,603 | .....     | ..... | *41,288 R |
| 1880. President. | 111,960 | 165,205 | 4,548     | 582   | 53,245 R  |
| 1884. President. | 123,352 | 146,724 | 24,382    | 9,923 | 24,372 R  |
|                  |         |         | Lab.      |       |           |
| 1888. President. | 151,855 | 183,892 | .....     | 8,701 | 32,037 R  |
| 1891. Governor.  | 157,982 | 151,515 | 1,772     | 8,968 | 6,467 D   |
|                  |         |         | Pop.      |       |           |
| 1892. Governor.  | 186,377 | 183,843 | 1,976     | 7,067 | 2,534 D   |
| 1892. President. | 176,813 | 202,814 | 3,210     | 7,539 | 26,001 R  |
| 1893. Governor.  | 156,916 | 192,613 | 4,885     | 8,556 | 35,697 R  |
| 1894. Governor.  | 123,930 | 189,307 | 9,077     | 9,965 | 65,377 R  |
| 1895. Governor.  | 121,559 | 186,280 | 7,786     | 9,170 | 64,681 R  |
|                  |         |         | Dem.-Pop. | N. D. | Pro.      |
| 1896. Governor.  | 103,662 | 258,204 | 14,164    | 4,472 | 154,542 R |
| 1896. President. | 105,711 | 278,976 | 11,749    | 2,998 | 173,265 R |
| 1897. Governor.  | 79,552  | 165,095 | 13,879    | 4,948 | 85,543 R  |
| 1898. Governor.  | 107,960 | 191,146 | .....     | 4,734 | 83,186 R  |
|                  |         |         | Soc. L.   |       |           |
| 1899. Governor.  | 103,802 | 168,902 | 10,778    | 7,402 | 65,100 R  |
| 1900. Governor.  | 130,078 | 228,054 | 8,784     | 5,950 | 97,976 R  |
| 1900. President. | 156,997 | 238,866 | 2,589     | 6,190 | 71,969 R  |
| 1901. Governor.  | 114,362 | 195,809 | 8,898     | 4,780 | 71,447 R  |
| 1902. Governor.  | 159,156 | 196,276 | 9,307     | 3,538 | 37,120 R  |

MICHIGAN.

| COUNTIES.<br>(85.) | GOVERNOR,<br>1902.   |              | PRESIDENT,<br>1900. |                       |                       |                  |
|--------------------|----------------------|--------------|---------------------|-----------------------|-----------------------|------------------|
|                    | Du-<br>rand,<br>Dem. | Blis<br>Rep. | Bryan,<br>Dem.      | Mc-<br>Kinley<br>Rep. | Wool-<br>ley,<br>Pro. | Debs,<br>Soc. D. |
| Alcona.....        | 104                  | 505          | 145                 | 849                   | 12                    | 1                |
| Alger.....         | 266                  | 633          | 416                 | 1,016                 | 14                    | 5                |
| Allegan.....       | 1,716                | 3,462        | 3,283               | 5,597                 | 239                   | 25               |
| Alpena.....        | 1,443                | 1,937        | 1,435               | 2,283                 | 32                    | 89               |
| Antrim.....        | 451                  | 1,006        | 737                 | 2,583                 | 81                    | 39               |
| Arenac.....        | 658                  | 709          | 860                 | 975                   | 45                    | 19               |
| Baraga.....        | 266                  | 548          | 332                 | 606                   | 6                     | 2                |
| Barry.....         | 2,321                | 2,592        | 2,896               | 3,262                 | 143                   | 10               |
| Bay.....           | 4,223                | 3,894        | 5,090               | 6,462                 | 236                   | 23               |
| Benzie.....        | 367                  | 786          | 628                 | 1,472                 | 112                   | 3                |
| Berrien.....       | 4,575                | 5,630        | 4,957               | 6,597                 | 188                   | 103              |
| Branch.....        | 1,997                | 3,045        | 3,416               | 4,298                 | 107                   | 8                |
| Calhoun.....       | 3,990                | 3,949        | 5,562               | 6,226                 | 295                   | 293              |
| Cass.....          | 2,383                | 2,361        | 2,826               | 3,217                 | 131                   | 17               |
| Charlevoix.....    | 295                  | 636          | 779                 | 2,266                 | 84                    | 47               |
| Cheboygan.....     | 1,170                | 1,475        | 1,397               | 2,092                 | 40                    | 6                |
| Chippewa.....      | 1,331                | 2,294        | 882                 | 2,474                 | 74                    | 8                |
| Clare.....         | 674                  | 935          | 643                 | 1,189                 | 34                    | 5                |
| Clinton.....       | 1,863                | 2,340        | 2,925               | 3,797                 | 139                   | 15               |
| Crawford.....      | 392                  | 1,804        | 1,213               | 3,081                 | 24                    | 12               |
| Delta.....         | 289                  | 1,929        | 453                 | 2,857                 | 48                    | 12               |
| Dickinson.....     | 2,827                | 3,416        | 3,409               | 4,808                 | 185                   | 19               |
| Emmet.....         | 906                  | 1,597        | 1,291               | 2,351                 | 119                   | 6                |
| Genesee.....       | 3,544                | 4,276        | 3,931               | 6,426                 | 396                   | 61               |
| Gladwin.....       | 255                  | 644          | 299                 | 978                   | 18                    | 3                |
| Gogebic.....       | 578                  | 1,808        | 676                 | 2,168                 | 93                    | 11               |
| Gr'd Traverse..... | 637                  | 1,317        | 1,288               | 3,126                 | 137                   | 10               |
| Gratiot.....       | 1,729                | 3,268        | 3,207               | 4,261                 | 167                   | 21               |
| Hillsdale.....     | 2,149                | 3,513        | 3,328               | 4,787                 | 255                   | 27               |
| Houghton.....      | 1,279                | 3,874        | 2,424               | 8,032                 | 441                   | 30               |
| Huron.....         | 1,800                | 2,583        | 2,134               | 3,669                 | 166                   | 64               |
| Ingham.....        | 4,790                | 4,603        | 5,102               | 5,353                 | 282                   | 24               |
| Ionia.....         | 3,291                | 3,697        | 4,058               | 5,101                 | 196                   | 29               |
| Iosco.....         | 500                  | 1,022        | 680                 | 1,402                 | 23                    | 5                |
| Iron.....          | 132                  | 778          | 259                 | 1,559                 | 14                    | 7                |
| Isabella.....      | 1,647                | 2,027        | 1,997               | 2,970                 | 69                    | 6                |
| Jackson.....       | 5,276                | 4,880        | 6,211               | 6,327                 | 332                   | 28               |
| Kalamazoo.....     | 4,605                | 4,186        | 4,708               | 6,007                 | 256                   | 192              |
| Kalkaska.....      | 127                  | 567          | 360                 | 1,312                 | 55                    | 8                |
| Kent.....          | 8,292                | 9,706        | 13,794              | 17,891                | 816                   | 101              |
| Keweenaw.....      | 30                   | 275          | 31                  | 452                   | 4                     | 1                |
| Lake.....          | 285                  | 609          | 350                 | 840                   | 14                    | 6                |
| Lapeer.....        | 1,747                | 2,543        | 2,217               | 3,709                 | 216                   | 63               |
| Leelanau.....      | 453                  | 860          | 637                 | 1,484                 | 38                    | 4                |
| Lenawee.....       | 4,230                | 5,185        | 5,965               | 6,848                 | 346                   | 19               |
| Livingston.....    | 2,505                | 2,325        | 2,730               | 2,858                 | 152                   | 9                |
| Luce.....          | 155                  | 329          | 159                 | 405                   | 10                    | 5                |
| Mackinac.....      | 732                  | 782          | 632                 | 1,060                 | 15                    | 9                |
| Macomb.....        | 3,512                | 3,568        | 3,489               | 4,244                 | 140                   | 1                |
| Manistee.....      | 1,744                | 2,030        | 2,340               | 3,146                 | 90                    | 10               |
| Marquette.....     | 830                  | 3,195        | 1,476               | 5,239                 | 181                   | 13               |
| Mason.....         | 874                  | 1,355        | 1,252               | 2,186                 | 84                    | 34               |
| Mecosta.....       | 707                  | 1,579        | 1,376               | 2,804                 | 89                    | 10               |
| Menominee.....     | 1,146                | 1,784        | 1,543               | 3,122                 | 39                    | 13               |
| Midland.....       | 992                  | 1,357        | 1,224               | 1,783                 | 51                    | 19               |
| Missaukee.....     | 562                  | 1,123        | 617                 | 1,420                 | 56                    | 18               |
| Monroe.....        | 3,157                | 3,396        | 3,659               | 3,874                 | 159                   | 12               |
| Montcalm.....      | 1,378                | 2,638        | 2,538               | 4,826                 | 149                   | 20               |
| Montmorency.....   | 238                  | 444          | 233                 | 542                   | 6                     | 3                |
| Muskegon.....      | 1,912                | 3,672        | 2,601               | 5,247                 | 126                   | 56               |
| Newaygo.....       | 948                  | 1,884        | 1,423               | 2,612                 | 121                   | 3                |
| Oakland.....       | 4,901                | 4,976        | 4,968               | 6,174                 | 453                   | 30               |
| Oceana.....        | 675                  | 1,367        | 1,200               | 2,406                 | 183                   | 13               |
| Ogemaw.....        | 428                  | 843          | 430                 | 1,186                 | 14                    | 5                |
| Ontonagon.....     | 427                  | 1,003        | 490                 | 982                   | 14                    | 7                |
| Osceola.....       | 461                  | 1,524        | 880                 | 2,635                 | 175                   | 7                |
| Oscoda.....        | 66                   | 242          | 60                  | 245                   | 2                     | 5                |
| Otsego.....        | 286                  | 649          | 435                 | 1,021                 | 33                    | 8                |
| Ottawa.....        | 1,680                | 3,734        | 3,064               | 5,334                 | 145                   | 25               |
| Presque Isle.....  | 566                  | 1,132        | 494                 | 1,332                 | 17                    | 4                |
| Roscommon.....     | 206                  | 238          | 178                 | 328                   | 5                     | 5                |
| Saginaw.....       | 6,835                | 6,410        | 7,645               | 8,414                 | 208                   | 427              |
| Sanilac.....       | 971                  | 2,196        | 2,064               | 4,177                 | 262                   | 9                |

MICHIGAN—Continued.

| COUNTIES.        | GOVERNOR, 1902. |             | PRESIDENT, 1900. |                 |                |                 |  |
|------------------|-----------------|-------------|------------------|-----------------|----------------|-----------------|--|
|                  | Du-rand, Dem.   | Bliss, Rep. | Bryan, Dem.      | Mc-Kinley, Rep. | Wool-ley, Pro. | Debs, Soc. Dem. |  |
| Schoolcraft..... | 408             | 819         | 461              | 1,141           | 21             | 7               |  |
| Shiawassee.....  | 3,127           | 3,680       | 3,443            | 5,051           | 390            | 12              |  |
| St. Clair.....   | 5,172           | 5,472       | 4,405            | 7,427           | 193            | 50              |  |
| St. Joseph.....  | 2,619           | 2,335       | 3,293            | 3,194           | 102            | 4               |  |
| Tuscola.....     | 1,693           | 3,077       | 2,650            | 4,741           | 306            | 14              |  |
| Van Buren.....   | 2,360           | 3,710       | 3,235            | 4,890           | 150            | 22              |  |
| Washtenaw.....   | 5,044           | 3,548       | 5,072            | 5,378           | 222            | 44              |  |
| Wayne.....       | 32,292          | 21,659      | 28,416           | 36,745          | 558            | 37              |  |
| Wexford.....     | 574             | 1,286       | 1,019            | 2,520           | 118            | 50              |  |
| Total.....       | 174077          | 211261      | 211685           | 316269          | 11,859         | 2,826           |  |
| Plurality.....   |                 | 37,154      |                  | 104584          |                |                 |  |
| Per cent.....    | 43.28           | 52.52       | 38.88            | 58.09           | 2.18           | 0.52            |  |
| Scattering.....  | 16,861          |             |                  | 1,736           |                |                 |  |
| Whole vote.....  | 402,199         |             |                  | 544,375         |                |                 |  |

For Governor, in 1902, Westerman, Pro., received 11,326 votes; Walter, Soc., 4,271; Conlin, Soc. L., 1,264.

The scattering vote for President in 1900 was: Barker, M. R. Pop., 833; Malloney, Soc. L., 903.

VOTE FOR GOVERNOR IN 1900.

The vote for Governor in 1900 was: Wm. C. Maybury, Dem., 226,228; Aaron T. Bliss, Rep., 305,612; F. S. Goodrich, Pro., 11,834; Henry Ramsey, Soc. D., 2,709; H. Uhlbricht, Soc. L., 856; D. Thompson, Pop., 871. Bliss' plurality, 79,384.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1902.

Districts.

I. County of Wayne (part). Alfred Lucking, Dem., 20,009; J. B. Corliss, Rep, 16,743; John Sweet, Pro., 403; Herman Richter, Soc., 169.

II. Counties of Lenawee, Monroe, Jackson, Washtenaw, and Wayne (part). Fred. B. Wood, Dem., 18,390; Charles E. Townsend, Rep., 22,198; Ebenezer R. Bragg, Pro., 1,034.

III. Counties of Branch, Hillsdale, Kalamazoo, Calhoun, and Eaton. Warren J. Sampson, Dem., 13,900; Washington Gardner, Rep., 19,741; Chas. A. Wood, Pro., 951; scattering, 199.

IV. Counties of St. Joseph, Cass, Berrien, Van Buren, Allegan, and Barry. Thos. O'Hara, Dem., 15,368; Edward L. Hamilton, Rep., 20,617; Edward F. Strickland, Pro., 138.

V. Counties of Ottawa, Kent, and Ionia. Myron H. Walker, Dem., 11,525; Wm. Alden Smith, Rep., 19,040; Edward S. Townsend, Pro., 767; Charles A. Bissonette, Abol., 289.

VI. Counties of Oakland, Genesee, Livingston, Ingham, and Wayne (part). Wm. H. S. Wood, Dem., 18,300; Samuel W. Smith, Rep., 23,869; Ralph W. La Baron, Pro., 170.

VII. Counties of Macomb, Lapeer, St. Clair, Sanilac, Huron, and Wayne (part). Martin Crocker, Dem., 12,481; Henry McMoorean, Rep., 17,830; John Scott, Pro., 595; J. Merritt Lamb, Soc., 207.

VIII. Counties of Clinton, Saginaw, Shiawassee, and Tuscola. Henry M. Youmans, Dem., 11,389; Joseph W. Fordney, Rep., 17,392; J. George Fischer, Pro., 1,004; Sam'l Hackett, Soc., 901.

IX. Counties of Muskegon, Oceana, Newaygo, Mason, Lake, Manistee, Wexford, Benzie, Leelanaw, and Manitou. Daniel W. Goode-nough, Dem., 6,166; Roswell P. Bishop, Rep., 14,502; Edwin S. Palmiter, Pro., 696; David M. Stevens, Soc., 330.

MICHIGAN—Continued.

X. Counties of Bay, Midland, Gladwin, Arenac, Ogemaw, Iasco, Alcona, Oscoda, Crawford, Montmorency, Alpena, Presque Isle, Otsego, Cheboygan, and Emmet. Michael O'Brien, Dem., 11,846; George A. Loud, Rep., 17,069; Louis B. Russell, Pro., 574.

XI. Counties of Montcalm, Gratiot, Isabella, Mecosta, Osceola, Clare, Roscommon, Missaukee, Kalkaska, Grand Traverse, Antrim, and Charlevoix. David J. Irwin, Dem., 7,891; Archibald B. Darragh, Rep., 18,174.

XII. Counties of Delta, Schoolcraft, Chippewa, Mackinac, Ontonagon, Marquette, Menominee, Dickinson, Baraga, Houghton, Keweenaw, Isle Royal, Alger, Luce, Iron, Cass, and Gogebic. John Power, Dem., 8,467; H. Olin Young, Rep., 21,234.

PRESENT STATE GOVERNMENT.

Governor, Aaron T. Bliss; Lieutenant-Governor, Alexander Maitland; Secretary of State, Fred. M. Warner; Treasurer, Daniel McCoy; Auditor, Perry F. Powers; Attorney-General, Charles A. Blair; Superintendent of Education, Delos Fall; Commissioner of State Land Office, E. A. Wildey—all Republicans.

JUDICIARY.

Supreme Court: Chief Justice, Frank A. Hooker, Rep.; Justices, Joseph B. Moore, Rep.; William L. Carpenter, Rep.; Claudius B. Grant, Rep.; R. B. Montgomery, Rep.; Clerk, Charles C. Hopkins, Rep.

STATE LEGISLATURE, 1903.

|                     | Senate. | House. | Joint Ballot. |
|---------------------|---------|--------|---------------|
| Republicans.....    | 31      | 90     | 121           |
| Democrats.....      | 1       | 10     | 11            |
| Republican majority | 30      | 80     | 110           |

VOTE OF THE STATE SINCE 1872.

|                        | Dem.      | Rep.    | Gr.      | Pro.   | Plu.      |
|------------------------|-----------|---------|----------|--------|-----------|
| 1872. Pres.....        | 78,350    | 138,458 |          |        | *60,108 R |
| 1876. Pres.....        | 141,595   | 166,901 | 9,060    |        | *25,306 R |
| 1880. Pres.....        | 131,300   | 185,190 | 34,795   |        | 53,890 R  |
|                        | Dem.—Gr.† |         | Str.—Gr. |        |           |
| 1882. Gov.....         | 154,269   | 149,697 | 2,006    | 5,854  | 4,572 F   |
| 1884. Gov.....         | 186,887   | 190,840 | 414      | 22,207 | 3,953 R   |
| 1884. Pres.....        | 189,361   | 192,669 | 753      | 18,403 | 3,308 R   |
| 1886. Gov.....         | 174,042   | 181,474 |          | 25,179 | 7,432 R   |
|                        | Dem.      |         |          |        |           |
| 1887. Sup. Ct. 140,315 | 174,924   | 27,658  | 18,530   | 34,609 | R         |
|                        | U. L.     |         |          |        |           |
| 1888. Pres.....        | 213,469   | 236,387 | 4,555    | 20,945 | 22,923 R  |
| 1889. Sup. Ct. 122,955 | 156,426   | 2,681   | 16,380   | 33,471 | R         |
|                        | Indus.    |         |          |        |           |
| 1890. Gov.....         | 183,725   | 172,205 | 13,198   | 28,651 | 11,520 D  |
| 1891. Sup. Ct. 148,271 | 153,211   | 9,121   | 14,144   | 4,940  | R         |
|                        | Pop.      |         |          |        |           |
| 1892. Pres.....        | 202,296   | 222,708 | 19,892   | 14,069 | 20,412 R  |
| 1893. Sup. Ct. 148,712 | 164,754   | 14,469  | 14,526   | 16,039 | R         |
| 1894. Gov.....         | 130,823   | 237,215 | 30,012   | 18,788 | 106,392 R |
| 1895. Sup. Ct. 108,807 | 189,294   | 25,943  | 18,116   | 80,487 | R         |
|                        | Dem.—Pop. |         |          |        |           |
| 1896. Gov.....         | 221,022   | 304,431 | 9,738    | 5,499  | 83,409 R  |
| 1896. Pres.....        | 236,714   | 293,582 | 6,879    | 5,025  | 56,868 R  |
| 1897. Sup. Ct. 139,307 | 210,721   | 30,729  | 7,936    | 71,414 | R         |
|                        | Pop.      |         |          |        |           |
| 1898. Gov.....         | 168,142   | 243,239 | 1,656    | 7,006  | 75,097 R  |
| 1899. Sup. Ct. 165,432 | 216,828   | 4,856   | 8,789    | 51,346 | R         |
|                        | Soc. D.   |         |          |        |           |
| 1900. Gov.....         | 226,228   | 305,612 | 2,709    | 11,834 | 79,384 R  |
| 1900. Pres.....        | 211,685   | 316,269 | 2,826    | 11,859 | 104,584 R |
| 1902. Gov.....         | 174,077   | 211,261 | 4,271    | 11,326 | 37,184 R  |

\*Majority. †Fusion.

MINNESOTA.

| COUNTIES.<br>(82.) | GOVERNOR,<br>1902.   |                      | PRESIDENT,<br>1900. |                       |                       |                       |
|--------------------|----------------------|----------------------|---------------------|-----------------------|-----------------------|-----------------------|
|                    | Ros-<br>ing,<br>Dem. | Van<br>Sant,<br>Rep. | Bryan,<br>Dem.      | Mc-<br>Kinley<br>Rep. | Wool-<br>ley,<br>Pro. | Debs.<br>Soe.<br>Dem. |
| Aitkin.....        | 425                  | 879                  | 262                 | 988                   | 17                    | 7                     |
| Anoka.....         | 610                  | 1,817                | 556                 | 1,511                 | 48                    | 15                    |
| Becker.....        | 697                  | 1,366                | 771                 | 1,790                 | 138                   | 52                    |
| Beltrami.....      | 789                  | 1,993                | 767                 | 1,389                 | 18                    | 27                    |
| Benton.....        | 698                  | 964                  | 751                 | 849                   | 15                    | 25                    |
| Big Stone.....     | 530                  | 988                  | 644                 | 1,081                 | 89                    | 5                     |
| Blue Earth.....    | 1,757                | 2,902                | 2,254               | 3,647                 | 230                   | 68                    |
| Brown.....         | 1,110                | 1,402                | 1,471               | 1,695                 | 50                    | 35                    |
| Carlton.....       | 528                  | 961                  | 467                 | 1,119                 | 23                    | 14                    |
| Carver.....        | 1,123                | 1,488                | 1,146               | 1,775                 | 34                    | 20                    |
| Cass.....          | 347                  | 1,137                | 518                 | 1,074                 | 21                    | 29                    |
| Chippewa.....      | 603                  | 1,167                | 707                 | 1,433                 | 67                    | 35                    |
| Chisago.....       | 456                  | 1,657                | 411                 | 2,354                 | 26                    | 26                    |
| Clay.....          | 696                  | 1,561                | 1,165               | 1,903                 | 103                   | 26                    |
| Cook.....          | 59                   | 128                  | 65                  | 181                   | 6                     | 1                     |
| Cottonwood.....    | 352                  | 1,208                | 547                 | 1,268                 | 45                    | 7                     |
| Crow Wing.....     | 725                  | 1,824                | 804                 | 1,805                 | 45                    | 18                    |
| Dakota.....        | 1,744                | 1,621                | 1,878               | 1,904                 | 143                   | 49                    |
| Dodge.....         | 372                  | 1,359                | 674                 | 1,611                 | 181                   | 5                     |
| Douglas.....       | 1,041                | 1,315                | 1,194               | 1,917                 | 75                    | 12                    |
| Faribault.....     | 877                  | 1,849                | 936                 | 2,910                 | 245                   | 22                    |
| Fillmore.....      | 665                  | 2,200                | 1,364               | 3,741                 | 21                    | 34                    |
| Freeborn.....      | 736                  | 2,249                | 838                 | 2,934                 | 171                   | 10                    |
| Goodhue.....       | 1,372                | 3,233                | 1,125               | 4,894                 | 169                   | 26                    |
| Grant.....         | 249                  | 849                  | 456                 | 1,062                 | 73                    | 15                    |
| Hennepin.....      | 15,177               | 21,905               | 14,498              | 26,902                | 781                   | 631                   |
| Houston.....       | 615                  | 1,255                | 884                 | 1,765                 | 72                    | 11                    |
| Hubbard.....       | 427                  | 905                  | 464                 | 1,009                 | 29                    | 20                    |
| Isanti.....        | 817                  | 931                  | 504                 | 1,525                 | 39                    | 21                    |
| Itasca.....        | 497                  | 782                  | 413                 | 770                   | 13                    | 9                     |
| Jackson.....       | 690                  | 1,602                | 993                 | 1,757                 | 83                    | 24                    |
| Kanabec.....       | 329                  | 559                  | 210                 | 658                   | 11                    | 9                     |
| Kandiyohi.....     | 751                  | 2,026                | 1,204               | 2,343                 | 84                    | 8                     |
| Kittson.....       | 610                  | 754                  | 562                 | 885                   | 30                    | 22                    |
| Lac qui Parle..... | 442                  | 1,475                | 642                 | 1,924                 | 101                   | 19                    |
| Lake.....          | 444                  | 895                  | 278                 | 639                   | 20                    | 8                     |
| Le Sueur.....      | 1,835                | 1,883                | 1,886               | 1,941                 | 103                   | 45                    |
| Lincoln.....       | 334                  | 846                  | 528                 | 866                   | 50                    | 6                     |
| Lyon.....          | 534                  | 1,784                | 879                 | 1,844                 | 111                   | 16                    |
| McLeod.....        | 1,538                | 1,509                | 1,540               | 1,691                 | 110                   | 31                    |
| Marshall.....      | 839                  | 1,173                | 905                 | 1,457                 | 70                    | 4                     |
| Martin.....        | 1,131                | 1,580                | 1,238               | 1,819                 | 235                   | 31                    |
| Meeker.....        | 1,415                | 1,675                | 1,300               | 2,032                 | 108                   | 12                    |
| Mille Lacs.....    | 591                  | 961                  | 358                 | 1,072                 | 56                    | 10                    |
| Morrison.....      | 1,919                | 1,780                | 1,838               | 1,880                 | 63                    | 24                    |
| Mower.....         | 597                  | 2,090                | 1,081               | 3,076                 | 159                   | 25                    |
| Murray.....        | 761                  | 1,098                | 816                 | 1,358                 | 51                    | 11                    |
| Nicollet.....      | 887                  | 1,380                | 858                 | 1,654                 | 64                    | 14                    |
| Nobles.....        | 871                  | 1,515                | 1,101               | 1,709                 | 137                   | 14                    |
| Norman.....        | 362                  | 1,268                | 964                 | 1,492                 | 287                   | 41                    |
| Olmsted.....       | 1,569                | 2,157                | 1,597               | 2,818                 | 131                   | 21                    |
| Otter Tail.....    | 1,589                | 2,840                | 3,257               | 3,446                 | 440                   | 56                    |
| Pine.....          | 896                  | 978                  | 726                 | 1,121                 | 23                    | 17                    |
| Pipestone.....     | 400                  | 986                  | 692                 | 1,112                 | 50                    | 4                     |
| Polk.....          | 1,446                | 2,893                | 2,553               | 2,863                 | 161                   | 186                   |
| Pope.....          | 262                  | 1,388                | 481                 | 1,774                 | 57                    | 5                     |
| Ramsey.....        | 10,439               | 11,973               | 10,951              | 15,394                | 449                   | 359                   |
| Rod Lake.....      | 766                  | 1,080                | 1,165               | 823                   | 41                    | 67                    |
| Redwood.....       | 509                  | 1,690                | 918                 | 1,217                 | 110                   | 34                    |
| Renville.....      | 1,145                | 2,412                | 1,326               | 2,809                 | 146                   | 41                    |
| Rice.....          | 1,505                | 2,396                | 1,688               | 2,324                 | 152                   | 70                    |
| Rock.....          | 369                  | 934                  | 573                 | 1,254                 | 73                    | 4                     |
| Roseau.....        | 515                  | 723                  | 537                 | 632                   | 18                    | 4                     |
| St. Louis.....     | 4,270                | 5,901                | 4,997               | 8,551                 | 181                   | 82                    |
| Scott.....         | 1,531                | 768                  | 1,588               | 996                   | 23                    | 26                    |
| Sherburne.....     | 354                  | 745                  | 373                 | 931                   | 49                    | 7                     |
| Sibley.....        | 1,021                | 1,296                | 1,272               | 1,736                 | 45                    | 28                    |
| Stearns.....       | 3,492                | 2,350                | 4,244               | 2,460                 | 119                   | 62                    |
| Steele.....        | 1,370                | 1,705                | 1,188               | 1,833                 | 107                   | 11                    |
| Stevens.....       | 566                  | 894                  | 682                 | 1,035                 | 50                    | 13                    |
| Swift.....         | 1,512                | 1,419                | 1,028               | 1,373                 | 61                    | 20                    |
| Todd.....          | 1,160                | 2,150                | 1,487               | 2,212                 | 192                   | 28                    |
| Traverse.....      | 405                  | 510                  | 720                 | 765                   | 30                    | 7                     |
| Wabasha.....       | 1,441                | 1,935                | 1,406               | 2,114                 | 110                   | 20                    |
| Wadena.....        | 369                  | 881                  | 448                 | 949                   | 36                    | 11                    |
| Waseca.....        | 1,129                | 1,430                | 1,155               | 1,744                 | 51                    | 27                    |
| Washington.....    | 1,739                | 1,989                | 1,279               | 2,984                 | 47                    | 37                    |

MINNESOTA—Continued.

| COUNTIES.       | GOVERNOR,<br>1902.   |                      | PRESIDENT,<br>1900. |                       |                       |                       |
|-----------------|----------------------|----------------------|---------------------|-----------------------|-----------------------|-----------------------|
|                 | Ros-<br>ing,<br>Dem. | Van<br>Sant,<br>Rep. | Bryan,<br>Dem.      | Mc-<br>Kinley<br>Rep. | Wool-<br>ley,<br>Pro. | Debs.<br>Soe.<br>Dem. |
| Watowan.....    | 445                  | 1,059                | 509                 | 1,509                 | 66                    | 10                    |
| Wilkin.....     | 342                  | 763                  | 663                 | 812                   | 51                    | 25                    |
| Winona.....     | 2,807                | 2,919                | 3,436               | 3,905                 | 87                    | 62                    |
| Wright.....     | 1,345                | 2,426                | 1,888               | 3,153                 | 100                   | 46                    |
| Yellow Med..... | 485                  | 1,077                | 763                 | 1,743                 | 111                   | 20                    |
| Total.....      | 99,375               | 155,961              | 112,901             | 190,461               | 8,555                 | 3,065                 |
| Plurality.....  |                      | 56,496               |                     | 77,560                |                       |                       |
| Percent.....    | 36.39                | 57.79                | 35.69               | 60.21                 | 2.70                  | 0.96                  |
| Scattering..... |                      | 17,876               |                     | 1,329                 |                       |                       |
| Whole vote..... |                      | 273,112              |                     | 316,311               |                       |                       |

The scattering vote for Governor in 1902 was: Meighen, Peo., 5,347; Scanlan, Pro., 5,735; Van Lear, Soc. L., 2,426; Nash (no party), 2,393. The vote for Governor in 1900 was: Lind, Fus., 150,651; Van Sant, Rep., 152,905.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1902. Districts.

- I. Counties of Dodge, Fillmore, Freeborn, Houston, Mower, Olmsted, Steele, Wabasha, Waseca, and Winona. Patrick McGovern, Dem., 12,356; Jas. A. Tawney, Rep., 19,593. Tawney's majority, 7,233.
- II. Counties of Blue Earth, Brown, Cottonwood, Faribault, Jackson, Martin, Murray, Nobles, Pipestone, Rock, and Watowan. Chas. N. Andrews, Dem., 9,314; James T. McLeary, Rep., 16,095. McLeary's majority, 6,781.
- III. Counties of Carver, Dakota, Goodhue, Le Sueur, McLeod, Nicollet, Rice, Scott, and Sibley. C. C. Kears, Dem., 11,068; Charles R. Davis, Rep., 161,600; Charles H. Blood, Pro., 611. Davis' plurality, 5,532.
- IV. Counties of Chisago, Ramsey, and Washington. F. H. Gieske, Dem., 11,412; F. C. Stevens, Rep., 17,404. Stevens' majority, 5,992.
- V. County of Hennepin. John Lind, Dem., 19,863; Lorea Fletcher, Rep., 17,809; Spencer H. Holman Soc., 215; scattering, 847. Lind's plurality, 2,054.
- VI. Counties of Benton, Cass, Crow Wing, Douglas, Hubbard, Meeker, Morrison, Sherburne, Stearns, Todd, Wadena, and Wright. J. A. DuBois, Dem., 13,676; C. B. Buckman, Rep., 17,879. Buckman's plurality, 4,203.
- VII. Counties of Big Stone, Chippewa, Grant, Kandiyohi, Lac qui Parle, Lincoln, Lyon, Pope, Redwood, Stevens, Swift, Traverse, and Yellow Medicine. Andrew J. Volstead, Rep., 20,511; August O. Forsberg, Peo., 5,415. Volstead's majority, 15,096.
- VIII. Counties of Aitkin, Anoka, Carlton, Cook, Isanti, Itasca, Kanabec, Lake, Mille Lacs, Pine, and St. Louis. Marcus L. Fay, Dem., 8,892; Y. Adam Bede, Rep., 14,496; V. C. Koneczny, Soc., 496. Bede's plurality, 5,604.
- IX. Counties of Becker, Beltrami, Clay, Kittson, Marshall, Norman, Otter Tail, Polk, Red Lake, Roseau, and Wilkin. Alex. McKimmon, Dem., 4,569; Halvor Steenerson, Rep., 18,036; Nels T. Moen, Peo., 6,771. Steenerson's plurality, 11,265.

PRESENT STATE GOVERNMENT.

Governor, S. R. Van Sant; Lieutenant-Governor, Rae W. Jones; Secretary of State, P. E. Hanson; Auditor, S. G. Iverson; Treasurer, J. H. Block; Attorney-General, W. B. Douglas; Clerk of Supreme Court, C. A. Pidgeon; Railroad and Warehouse Comr., I. B. Mills (Chairman), Chas. F. Staples, Jos. Miller. All other officers are appointed by the Governor.

JUDICIARY.

Supreme Court: Chief Justice, Charles M. Start, 11 Rep.; Associate Justices, Calvin L. Brown, Rep.; John A. Lovely, Rep.; Charles L. Lewis, Rep.; L. W. Collins, Rep.; Clerk, Darius F. Reese, Rep.

MINNESOTA—Continued.

| STATE LEGISLATURE, 1903.            |    |    |     |
|-------------------------------------|----|----|-----|
| <i>Senate, House, Joint Ballot.</i> |    |    |     |
| Republicans.....                    | 43 | 96 | 139 |
| Democrats.....                      | 13 | 23 | 35  |
| People.....                         | 1  | .. | 1   |
| Fusion.....                         | 6  | .. | 6   |
| Ind. Republican.....                | 1  | .. | 1   |
| Republican majority                 | 23 | 73 | 96  |

VOTE OF THE STATE SINCE 1872.

|                 | Dem.    |         |        |        | Rep.   |    |    |    | Gr. |    |    |    | Pro. |    |    |              | Plu. |
|-----------------|---------|---------|--------|--------|--------|----|----|----|-----|----|----|----|------|----|----|--------------|------|
|                 |         |         |        |        |        |    |    |    |     |    |    |    |      |    |    |              |      |
| 1872. Pres..... | 35,211  | 56,708  | ..     | ..     | ..     | .. | .. | .. | ..  | .. | .. | .. | ..   | .. | .. | *20,497 R    |      |
| 1876. Pres..... | 48,587  | 72,955  | 2,389  | ..     | ..     | .. | .. | .. | ..  | .. | .. | .. | ..   | .. | .. | *24,368 R    |      |
| 1880. Pres..... | 53,315  | 93,302  | 3,267  | ..     | ..     | .. | .. | .. | ..  | .. | .. | .. | ..   | .. | .. | 286 40,588 R |      |
| 1884. Pres..... | 70,065  | 111,685 | 3,583  | 4,684  | ..     | .. | .. | .. | ..  | .. | .. | .. | ..   | .. | .. | 41,620 R     |      |
| <i>U. Lab.</i>  |         |         |        |        |        |    |    |    |     |    |    |    |      |    |    |              |      |
| 1888. Pres..... | 104,385 | 142,492 | 1,094  | 15,311 | 33,106 | R  |    |    |     |    |    |    |      |    |    |              |      |
| <i>Pop.</i>     |         |         |        |        |        |    |    |    |     |    |    |    |      |    |    |              |      |
| 1892. Pres..... | 100,920 | 122,823 | 29,313 | 14,182 | 12,367 | R  |    |    |     |    |    |    |      |    |    |              |      |
| 1896. Pres..... | 139,735 | 193,503 | ..     | 4,348  | 53,768 | R  |    |    |     |    |    |    |      |    |    |              |      |
| <i>Fis.</i>     |         |         |        |        |        |    |    |    |     |    |    |    |      |    |    |              |      |
| 1898. Gov.....  | 131,980 | 111,796 | 1,766  | 5,299  | 20,154 | F  |    |    |     |    |    |    |      |    |    |              |      |
| 1900. Gov.....  | 150,651 | 152,965 | ..     | ..     | 2,254  | R  |    |    |     |    |    |    |      |    |    |              |      |
| 1900. Pres..... | 112,901 | 190,401 | ..     | 8,555  | 77,560 | R  |    |    |     |    |    |    |      |    |    |              |      |
| <i>Soc.</i>     |         |         |        |        |        |    |    |    |     |    |    |    |      |    |    |              |      |
| 1902. Gov.....  | 99,375  | 155,861 | 3,074  | 5,594  | 56,486 | R  |    |    |     |    |    |    |      |    |    |              |      |

\* Majority. † Majority over the Fusion electoral vote.

MISSISSIPPI.

| COUNTIES.<br>(75.) | PRESIDENT, 1900. |                |                   | PRESIDENT, 1896. |                |                   |
|--------------------|------------------|----------------|-------------------|------------------|----------------|-------------------|
|                    | Bryan, Dem.      | Mc-Kinley Rep. | Barker M. R. Pop. | Bryan, Dem.      | Mc-Kinley Rep. | Barker M. R. Pop. |
| Adams.....         | 530              | 113            | 14                | 507              | 174            | 174               |
| Alcorn.....        | 773              | 88             | 19                | 925              | 57             | 21                |
| Amite.....         | 772              | 27             | 44                | 983              | 21             | 21                |
| Attala.....        | 1,121            | 138            | 44                | 1,307            | 164            | 164               |
| Benton.....        | 621              | 66             | 4                 | 636              | 113            | 113               |
| Bolivar.....       | 392              | 183            | ..                | 360              | 117            | 117               |
| Calhoun.....       | 868              | 73             | 30                | 948              | 33             | 33                |
| Carroll.....       | 712              | 69             | 80                | 1,187            | 79             | 79                |
| Chickasaw.....     | 470              | 52             | 139               | 666              | 70             | 70                |
| Choctaw.....       | 599              | 98             | 113               | 908              | 54             | 54                |
| Claiborne.....     | 373              | 17             | 8                 | 514              | 15             | 15                |
| Clarke.....        | 676              | 17             | 8                 | 947              | 7              | 7                 |
| Clay.....          | 680              | 22             | 18                | 676              | 34             | 34                |
| Coahoma.....       | 266              | 106            | 6                 | 347              | 83             | 83                |
| Copiah.....        | 1,314            | 54             | 50                | 1,588            | 63             | 63                |
| Covington.....     | 452              | 206            | 6                 | 731              | 72             | 72                |
| De Soto.....       | 734              | 51             | 9                 | 888              | 58             | 58                |
| Franklin.....      | 403              | 36             | 40                | 592              | 17             | 17                |
| Greene.....        | 139              | 65             | ..                | 266              | 30             | 30                |
| Grenada.....       | 481              | 38             | 5                 | 483              | 48             | 48                |
| Hancock.....       | 314              | 187            | 6                 | 348              | 17             | 17                |
| Harrison.....      | 619              | 142            | 11                | 757              | 17             | 17                |
| Hinds.....         | 1,376            | 65             | 13                | 1,643            | 144            | 144               |
| Holmes.....        | 906              | 39             | 14                | 1,010            | 74             | 74                |
| Issaquena.....     | 85               | 13             | 1                 | 97               | 39             | 39                |
| Itawamba.....      | 824              | 107            | 15                | 1,089            | 32             | 32                |
| Jackson.....       | 423              | 167            | 9                 | 723              | 181            | 181               |
| Jasper.....        | 740              | 32             | 22                | 871              | 20             | 20                |
| Jefferson.....     | 492              | 12             | 1                 | 627              | 55             | 55                |
| Jones.....         | 630              | 196            | 56                | 934              | 35             | 35                |
| Kemper.....        | 688              | 90             | 73                | 922              | 72             | 72                |
| Lafayette.....     | 1,025            | 89             | 14                | 1,314            | 129            | 129               |
| Lauderdale.....    | 1,424            | 41             | 49                | 1,978            | 98             | 98                |
| Lawrence.....      | 533              | 120            | 20                | 774              | 175            | 175               |
| Leake.....         | 997              | 25             | 20                | 1,164            | 91             | 91                |
| Lee.....           | 1,032            | 63             | 32                | 1,241            | 34             | 34                |
| Leflore.....       | 431              | 6              | 7                 | 316              | 74             | 74                |
| Lincoln.....       | 636              | 225            | 18                | 954              | 154            | 154               |
| Lowndes.....       | 749              | 27             | 4                 | 820              | 13             | 13                |
| Madison.....       | 674              | 61             | 5                 | 763              | 66             | 66                |
| Marion.....        | 488              | 182            | 12                | 839              | 228            | 228               |
| Marshall.....      | 1,095            | 91             | 4                 | 1,286            | 73             | 73                |
| Monroe.....        | 1,277            | 62             | 26                | 1,608            | 71             | 71                |
| Montgomery.....    | 844              | 28             | 18                | 1,058            | 23             | 23                |
| Neshoba.....       | 803              | 41             | 90                | 1,055            | 7              | 7                 |
| Newton.....        | 1,194            | 16             | 31                | 1,201            | 9              | 9                 |
| Noxubee.....       | 627              | 7              | 14                | 715              | 12             | 12                |
| Oktibbeha.....     | 666              | 14             | 11                | 816              | 27             | 27                |
| Panola.....        | 1,043            | 33             | 11                | 1,235            | 78             | 78                |

MISSISSIPPI—Continued.

| COUNTIES.         | PRESIDENT, 1900. |                |             | PRESIDENT, 1896. |                |             |
|-------------------|------------------|----------------|-------------|------------------|----------------|-------------|
|                   | Bryan, Dem.      | Mc-Kinley Rep. | Barker Pop. | Bryan, Dem.      | Mc-Kinley Rep. | Barker Pop. |
| Pearl River.....  | 205              | 41             | 2           | 266              | 34             | 34          |
| Perry.....        | 431              | 197            | 17          | 419              | 30             | 30          |
| Pike.....         | 1,252            | 131            | 6           | 1,380            | 120            | 120         |
| Pontotoc.....     | 739              | 182            | 61          | 944              | 64             | 64          |
| Prentiss.....     | 907              | 210            | 23          | 973              | 59             | 59          |
| Quitman.....      | 115              | 34             | 1           | 171              | 40             | 40          |
| Rankin.....       | 816              | 45             | 12          | 1,044            | 76             | 76          |
| Scott.....        | 669              | 17             | 24          | 780              | 23             | 23          |
| Sharkey.....      | 186              | 18             | 4           | 194              | 22             | 22          |
| Simpson.....      | 493              | 74             | 25          | 677              | 53             | 53          |
| Smith.....        | 542              | 72             | 3           | 1,077            | 1              | 1           |
| Sunflower.....    | 341              | 8              | 3           | 459              | 24             | 24          |
| Tallahatchie..... | 504              | 16             | 1           | 779              | 23             | 23          |
| Tate.....         | 1,033            | 38             | 6           | 1,125            | 76             | 76          |
| Tippah.....       | 923              | 106            | 16          | 1,063            | 103            | 103         |
| Tishomingo.....   | 706              | 123            | 2           | 851              | 67             | 67          |
| Tunica.....       | 199              | 36             | 1           | 174              | 62             | 62          |
| Union.....        | 1,156            | 189            | 22          | 1,262            | 114            | 114         |
| Warren.....       | 805              | 136            | 7           | 867              | 183            | 183         |
| Washington.....   | 587              | 122            | 1           | 611              | 98             | 98          |
| Wayne.....        | 424              | 74             | 23          | 655              | 30             | 30          |
| Webster.....      | 696              | 156            | 42          | 876              | 127            | 127         |
| Wilkinson.....    | 482              | 31             | 5           | 561              | 35             | 35          |
| Winston.....      | 606              | 42             | 43          | 1,095            | 32             | 32          |
| Yalobusha.....    | 939              | 68             | 19          | 1,110            | 73             | 73          |
| Yazoo.....        | 917              | 15             | 29          | 1,159            | 24             | 24          |
| Total.....        | 51,706           | 5,753          | 1,644       | 63,253           | 4,849          | 4,849       |
| Plurality.....    | 45,953           | ..             | ..          | 58,404           | ..             | ..          |
| Per cent.....     | 87.47            | 9.72           | 3.78        | 90.99            | 6.97           | 6.97        |
| Scattering.....   | ..               | ..             | ..          | 1,411            | ..             | ..          |
| Whole vote.....   | ..               | 59,103         | ..          | 69,513           | ..             | ..          |

The scattering vote for President in 1896 was: Palmer, N. D., 1,021; Levering, Pro., 390.

At special election held in 1901 to fill vacancy in office of Secretary of State, Power had 12,116; George, 3,711; Quinn, 2,767; Kirkford, 2,418; Dial, 1,745. To fill vacancy State Treasurer, Carlisle had 12,932; Evans, 9,424—all Democrats.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1902.

Districts.

I. Counties of Alcorn, Itawamba, Lee, Lowndes, Monroe, Oktibbeha, Prentiss, and Tishomingo. E. S. Chandler, Jr., Dem., 3,245. No opposition.

II. Counties of Benton, De Soto, Lafayette, Marshall, Panola, Tallahatchie, Tippah, Tate, and Union. Thomas Spight, Dem., 2,523. No opposition.

III. Counties of Bolivar, Coahoma, Issaquena, LeFlore, Quitman, Sharkey, Sunflower, Tunica, and Washington. B. G. Humphreys, Dem., 1,146. No opposition.

IV. Counties of Calhoun, Carroll, Chickasaw, Choctaw, Clay, Grenada, Kemper, Montgomery, Noxubee, Pontotoc, Webster, Winston, and Yalobusha. W. S. Hill, Dem., 2,834. No opposition.

V. Counties of Attala, Clarke, Holmes, Jasper, Lauderdale, Leake, Neshoba, Newton, Scott, Smith, and Wayne. Adam Byrd, Dem., 3,081. No opposition.

VI. Counties of Adams, Amite, Covington, Greene, Hancock, Harrison, Jackson, Jones, Lawrence, Marion, Perry, Pike, and Wilkinson. E. J. Bowers, Dem., 1,774. No opposition.

VII. Counties of Claiborne, Copiah, Franklin, Jefferson, Lincoln, and Simpson. F. A. McLain, Dem., 2,022. No opposition.

VIII. Counties of Warren, Yazoo, Madison, Hinds, and Rankin. John S. Williams, Dem., 1,433. No opposition.

PRESENT STATE GOVERNMENT.

Governor, A. H. Longino; Lieutenant-Governor, J. T. Harrison; Secretary of State, J. W. Power; Treasurer, Geo. W. Carlisle; Auditor, W. Q. Cole; Superintendent of Education, H. L. Whitfield; Attorney-General, Monroe McCullough; Adjutant-General, William Henry; Land Commissioner, E. H. Nall—all Democrats.

MISSISSIPPI—Continued.

JUDICIARY.  
Supreme Court: Chief Justice, A. H. Whitfield; Associate Justices, S. H. Terral and S. S. Calhoun; Clerk of the Court, Edward W. Brown—all Democrats.

STATE LEGISLATURE, 1903.  
The State Legislature is wholly Democratic, except two Populists in the lower house.

VOTE OF THE STATE SINCE 1872.

|                    | Dem.    | Rep.   | Gr.     | Pop.   | Maj.      |
|--------------------|---------|--------|---------|--------|-----------|
| 1872. President... | 47,287  | 82,406 |         |        | 35,119 R  |
| 1876. President... | 112,143 | 52,705 |         |        | 59,438 D  |
| 1880. President... | 75,750  | 34,854 | 5,797   |        | *40,896 D |
| 1884. President... | 76,510  | 43,509 |         |        | 37,001 D  |
| 1888. Governor...  | 88,783  | 1,081  |         |        | 83,702 D  |
|                    |         |        | Pro.    |        |           |
| 1888. President... | 85,471  | 30,096 | 218     |        | 55,375 D  |
| 1892. President... | 40,237  | 1,406  | 910     | 10,256 | 29,981 D  |
| 1896. Governor...  | 46,873  |        |         | 17,466 | *22,407 D |
|                    |         |        | Nat. D. |        |           |
| 1896. President... | 63,253  | 4,849  | 390     | 1,021  | 58,404 D  |
|                    |         |        | Pop.    |        |           |
| 1899. Governor...  | 42,273  |        |         | 6,097  | 36,176 D  |
| 1900. President... | 51,706  | 5,753  |         | 10,644 | 45,953 D  |

\*Plurality.

MISSOURI.

| COUNTIES.<br>(115.) | Jus. Sup. Ct.,<br>1902. |                 | PRESIDENT,<br>1900. |                   |                       |                    |
|---------------------|-------------------------|-----------------|---------------------|-------------------|-----------------------|--------------------|
|                     | Valliant,<br>Dem.       | Higbee,<br>Rep. | Bryan,<br>Dem.      | McKinley,<br>Rep. | Woolley,<br>Pro. Dem. | Debs,<br>Soc. Dem. |
| Adair               | 1,343                   | 1,776           | 2,180               | 2,673             | 62                    | 21                 |
| Andrew              | 1,673                   | 1,974           | 2,022               | 2,356             | 54                    | 17                 |
| Atchison            | 1,574                   | 1,506           | 1,926               | 1,767             | 122                   | 14                 |
| Audrain             | 2,538                   | 952             | 3,477               | 1,436             | 61                    | 14                 |
| Barry               | 2,241                   | 2,084           | 2,661               | 2,420             | 44                    | 27                 |
| Barton              | 1,827                   | 1,606           | 2,349               | 1,780             | 96                    | 83                 |
| Bates               | 2,880                   | 2,493           | 3,591               | 2,731             | 150                   | 105                |
| Benton              | 1,141                   | 1,617           | 1,532               | 1,980             | 27                    | 29                 |
| Bollinger           | 1,408                   | 1,413           | 1,533               | 1,515             | 21                    | 13                 |
| Boone               | 3,883                   | 990             | 4,793               | 1,672             | 53                    | 21                 |
| Buchanan            | 7,626                   | 5,249           | 8,925               | 8,329             | 198                   | 57                 |
| Butler              | 1,600                   | 1,694           | 1,670               | 1,888             | 10                    | 70                 |
| Caldwell            | 1,199                   | 1,722           | 1,722               | 2,235             | 65                    | 13                 |
| Callaway            | 3,285                   | 1,032           | 4,133               | 1,864             | 31                    | 8                  |
| Camden              | 812                     | 1,270           | 1,078               | 1,511             | 1                     | 8                  |
| Cape Gir'rd'u       | 2,073                   | 2,493           | 2,318               | 2,778             | 87                    | 27                 |
| Carroll             | 2,876                   | 2,698           | 3,800               | 3,192             | 75                    | 23                 |
| Carter              | 630                     | 496             | 755                 | 629               | 3                     | 3                  |
| Cass                | 2,475                   | 1,484           | 3,250               | 2,162             | 89                    | 75                 |
| Cedar               | 1,359                   | 1,535           | 1,820               | 1,845             | 23                    | 21                 |
| Chariton            | 2,016                   | 985             | 3,028               | 2,138             | 37                    | 26                 |
| Christian           | 930                     | 1,573           | 1,326               | 2,107             | 24                    | 7                  |
| Clark               | 1,622                   | 1,631           | 2,021               | 1,899             | 49                    | 16                 |
| Clay                | 2,522                   | 477             | 3,585               | 921               | 55                    | 10                 |
| Clinton             | 1,700                   | 1,090           | 405                 | 1,745             | 61                    | 11                 |
| Cole                | 2,160                   | 1,946           | 3,260               | 2,157             | 9                     | 15                 |
| Cooper              | 2,450                   | 2,608           | 2,756               | 2,738             | 33                    | 17                 |
| Crawford            | 1,186                   | 1,320           | 818                 | 1,470             | 17                    | 22                 |
| Dade                | 1,384                   | 1,800           | 1,921               | 1,992             | 25                    | 44                 |
| Dallas              | 921                     | 1,460           | 1,238               | 1,506             | 20                    | 7                  |
| Davness             | 2,109                   | 2,039           | 2,670               | 2,373             | 113                   | 21                 |
| De Kalb             | 1,647                   | 1,467           | 1,840               | 1,669             | 60                    | 8                  |
| Dent                | 1,184                   | 1,003           | 1,419               | 1,085             | 12                    | 8                  |
| Douglas             | 574                     | 1,458           | 858                 | 1,705             | 10                    | 14                 |
| Dunklin             | 2,062                   | 963             | 2,711               | 1,276             | 24                    | 33                 |
| Franklin            | 1,995                   | 2,877           | 2,652               | 3,696             | 38                    | 18                 |
| Gasconade           | 411                     | 1,495           | 875                 | 2,015             | 13                    | 15                 |
| Genry               | 2,179                   | 1,931           | 2,459               | 2,185             | 85                    | 17                 |
| Greene              | 4,527                   | 5,114           | 5,519               | 6,008             | 73                    | 93                 |
| Grundy              | 574                     | 1,263           | 1,532               | 2,576             | 39                    | 14                 |
| Henry               | 1,245                   | 2,022           | 2,302               | 3,083             | 108                   | 19                 |
| Hickory             | 2,828                   | 2,004           | 3,777               | 2,626             | 155                   | 39                 |
| Holt                | 589                     | 1,084           | 777                 | 1,270             | 13                    | 10                 |
| Howard              | 1,412                   | 1,981           | 1,765               | 2,392             | 80                    | 18                 |
| Howell              | 2,359                   | 830             | 3,134               | 1,295             | 37                    | 10                 |
| Iron                | 1,637                   | 1,767           | 1,975               | 2,059             | 39                    | 38                 |
| Jackson             | 855                     | 585             | 2,932               | 642               | 11                    | 5                  |
| Jasper              | 20,425                  | 14,331          | 54,21               | 51,581            | 398                   | 494                |
| Jefferson           | 6,779                   | 7,240           | 9,658               | 8,747             | 220                   | 327                |
| Jefferson           | 2,474                   | 2,436           | 2,798               | 2,775             | 28                    | 14                 |

MISSOURI—Continued.

| COUNTIES.      | Jus. Sup. Ct.,<br>1902. |                 | PRESIDENT,<br>1900. |                   |                  |                    |  |
|----------------|-------------------------|-----------------|---------------------|-------------------|------------------|--------------------|--|
|                | Valliant,<br>Dem.       | Higbee,<br>Rep. | Bryan,<br>Dem.      | McKinley,<br>Rep. | Woolley,<br>Pro. | Debs,<br>Soc. Dem. |  |
| Johnson        | 2,852                   | 2,238           | 3,612               | 3,051             | 74               | 37                 |  |
| Knox           | 1,372                   | 916             | 1,908               | 1,844             | 46               | 12                 |  |
| Laclede        | 1,498                   | 1,619           | 1,786               | 1,686             | 17               | 7                  |  |
| Lafayette      | 2,744                   | 2,018           | 4,217               | 3,311             | 50               | 22                 |  |
| Lawrence       | 2,465                   | 2,736           | 3,313               | 3,552             | 87               | 61                 |  |
| Lewis          | 1,660                   | 796             | 2,583               | 1,442             | 44               | 26                 |  |
| Lincoln        | 1,914                   | 862             | 2,761               | 1,563             | 55               | 18                 |  |
| Linn           | 2,543                   | 2,480           | 3,137               | 3,104             | 40               | 10                 |  |
| Livingston     | 2,022                   | 1,973           | 2,659               | 2,493             | 125              | 29                 |  |
| McDonald       | 1,163                   | 1,019           | 1,469               | 1,158             | 33               | 22                 |  |
| Macon          | 3,140                   | 3,019           | 4,174               | 3,568             | 68               | 133                |  |
| Madison        | 1,082                   | 852             | 1,153               | 881               | 15               | 6                  |  |
| Maries         | 962                     | 438             | 1,273               | 544               | 3                | 3                  |  |
| Marion         | 2,373                   | 1,131           | 3,927               | 2,490             | 72               | 21                 |  |
| Mercer         | 801                     | 1,629           | 1,106               | 1,973             | 41               | 11                 |  |
| Miller         | 1,296                   | 1,585           | 1,493               | 1,796             | 22               | 4                  |  |
| Mississippi    | 1,190                   | 807             | 1,384               | 1,020             | 12               | 7                  |  |
| Moniteau       | 1,615                   | 1,514           | 1,876               | 1,684             | 32               | 23                 |  |
| Monroe         | 2,875                   | 402             | 4,016               | 795               | 23               | 17                 |  |
| Montgomery     | 1,770                   | 1,772           | 2,000               | 1,866             | 83               | 15                 |  |
| Morgan         | 1,277                   | 1,375           | 1,390               | 1,434             | 15               | 6                  |  |
| New Madrid     | 1,091                   | 311             | 1,379               | 668               | 1                | 3                  |  |
| Newton         | 2,469                   | 2,262           | 2,877               | 2,673             | 148              | 33                 |  |
| Nodaway        | 3,588                   | 3,563           | 4,055               | 3,858             | 112              | 53                 |  |
| Oregon         | 1,115                   | 407             | 1,768               | 652               | 5                | 27                 |  |
| Osage          | 1,325                   | 1,661           | 1,396               | 1,731             | 50               | 10                 |  |
| Ozark          | 527                     | 974             | 695                 | 1,272             | 16               | 5                  |  |
| Pemiscot       | 1,215                   | 395             | 1,370               | 855               | 1                | 4                  |  |
| Perry          | 1,657                   | 1,620           | 1,650               | 1,681             | 16               | 14                 |  |
| Pettis         | 2,467                   | 2,971           | 3,820               | 3,924             | 65               | 103                |  |
| Phelps         | 1,471                   | 1,074           | 1,603               | 1,153             | 18               | 13                 |  |
| Pike           | 2,741                   | 1,793           | 3,747               | 2,694             | 35               | 12                 |  |
| Platte         | 2,100                   | 467             | 3,052               | 987               | 20               | 4                  |  |
| Polk           | 1,722                   | 2,038           | 2,178               | 2,679             | 43               | 17                 |  |
| Polaski        | 1,074                   | 698             | 1,282               | 782               | 7                | 2                  |  |
| Putnam         | 850                     | 1,527           | 1,159               | 2,337             | 33               | 16                 |  |
| Ralls          | 1,555                   | 468             | 2,161               | 1,770             | 18               | 4                  |  |
| Randolph       | 2,664                   | 1,310           | 4,006               | 1,932             | 51               | 36                 |  |
| Ray            | 1,575                   | 1,161           | 3,631               | 2,004             | 46               | 3                  |  |
| Reynolds       | 669                     | 256             | 1,027               | 451               | 2                | 21                 |  |
| Ripley         | 1,051                   | 516             | 1,439               | 822               | 31               | 2                  |  |
| St. Charles    | 1,472                   | 2,495           | 2,343               | 3,224             | 14               | 34                 |  |
| St. Clair      | 1,592                   | 1,540           | 2,036               | 1,844             | 75               | 21                 |  |
| St. Francois   | 2,562                   | 2,331           | 2,707               | 2,956             | 39               | 17                 |  |
| St. Genevieve  | 1,014                   | 700             | 1,296               | 935               | 5                | 5                  |  |
| St. Louis      | 2,095                   | 5,157           | 3,864               | 6,537             | 60               | 100                |  |
| St. Louis City | 46,169                  | 32,245          | 59,983              | 60,597            | 327              | 2,750              |  |
| Saline         | 3,219                   | 3,519           | 4,941               | 2,814             | 58               | 29                 |  |
| Schuyler       | 1,112                   | 922             | 1,335               | 1,061             | 65               | 2                  |  |
| Scott          | 1,432                   | 1,039           | 1,760               | 1,272             | 50               | 12                 |  |
| Scott          | 1,206                   | 638             | 1,706               | 821               | 14               | 14                 |  |
| Shannon        | 970                     | 535             | 1,279               | 716               | 8                | 15                 |  |
| Shelby         | 1,759                   | 746             | 2,578               | 1,217             | 57               | 5                  |  |
| Stoddard       | 1,869                   | 1,281           | 2,695               | 1,540             | 30               | 32                 |  |
| Stone          | 302                     | 755             | 573                 | 1,182             | 7                | 15                 |  |
| Sullivan       | 2,238                   | 2,260           | 2,395               | 2,738             | 58               | 17                 |  |
| Taney          | 597                     | 829             | 753                 | 1,137             | 10               | 16                 |  |
| Texas          | 1,800                   | 1,463           | 2,218               | 1,713             | 14               | 9                  |  |
| Vernon         | 2,738                   | 1,712           | 4,306               | 2,356             | 118              | 61                 |  |
| Warren         | 360                     | 1,168           | 579                 | 1,599             | 15               | 27                 |  |
| Washington     | 1,394                   | 1,561           | 1,500               | 1,751             | 12               | 3                  |  |
| Wayne          | 1,616                   | 1,582           | 1,745               | 1,648             | 19               | 13                 |  |
| Webster        | 1,637                   | 1,662           | 1,702               | 1,721             | 10               | 16                 |  |
| Worth          | 1,098                   | 1,017           | 1,123               | 1,023             | 34               | 8                  |  |
| Wright         | 1,325                   | 1,658           | 1,600               | 1,703             | 27               | 11                 |  |
| Total          | 27,308                  | 22,837          | 35,122              | 31,092            | 5,965            | 6,139              |  |
| Plurality      | 44,684                  | 37,830          |                     |                   |                  |                    |  |
| Per cent.      | 52.72                   | 44.09           | 51.48               | 46.09             | 0.87             | 0.89               |  |
| Scattering     | 16,499                  |                 |                     | 5,538             |                  |                    |  |
| Whole vote.    | 517,977                 |                 |                     | 683,656           |                  |                    |  |

For Justice Sup. Court, in 1902, Gibbons, Soc., received 5,335 votes; Robinson, Pro., 4,995; Pub. Party, 3,358; Allied Party, 1,841; Soc. L., 969.

The scattering vote for President in 1900 was: Barker, M. R., Pop., 4,244; Malloney, Soc. L., 1,294.

MISSOURI—Continued.

MISSOURI—Continued.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1902.

**Districts.**  
 I. Counties of Adair, Clark, Knox, Lewis, Macon, Marion, Putnam, Schuyler, Scotland, and Shelby. James T. Lloyd, Dem., 16,972; Lee T. Robinson, Rep., 13,173; scattering, 63.

II. Counties of Carroll, Chariton, Grundy, Linn, Livingston, Monroe, Randolph, and Sullivan. William W. Rucker, Dem., 18,045; John L. Schmitz, Rep., 13,393; scattering, 2.

III. Counties of Caldwell, Clay, Clinton, Daviess, De Kalb, Gentry, Harrison, Mercer, Ray, and Worth. John Dougherty, Dem., 17,270; Robt. E. Ward, Rep., 14,618; scattering, 6.

IV. Counties of Andrew, Atchison, Buchanan, Holt, Nodaway, and Platte. C. F. Cochran, Dem., 18,392; Oswald M. Gilmer, Rep., 14,510.

V. County of Jackson. Wm. S. Cowherd, Dem., 20,628; R. T. Vanthorn, Rep., 14,393; U. S. G. Hughes, Pro., 345; Thos. Wolfe, Allied, 81; Chas. N. Wellman, Soc., 49.

VI. Counties of Bates, Cass, Cedar, Dade, Henry, Johnson, and St. Clair. David A. De Armond, Dem., 15,639; L. W. Shafer, Rep., 13,124.

VII. Counties of Benton, Greene, Hickory, Howard, Lafayette, Pettis, Polk, and Saline. C. W. Hamlin, Dem., 19,377; G. P. Peale, Rep., 17,250.

VIII. Counties of Boone, Camden, Cole, Cooper, Miller, Monticau, Morgan, and Osage. Dorsey W. Shackelford, Dem., 14,465; I. N. Enloe, Rep., 13,135; scattering, 1.

IX. Counties of Audrain, Callaway, Franklin, Gasconade, Lincoln, Montgomery, Pike, Ralls, St. Charles, and Warren. Champ Clark, Dem., 15,591; Alonzo Tubbs, Rep., 14,770.

X. County of St. Louis, and city (part). Richard T. Blow, Dem., 15,262; Richard Bartholdt, Rep., 21,516; Wm. M. Brandt, Soc., 1,256; Charles Grupp, Soc. L., 236; Chas. H. Kunst, Allied, 807; scattering, 2.

XI. St. Louis City. John F. Hunt, Dem., 14,913; Chas. F. Joy, Rep., 10,077; S. A. McInturf, Soc., 426; H. J. Poelling, Soc. L., 113; Jos. E. Chambers, Allied, 401.

XII. St. Louis City. James J. Butler, Dem., 15,316; Geo. D. Reynolds, Rep., 8,638; Christ. Roeker, Soc., 355; William Billsbarrow, Soc. L., 35; Henry H. Artz, Allied, 200; scattering, 2.

XIII. James J. Butler elected to fill short term.

XIII. Counties of Bollinger, Carter, Iron, Jefferson, Madison, Perry, Reynolds, St. Francois, St. Genevieve, Washington and Wayne. E. Robb, Dem., 15,442; J. H. Raney, Rep., 13,893.

XIV. Counties of Butler, Cape Girardeau, Christian, Douglas, Dunklin, Howell, Mississippi, New Madrid, Oregon, Ozark, Pemiscon, Ripley, Scott, Stoddard, Stone, and Taney. W. D. Vandiver, Dem., 19,868; Herschel P. Kinsolving, Rep., 16,788; scattering, 74.

XV. Counties of Barry, Barton, Jasper, Lawrence, McDonald, Newton, and Vernon. M. E. Benton, Dem., 20,038; Theo. Lacaff, Rep., 18,511; Ernest W. Dow, Pro., 725; scattering, 4.

XVI. Counties of Crawford, Dallas, Dent, Laclede, Maries, Phelps, Pulaski, Shannon, Texas, Webster, and Wright. Robert Lamar, Dem., 14,102; B. F. Russell, Rep., 12,996; scattering, 20.

**EXECUTIVE STATE GOVERNMENT.**  
 Governor, Alexander M. Dockery; Lieutenant-Governor, John A. Lee; Secretary of State, Sam. B. Cook; Auditor, Albert G. Allen; Treasurer, Robt. P. Williams; Attorney-General, E. C. Crow; Superintendent Public Schools, Wm. T. Carrington; Adjutant-General, W. T. Dameon; Secretary Board of Agriculture, Geo. B. Ellis (p. o. Columbia); Superintendent of Insurance, Robt. G. Yates; Commissioner of Labor, William Anderson—all Democrats.

**JUDICIARY.**  
 Supreme Court: Chief Justice, Walcott M. Robinson; Associate Justices, Leroy B. Valliant, Gaven D. Burgess, James D. Fox, James B. Gantt, William C. Marshall, and Theodore Brace; Clerk, John R. Green—all Democrats except Robison.

| STATE LEGISLATURE, 1903. |         |        |               |
|--------------------------|---------|--------|---------------|
|                          | Senate. | House. | Joint Ballot. |
| Democrats.....           | 26      | 82     | 108           |
| Republicans.....         | 8       | 60     | 68            |
| Democratic majority.     | 18      | 22     | 40            |

VOTE OF THE STATE SINCE 1872.

|                       | Dem.    | Rep.    | Gr.    | Pro.           | Plu.      |
|-----------------------|---------|---------|--------|----------------|-----------|
| 1872. President.....  | 151,434 | 119,196 | *2,429 | .....          | 32,327 D  |
| 1876. President.....  | 208,077 | 145,029 | 3,498  | .....          | 58,043 D  |
| 1880. President.....  | 208,609 | 135,567 | 37,045 | .....          | *55,042 D |
| 1884. President.....  | 233,998 | 120,929 | .....  | 2,053          | 33,059 D  |
|                       |         |         |        | <i>U. Lab.</i> |           |
| 1888. President.....  | 261,374 | 236,257 | 18,632 | 4,539          | 25,717 D  |
|                       |         |         |        | <i>Pop.</i>    |           |
| 1892. President.....  | 258,395 | 226,918 | 41,213 | 4,381          | 41,480 D  |
| 1896. President.....  | 268,667 | 304,940 | .....  | 2,169          | 58,727 D  |
| 1900. Governor.....   | 350,045 | 317,905 | 4,355  | 5,195          | 32,140 D  |
| 1900. President.....  | 351,922 | 314,092 | 4,244  | 5,965          | 37,830 D  |
|                       |         |         |        | <i>Soc.</i>    |           |
| 1902. Jus.Sup.Ct..... | 273,001 | 228,397 | 3,399  | 4,945          | 44,684 D  |

\* Including vote cast for O'Connor, Ind. Deut. † Republican and Greenback Fusion vote.

MONTANA.

| COUNTIES.<br>(24.) | JUS. SUP. CT.,<br>1902. |                   | PRESIDENT,<br>1900. |                   |                  |                    |
|--------------------|-------------------------|-------------------|---------------------|-------------------|------------------|--------------------|
|                    | Leslie,<br>Dem.         | Holloway,<br>Rep. | Bryan,<br>Dem.      | McKinley,<br>Rep. | Woolley,<br>Pro. | Debs,<br>Soc. Dem. |
| Beaverhead...      | 679                     | 982               | 937                 | 767               | 2                | 5                  |
| Broadwater.....    | 275                     | 534               | 572                 | 318               | 4                | 5                  |
| Carbon.....        | 487                     | 994               | 907                 | 930               | 2                | 26                 |
| Cascade.....       | 2,361                   | 1,620             | 2,564               | 1,997             | 26               | 56                 |
| Choteau.....       | 546                     | 850               | 629                 | 1,098             | 7                | 5                  |
| Custer.....        | 284                     | 653               | 477                 | 980               | 2                | 2                  |
| Dawson.....        | 171                     | 445               | 209                 | 521               | 2                | 5                  |
| Deer Lodge.....    | 1,178                   | 1,502             | 3,395               | 1,636             | 17               | 131                |
| Fergus.....        | 903                     | 1,162             | 913                 | 1,238             | 3                | 11                 |
| Flathead.....      | 885                     | 1,304             | 1,201               | 1,104             | 14               | 24                 |
| Gallatin.....      | 879                     | 1,242             | 1,297               | 1,146             | 50               | 22                 |
| Granite.....       | 412                     | 778               | 1,020               | 401               | 4                | 9                  |
| Jefferson.....     | 408                     | 861               | 980                 | 488               | 21               | 9                  |
| Lewis & Clarke     | 1,237                   | 2,404             | 2,763               | 2,043             | 11               | 42                 |
| Madison.....       | 848                     | 1,541             | 1,298               | 1,030             | 14               | 6                  |
| Meagher.....       | 212                     | 479               | 406                 | 414               | 2                | 1                  |
| Missoula.....      | 1,046                   | 1,667             | 1,893               | 1,392             | 15               | 24                 |
| Park.....          | 499                     | 935               | 900                 | 903               | 20               | 59                 |
| Powell.....        | 370                     | 778               | .....               | .....             | .....            | .....              |
| Ravalli.....       | 685                     | 1,061             | 1,052               | 892               | 34               | 11                 |
| Rosebud.....       | 247                     | 344               | .....               | .....             | .....            | .....              |
| Silver Bow.....    | 5,126                   | 7,310             | 12,101              | 3,873             | 35               | 240                |
| Sweet Grass.....   | 203                     | 406               | 237                 | 460               | 1                | .....              |
| Teton.....         | 442                     | 587               | 457                 | 573               | 3                | 4                  |
| Valley.....        | 288                     | 430               | 234                 | 363               | 1                | 2                  |
| Yellowstone.....   | 523                     | 890               | 654                 | 816               | 8                | 19                 |
| Total.....         | 21,204                  | 31,690            | 37,146              | 25,373            | 298              | 708                |
| Plurality.....     | 10,486                  |                   | 11,773              |                   |                  |                    |
| Percent.....       | 36.49                   | 57.24             | 58.37               | 39.71             | 0.46             | 1.11               |
| Scattering.....    | 2,466                   |                   | 116                 |                   |                  |                    |
| Whole vote         | 55,360                  |                   | 63,641              |                   |                  |                    |

For Justice Supreme Court, 1902, Cameron, Soc., received 2,466 votes.

VOTE FOR REPRESENTATIVE IN CONGRESS, 1902.  
 J. M. Evans, Dem., 19,560; J. M. Dixon, Rep., 24,626; M. Dee, Lab., 6,003; G. B. Sproule, Soc., 3,131.

STATE LEGISLATURE, 1903.  
 Senate—Dem., 13; Rep., 13; Lab., 1.  
 House—Dem., 9; Rep., 45; Lab., 9; Dem., 5.

**PRESENT STATE GOVERNMENT.**  
 Governor, J. K. Toole; Lieutenant-Governor, F. G. Higgins; Secretary of State, G. M. Hays; Treasurer, A. H. Barnes; Auditor, J. H. Calderhead; Attorney-General, James Donovan; Adjutant-General, R. McCullough; Superintendent of Education, W. W. Welch—all Fusion.

**JUDICIARY.**  
 Supreme Court: Chief Justice, Theodore Brantley, Rep.; Justices, G. R. Milburn, Dem.; Wm. L. Holloway, Rep.; Clerk, Henry G. Rickets, Dem.

VOTE OF THE STATE SINCE ADMISSION.

|                      | Dem.        | Rep.             | Mrg.                 |
|----------------------|-------------|------------------|----------------------|
| 1889. Governor.....  | 19,554      | 18,988           | 556 D                |
|                      | <i>Dem.</i> | <i>Rep. Pop.</i> | <i>Pro. Plu.</i>     |
| 1892. President..... | 17,551      | 18,351           | 7,394 549 1,270 R    |
| 1896. President..... | 42,557      | 10,494           | 186 33,043 D         |
|                      | <i>Pro.</i> | <i>Soc. D.</i>   |                      |
| 1900. Governor.....  | 31,419      | 32,691           | 4,923 F              |
| 1900. President..... | 37,146      | 25,373           | 708 298 11,773 F     |
| 1902. Sup. Jus.....  | 21,204      | 31,690           | 2,466 ..... 10,486 R |



NEBRASKA.

| COUNTIES.<br>(90.) | GOVERNOR,<br>1902.     |                      | PRESIDENT,<br>1900. |                       |                       |               | Debs.<br>Dem. |
|--------------------|------------------------|----------------------|---------------------|-----------------------|-----------------------|---------------|---------------|
|                    | Tho'p-<br>son,<br>Fus. | Mick-<br>ey,<br>Rep. | Bryan,<br>Dem.      | Mc-<br>Kinley<br>Rep. | Wool-<br>ley,<br>Pro. | Debs.<br>Dem. |               |
| Adams.....         | 1,663                  | 1,648                | 2,114               | 1,992                 | 70                    | 5             |               |
| Antelope.....      | 1,008                  | 1,170                | 1,356               | 1,342                 | 41                    | 6             |               |
| Banner.....        | 59                     | 91                   | 71                  | 186                   | 4                     | 4             |               |
| Blaine.....        | 62                     | 75                   | 75                  | 103                   | 3                     | 3             |               |
| Boone.....         | 1,127                  | 1,234                | 1,936               | 1,524                 | 39                    | 3             |               |
| Box Butte.....     | 360                    | 425                  | 494                 | 707                   | 11                    | 17            |               |
| Boyd.....          | 666                    | 825                  | 795                 | 771                   | 46                    | 5             |               |
| Brown.....         | 281                    | 409                  | 327                 | 470                   | 10                    | 3             |               |
| Buffalo.....       | 1,426                  | 1,686                | 2,056               | 1,916                 | 75                    | 34            |               |
| Burt.....          | 838                    | 1,462                | 1,174               | 1,929                 | 30                    | 6             |               |
| Butler.....        | 1,668                  | 1,272                | 2,147               | 1,481                 | 59                    | 4             |               |
| Cass.....          | 1,793                  | 2,122                | 2,259               | 2,922                 | 84                    | 34            |               |
| Cedar.....         | 1,229                  | 1,212                | 1,665               | 1,441                 | 29                    | 19            |               |
| Chase.....         | 245                    | 272                  | 274                 | 313                   | 15                    | 2             |               |
| Cherry.....        | 522                    | 694                  | 698                 | 922                   | 34                    | 6             |               |
| Cheyenne.....      | 408                    | 524                  | 509                 | 714                   | 23                    | 23            |               |
| Clay.....          | 1,571                  | 1,602                | 1,826               | 1,932                 | 58                    | 8             |               |
| Colfax.....        | 995                    | 836                  | 1,857               | 1,033                 | 16                    | 9             |               |
| Cuming.....        | 1,338                  | 1,111                | 1,736               | 1,385                 | 19                    | 7             |               |
| Custer.....        | 1,665                  | 1,807                | 2,159               | 2,145                 | 111                   | 19            |               |
| Dakota.....        | 576                    | 643                  | 777                 | 692                   | 20                    | 2             |               |
| Dawes.....         | 410                    | 507                  | 587                 | 613                   | 19                    | 19            |               |
| Dawson.....        | 1,076                  | 1,067                | 1,339               | 1,280                 | 64                    | 5             |               |
| Deuel.....         | 198                    | 276                  | 241                 | 403                   | 5                     | 4             |               |
| Dixon.....         | 894                    | 1,083                | 1,101               | 1,285                 | 43                    | 9             |               |
| Dodge.....         | 2,038                  | 1,867                | 2,410               | 2,632                 | 51                    | 10            |               |
| Douglas.....       | 11,512                 | 9,105                | 13,241              | 14,366                | 175                   | 316           |               |
| Dundy.....         | 238                    | 292                  | 283                 | 308                   | 4                     | 1             |               |
| Fillmore.....      | 1,573                  | 1,644                | 1,980               | 1,883                 | 37                    | 4             |               |
| Franklin.....      | 916                    | 855                  | 1,122               | 984                   | 40                    | 4             |               |
| Frontier.....      | 626                    | 717                  | 810                 | 920                   | 19                    | 6             |               |
| Furnas.....        | 961                    | 1,121                | 1,319               | 1,331                 | 49                    | 4             |               |
| Gage.....          | 2,006                  | 3,202                | 3,701               | 4,141                 | 198                   | 5             |               |
| Garfield.....      | 100                    | 209                  | 235                 | 494                   | 20                    | 3             |               |
| Gosper.....        | 460                    | 385                  | 570                 | 441                   | 11                    | 3             |               |
| Grant.....         | 64                     | 85                   | 97                  | 148                   | 1                     | 1             |               |
| Greely.....        | 728                    | 418                  | 850                 | 463                   | 2                     | 1             |               |
| Hall.....          | 1,835                  | 1,364                | 1,766               | 2,017                 | 43                    | 22            |               |
| Hamilton.....      | 1,341                  | 1,344                | 1,571               | 1,524                 | 78                    | 3             |               |
| Harlan.....        | 830                    | 777                  | 977                 | 880                   | 94                    | 4             |               |
| Hayes.....         | 214                    | 265                  | 284                 | 308                   | 5                     | 17            |               |
| Hitchcock.....     | 420                    | 349                  | 528                 | 450                   | 9                     | 14            |               |
| Holt.....          | 1,588                  | 1,340                | 1,492               | 1,320                 | 86                    | 1             |               |
| Hooker.....        | 48                     | 41                   | 43                  | 37                    | 1                     | 3             |               |
| Howard.....        | 1,023                  | 777                  | 1,283               | 908                   | 30                    | 6             |               |
| Jefferson.....     | 1,156                  | 1,624                | 1,587               | 1,862                 | 41                    | 3             |               |
| Johnson.....       | 899                    | 1,330                | 1,179               | 1,532                 | 68                    | 4             |               |
| Kearney.....       | 842                    | 911                  | 1,109               | 1,055                 | 45                    | 5             |               |
| Keith.....         | 195                    | 200                  | 216                 | 246                   | 4                     | 1             |               |
| Keya Paha.....     | 306                    | 306                  | 353                 | 380                   | 18                    | 5             |               |
| Kimball.....       | 62                     | 103                  | 48                  | 137                   | 3                     | 3             |               |
| Knox.....          | 1,312                  | 1,496                | 1,630               | 1,600                 | 65                    | 9             |               |
| Lancaster.....     | 3,575                  | 5,537                | 5,677               | 7,465                 | 306                   | 18            |               |
| Lincoln.....       | 833                    | 944                  | 1,169               | 1,386                 | 31                    | 5             |               |
| Logan.....         | 71                     | 49                   | 102                 | 107                   | 6                     | 6             |               |
| Loup.....          | 133                    | 153                  | 137                 | 149                   | 1                     | 1             |               |
| Madison.....       | 1,320                  | 1,551                | 1,690               | 2,060                 | 46                    | 6             |               |
| McPherson.....     | 22                     | 44                   | 54                  | 85                    | 2                     | 2             |               |
| Merrick.....       | 873                    | 881                  | 996                 | 1,213                 | 98                    | 6             |               |
| Nance.....         | 669                    | 873                  | 853                 | 1,091                 | 26                    | 1             |               |
| Nemaha.....        | 1,320                  | 1,540                | 1,779               | 1,783                 | 96                    | 15            |               |
| Nuckolls.....      | 1,102                  | 1,220                | 1,480               | 1,471                 | 30                    | 3             |               |
| Otoe.....          | 1,900                  | 1,928                | 2,327               | 2,718                 | 86                    | 6             |               |
| Pawnee.....        | 835                    | 1,441                | 1,121               | 1,632                 | 96                    | 4             |               |
| Perkins.....       | 171                    | 122                  | 231                 | 184                   | 6                     | 4             |               |
| Phelps.....        | 835                    | 1,003                | 979                 | 1,202                 | 49                    | 2             |               |
| Pierce.....        | 737                    | 787                  | 913                 | 919                   | 19                    | 1             |               |
| Platte.....        | 1,735                  | 988                  | 2,117               | 1,608                 | 33                    | 5             |               |
| Polk.....          | 1,334                  | 935                  | 1,376               | 1,023                 | 67                    | 3             |               |
| Red Willow.....    | 715                    | 1,012                | 905                 | 1,192                 | 38                    | 6             |               |
| Richardson.....    | 1,959                  | 2,130                | 2,529               | 2,481                 | 38                    | 5             |               |
| Rock.....          | 284                    | 374                  | 243                 | 481                   | 6                     | 1             |               |
| Saline.....        | 1,596                  | 1,926                | 2,018               | 2,238                 | 76                    | 8             |               |
| Sarpy.....         | 850                    | 653                  | 1,090               | 792                   | 34                    | 8             |               |
| Sanders.....       | 2,003                  | 1,962                | 2,762               | 2,325                 | 71                    | 11            |               |
| Scott's Bluff..... | 221                    | 354                  | 276                 | 400                   | 15                    | 5             |               |
| Seward.....        | 1,597                  | 1,585                | 1,865               | 1,937                 | 40                    | 4             |               |
| Sheridan.....      | 474                    | 479                  | 703                 | 626                   | 22                    | 4             |               |
| Sherman.....       | 552                    | 492                  | 743                 | 503                   | 15                    | 24            |               |
| Sioux.....         | 149                    | 141                  | 248                 | 199                   | 1                     | 1             |               |

NEBRASKA—Continued.

| COUNTIES.       | GOVERNOR,<br>1902.     |                      | PRESIDENT,<br>1900. |                       |                       |               |
|-----------------|------------------------|----------------------|---------------------|-----------------------|-----------------------|---------------|
|                 | Tho'p-<br>son,<br>Fus. | Mick-<br>ey,<br>Rep. | Bryan,<br>Dem.      | Mc-<br>Kinley<br>Rep. | Wool-<br>ley,<br>Pro. | Debs.<br>Dem. |
| Stanton.....    | 619                    | 547                  | 751                 | 788                   | 11                    | ..            |
| Thayer.....     | 1,285                  | 1,480                | 1,516               | 1,825                 | 26                    | 3             |
| Thomas.....     | 69                     | 48                   | 80                  | 65                    | 3                     | 1             |
| Thurston.....   | 467                    | 604                  | 656                 | 803                   | 12                    | 1             |
| Valley.....     | 749                    | 845                  | 864                 | 810                   | 22                    | 3             |
| Washington..... | 1,156                  | 1,419                | 1,412               | 1,741                 | 29                    | 8             |
| Wayne.....      | 756                    | 872                  | 951                 | 1,246                 | 12                    | 1             |
| Webster.....    | 1,024                  | 1,155                | 1,322               | 1,355                 | 31                    | ..            |
| Wheeler.....    | 150                    | 123                  | 180                 | 138                   | 1                     | 1             |
| York.....       | 1,605                  | 2,063                | 1,871               | 2,307                 | 75                    | 2             |
| Total.....      | 91,116                 | 96,471               | 114,013             | 121,835               | 3,655                 | 823           |
| Plurality.....  |                        | 5,355                |                     | 7,822                 |                       |               |
| Per cent.....   | 46.93                  | 49.69                | 47.22               | 50.46                 | 1.51                  | 0.34          |
| Scattering..... |                        | 6,554                |                     | 1,117                 |                       |               |
| Whole vote..... | 194,141                |                      |                     | 241,443               |                       |               |

For Governor in 1902, Davis, Pro., 3,397; Bigelow, Soc., 3,757.

In 1901 the vote for Sup. Ct. Judge was: Hollenbeck, Fus., 86 3/4; Sedgwick, Rep., 98 9/10.

The scattering vote for President in 1900 was Barker, M. R. Pop., 1,104.

The vote for Governor in 1900 was: Poynter, Fus., 113,015; Dietrich, Rep., 113,879; Jones, Pro., 4,315; Kharas, Soc. Dem., 674; Flich, M. R. Pop., 1,095.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1902.

I. Districts.

I. Counties of Cass, Johnson, Lancaster, Nemaha, Otoe, Pawnee and Richardson. H. H. Hanks, Fus., 11,603; E. J. Burkett, Rep., 16,534; T. Fraser, Pro., 579; C. Christensen, Soc., 362. Burkett's plurality, 4,931.

II. Counties of Douglas, Sarpy, and Washington. G. M. Hitchcock, Fus., 13,509; D. H. Mercer, Rep., 11,669; B. McCaffery, Soc., 1,379. Hitchcock's plurality, 1,840.

III. Counties of Antelope, Boone, Blaine, Cedar, Colfax, Cuming, Dakota, Dixon, Dodge, Knox, Madison, Merrick, Nance, Pierce, Platte, Stanton, Thurston, and Wayne. John S. Robinson, Fus., 18,541; J. J. McCarthy, Rep., 19,201; C. C. Beveridge, Pro., 632. McCarthy's plurality, 660.

IV. Counties of Butler, Gage, Fillmore, Hamilton, Jefferson, Polk, Saline, Saunders, Seward, Thayer, and York. Wm. L. Stark, Fus., 16,838; E. H. Hinshaw, Rep., 19,337; S. F. Farley, Pro., 743. Hinshaw's plurality, 2,499.

V. Counties of Adams, Chase, Clay, Dundy, Franklin, Frontier, Furnas, Gosper, Hall, Harlan, Hayes, Hitchcock, Kearney, Nuckolls, Perkins, Phelps, Red Willow, and Webster. A. C. Schellenbarger, Fus., 14,745; G. W. Morris, Rep., 14,927; J. D. Stoddard, Pro., 496. Morris' plurality, 151.

VI. Counties of Boyd, Banner, Blaine, Box Butte, Brown, Buffalo, Cheyenne, Cherry, Custer, Dawes, Dawson, Deuel, Garfield, Grant, Greely, Holt, Hooker, Howard, Keya Paha, Keith, Kimball, Lincoln, Logan, Loup, McPherson, Rock, Scott's Bluff, Sheridan, Sherman, Sioux, Thomas, Valley, and Wheeler. P. H. Barry, Fus., 13,997; M. P. Kinkaid, Rep., 16,699; C. F. Swander, Pro., 660; J. C. L. Wisley, Soc., 463. Kinkaid's plurality, 2,702.

PRESENT STATE GOVERNMENT.

Governor, John Mickey; Lieutenant-Governor, E. G. McGillon; Secretary of State, Geo. W. Marsh; Treasurer, Peter Mortensen; Auditor, Chas. Weston; Attorney-General, G. N. Frost; Superintendent of Education, W. K. Fowler; Commissioner of Public Lands, G. D. Folmer—all Republicans.

JUDICIARY.

Supreme Court: Chief Justice, J. J. Sullivan, Dem.; Justices, S. H. Sedgwick, Rep., and S. A. Holcomb, Fusion; Clerk, Lee Herdman, Dem.

NEBRASKA—Continued.

STATE LEGISLATURE, 1903.

|                     | Senate. | House. | Joint Ballot. |
|---------------------|---------|--------|---------------|
| Republicans.....    | 29      | 77     | 106           |
| Fusionists.....     | 4       | 23     | 27            |
| Republican majority | 25      | 54     | 73            |

VOTE OF THE STATE SINCE 1872.

|                          | Dem.    | Rep.    | Gr.    | Pro.  | Plu.      |
|--------------------------|---------|---------|--------|-------|-----------|
| 1872. President.....     | 7,705   | 18,242  | .....  | ..... | *10,540 R |
| 1876. President.....     | 17,554  | 31,916  | .....  | ..... | *14,362 R |
| 1880. President.....     | 28,523  | 54,979  | 3,950  | ..... | 26,456 R  |
| 1884. President.....     | 154,391 | 76,903  | .....  | 2,899 | 22,512 R  |
| 1888. President.....     | 80,552  | 108,425 | 4,226  | 9,429 | 27,873 R  |
| Pop                      |         |         |        |       |           |
| 1892. President.....     | 24,943  | 87,213  | 83,134 | 4,902 | 4,093 R   |
| Dem.-Pop. Rep. Sil. D.   |         |         |        |       |           |
| 1894. Governor.....      | 97,815  | 94,613  | 6,985  | ..... | 3,202 D-P |
| Dem.-Pop. Rep. N. D. Pro |         |         |        |       |           |
| 1896. President.....     | 115,880 | 102,304 | 2,885  | 1,193 | 13,576 F  |
| 1898. Governor.....      | 95,703  | 92,982  | .....  | 1,724 | 2,721 D   |
| 1899. Sup. J.....        | 109,320 | 94,213  | .....  | ..... | 15,107 F  |
| Soe. D.                  |         |         |        |       |           |
| 1900. Governor.....      | 113,018 | 113,879 | 674    | 4,315 | 861 R     |
| 1900. President.....     | 114,013 | 121,835 | 823    | 3,655 | 7,822 R   |
| 1901. Sup. J.....        | 86,334  | 98,993  | 1,836  | 4,072 | 12,659 R  |
| Soe.                     |         |         |        |       |           |
| 1902. Governor.....      | 91,116  | 96,471  | 3,157  | 3,397 | 5,355 R   |

\* Majority. † Democratic and Greenback Fusion.

NEVADA.

| COUNTIES.<br>(14.) | GOVERNOR,<br>1902. |                         | PRESIDENT,<br>1900. |                       | GOVERNOR,<br>1898.      |                       |
|--------------------|--------------------|-------------------------|---------------------|-----------------------|-------------------------|-----------------------|
|                    | Sparks<br>Sil. D.  | Cleve-<br>land,<br>Rep. | Bryan,<br>Dem.      | Mc-<br>Kinley<br>Rep. | Sad-<br>ler,<br>Silver. | Mc-<br>Miller<br>Rep. |
| Churchill.....     | 138                | 82                      | 120                 | 79                    | 38                      | 95                    |
| Douglas.....       | 185                | 243                     | 222                 | 212                   | 142                     | 209                   |
| Elko.....          | 765                | 632                     | 860                 | 476                   | 499                     | 324                   |
| Esmeralda.....     | 250                | 221                     | 289                 | 125                   | 191                     | 158                   |
| Eureka.....        | 283                | 175                     | 391                 | 121                   | 336                     | 134                   |
| Humboldt.....      | 662                | 420                     | 694                 | 364                   | 349                     | 284                   |
| Lander.....        | 290                | 142                     | 325                 | 144                   | 199                     | 85                    |
| Lincoln.....       | 321                | 323                     | 564                 | 233                   | 259                     | 111                   |
| Lyon.....          | 335                | 254                     | 354                 | 214                   | 199                     | 301                   |
| Nye.....           | 604                | 296                     | 190                 | 32                    | 147                     | 31                    |
| Ormsby.....        | 385                | 369                     | 399                 | 311                   | 395                     | 370                   |
| Storey.....        | 567                | 432                     | 609                 | 455                   | 346                     | 596                   |
| Washoe.....        | 1,536              | 838                     | 1,005               | 919                   | 284                     | 705                   |
| White Pine.....    | 218                | 359                     | 322                 | 164                   | 184                     | 145                   |
| Total.....         | 6,529              | 4,786                   | 6,347               | 3,849                 | 3,570                   | 3,548                 |
| Majority.....      | 1,743              | .....                   | 2,498               | .....                 | 22                      | .....                 |
| Per cent.....      | 57.70              | 42.30                   | 62.29               | 37.71                 | 35.66                   | 35.44                 |
| Scattering.....    | .....              | .....                   | .....               | .....                 | 2,893                   | .....                 |
| Whole vote.....    | 11,515             | .....                   | 10,196              | .....                 | 10,011                  | .....                 |

The vote for Representative in Congress in 1902 was: Van Duzer, Sil. Dem., 5,839; Farrington, Rep., 5,022.

PRESENT STATE GOVERNMENT.

Governor, John Sparks; Lieutenant-Governor, Lemuel Allen; Secretary of State, Gib. Douglas; Treasurer, D. M. Ryan; Comptroller, S. P. Davis; Superintendent of Public Instruction, Orvis Ring; Attorney-General, William Woodburn—All Silver party except Ring, Rep.

JUDICIARY.

Supreme Court: Chief Justice, C. H. Belknap; Justices, A. L. Fitzgerald, G. F. Talbot; Clerk ex-officio, Eugene Howell—all of the Silver party.

STATE LEGISLATURE, 1903.

|                     | Senate. | House. | Joint Ballot. |
|---------------------|---------|--------|---------------|
| Democrats.....      | 9       | 28     | 37            |
| Republicans.....    | 4       | 5      | 9             |
| Democratic majority | 5       | 23     | 28            |

VOTE OF THE STATE SINCE 1872.

|                      | Dem.  | Rep.   | Pop.  | Silver. | Plu.    |
|----------------------|-------|--------|-------|---------|---------|
| 1872. President..... | 7,847 | 7,146  | ..... | .....   | 701 D   |
| 1876. President..... | 9,308 | 10,383 | ..... | .....   | 1,075 R |
| 1880. President..... | 9,611 | 8,732  | ..... | .....   | 879 D   |
| 1884. President..... | 5,578 | 7,193  | ..... | .....   | 1,615 R |
| 1888. President..... | 5,326 | 7,229  | ..... | .....   | 1,903 R |
| 1892. President..... | 714   | 2,811  | 7,264 | .....   | 4,453 P |

NEVADA—Continued.

|                      | Dem.  | Rep.  | Pop   | Silver. | Plu.    |
|----------------------|-------|-------|-------|---------|---------|
| 1894. Governor.....  | 678   | 3,861 | 711   | 5,223   | 1,362 S |
| 1896. President..... | ..... | 1,938 | ..... | 8,377   | 6,459 S |
| 1898. Governor.....  | 2,060 | 3,548 | 883   | .....   | 29 S    |
| 1900. President..... | 6,347 | 3,849 | ..... | .....   | 2,498 D |
| 1902. Governor.....  | 6,529 | 4,786 | ..... | .....   | 1,743 D |

NEW JERSEY.

| COUNTIES.<br>(21.) | GOVERNOR,<br>1901.    |                      | PRESIDENT,<br>1900. |                       |                       |                       |
|--------------------|-----------------------|----------------------|---------------------|-----------------------|-----------------------|-----------------------|
|                    | Sev-<br>mour,<br>Dem. | Mur-<br>phy,<br>Rep. | Bryan,<br>Dem.      | Mc-<br>Kinley<br>Rep. | Wool-<br>ley,<br>Pro. | Debs,<br>Soe.<br>Dem. |
| Atlantic.....      | 3,290                 | 6,051                | 2,566               | 6,122                 | 277                   | 49                    |
| Bergen.....        | 6,061                 | 7,401                | 6,456               | 9,086                 | 165                   | 179                   |
| Burlington.....    | 5,294                 | 6,877                | 5,476               | 6,381                 | 507                   | 75                    |
| Camden.....        | 5,815                 | 13,571               | 7,291               | 16,146                | 553                   | 215                   |
| Cape May.....      | 1,231                 | 1,877                | 1,110               | 2,241                 | 186                   | 11                    |
| Cumberland.....    | 3,655                 | 5,567                | 4,026               | 6,760                 | 642                   | 66                    |
| Essex.....         | 29,885                | 36,780               | 25,735              | 46,315                | 544                   | 1,003                 |
| Gloucester.....    | 2,779                 | 3,504                | 2,829               | 4,471                 | 342                   | 87                    |
| Hudson.....        | 36,889                | 27,882               | 38,025              | 32,341                | 353                   | 1,373                 |
| Hunterdon.....     | 4,052                 | 2,978                | 5,136               | 3,873                 | 312                   | 94                    |
| Mercer.....        | 9,083                 | 10,954               | 7,858               | 13,874                | 450                   | 210                   |
| Middlesex.....     | 7,517                 | 7,627                | 7,191               | 9,248                 | 216                   | 90                    |
| Monmouth.....      | 7,781                 | 8,556                | 8,568               | 10,363                | 419                   | 63                    |
| Morris.....        | 5,455                 | 6,335                | 5,793               | 7,739                 | 490                   | 92                    |
| Ocean.....         | 1,263                 | 2,516                | 1,414               | 3,182                 | 183                   | 25                    |
| Passaic.....       | 12,179                | 13,481               | 12,891              | 15,619                | 259                   | 337                   |
| Salem.....         | 2,749                 | 2,931                | 2,981               | 3,398                 | 272                   | 32                    |
| Somerset.....      | 3,181                 | 3,490                | 3,193               | 4,428                 | 170                   | 50                    |
| Sussex.....        | 2,953                 | 2,302                | 3,395               | 2,574                 | 138                   | 52                    |
| Union.....         | 8,856                 | 10,215               | 7,665               | 12,822                | 317                   | 494                   |
| Warren.....        | 3,622                 | 2,919                | 5,219               | 3,689                 | 388                   | 72                    |
| Total.....         | 166,681               | 189,814              | 164,608             | 221,707               | 7,183                 | 4,609                 |
| Plurality.....     | .....                 | 17,133               | .....               | 56,899                | .....                 | .....                 |
| Per cent.....      | 46.52                 | 51.30                | 41.09               | 55.27                 | 1.79                  | 1.14                  |
| Scattering.....    | 10,772                | .....                | .....               | 2,743                 | .....                 | .....                 |
| Whole vote.....    | 358,267               | .....                | 401,050             | .....                 | .....                 | .....                 |

For Governor in 1901, Brown, Pro., received 5,365 votes; Vail, Soc., 3,489; Wilson, Soc. L., 1,918.

The scattering vote for President in 1900 was: Malloney, Soc. L., 2,074; Barker, Peo., 669.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1902.

Districts.

- I. Counties of Camden, Gloucester, and Salem.  
Richard T. Miller, Dem., 15,273; Henry C. Loudenslager, Rep., 20,371; R. T. Seagrave, Pro., 1,120.
- II. Counties of Cape May, Cumberland, Atlantic, and Burlington. Thomas A. Gash, Dem., 9,465; John J. Gardner, Rep., 19,966; Marion R. Owen, Pro., 2,223; D. W. Davis, Soc., 199.
- III. Counties of Middlesex, Monmouth, and Ocean.  
J. A. Geissenbainer, Dem., 18,335; Benj. F. Howell, Rep., 2,014; R. B. Crowell, Pro., 546.
- IV. Counties of Hunterdon, Somerset, and Mercer.  
Lewis Ervine, Dem., 16,956; Wm. M. Lanning, Rep., 18,973; Wm. Lunger, Pro., 588; W. H. Wooten, Soc., 381.
- V. Counties of Union and Warren. De Witt C. Flanagan, Dem., 19,881; Charles N. Fowler, Rep., 21,030; J. G. Van Cise, Pro., 883; J. M. Beaman, Soc., 416; J. Greib, Soc. L., 231.
- VI. William Hughes, Dem., 24,084; William Barbour, Rep., 20,236; R. H. Richards, Pro., 435; W. H. Wyatt, Soc., 777; L. A. Magnet, Soc. L., 419.
- VII. County of Essex (part). George A. Miller, Dem., 14,371; R. Wayne Parker, Rep., 19,873; E. L. Roff, Pro., 243; F. C. Day, Soc., 336; William Walker, Soc. L., 297.
- VIII. County of Essex (part). Henry G. Atwater, Dem., 12,005; William H. Wiley, Rep., 18,814; John Berryman, Pro., 192; J. E. Billings, Soc., 742.
- IX. County of Hudson (part). Allen Benny, Dem., 14,492; Robert Carey, Rep., 13,700; A. R. Hopkins, Soc., 813; James Parker, Pro., 147; G. P. Hershcraft, Soc. L., 378.
- X. County of Hudson (part). Allan L. McDermott, Dem., 19,311; James D. Manning, Rep., 10,895; Frederick Krafft, Soc., 879; C. Merquelin, Soc. L., 523; R. B. Artz, Pro., 41.

NEW JERSEY—Continued.

PRESENT STATE GOVERNMENT.

Governor, Franklin Murphy; Secretary of State, George Wurts; Treasurer, G. B. Swain; Comptroller, W. S. Hancock; Attorney-General, Samuel H. Grey, Adjutant-General, A. C. Oliphant; Superintendent of Education, C. J. Baxter; Commissioner of Banking and Insurance, W. M. Bettie—all Republicans.

JUDICIARY.

Supreme Court: Chief Justice, W. S. Gummere, Rep.; Justices, John Frank Fort, Rep.; J. Dixon, Rep.; B. Vanayckel, Dem.; C. G. Garrison, Dem.; A. Q. Garretson, Dem.; M. Pitney, Rep.; Charles E. Hendrickson, Dem.; Gilbert Collins, Rep.; Clerk, William Riker, Jr., Rep.

Court of Errors and Appeals: Judges, J. W. Bogert, G. Krueger, Frederic Adams, W. H. Vreedenburgh, G. D. W. Vroom, Peter V. Voorhes; Chancellor, Wm. J. Magie, and the Supreme Court Justices.

STATE LEGISLATURE, 1903.

| Senate. Assembly. Joint Ballot. |    |    |    |
|---------------------------------|----|----|----|
| Republicans.....                | 14 | 38 | 52 |
| Democrats.....                  | 7  | 22 | 29 |

Republican majority 7 16 23

VOTE OF THE STATE SINCE 1872.

|                   | Dem.    | Rep.    | Gr.   | Pro.  | Plu.      |
|-------------------|---------|---------|-------|-------|-----------|
| 1872. President.. | 76,800  | 91,666  | ...   | ...   | *14,860 R |
| 1876. President.. | 115,962 | 103,517 | 714   | ...   | 12,445 D  |
| 1880. President.. | 132,565 | 120,555 | 2,617 | 191   | 2,010 D   |
| 1884. President.. | 137,778 | 123,366 | 3,456 | 6,153 | 4,412 D   |
| 1888. President.. | 151,493 | 144,344 | ...   | 7,904 | 7,149 D   |

|                   | N. D.   |         | S. D. |       |
|-------------------|---------|---------|-------|-------|
| 1892. President.. | 171,042 | 156,068 | 1,337 | 8,131 |
| 1896. President.. | 133,675 | 231,267 | 6,373 | 5,614 |
| 1900. President.. | 164,808 | 221,707 | 4,609 | 7,183 |
| 1901. Governor..  | 166,681 | 183,814 | 3,489 | 5,265 |

\*Majority.

NEW HAMPSHIRE.

| COUNTIES.<br>(10.) | SECRETARY OF STATE, 1902. |                 | PRESIDENT, 1900. |                |               |                 | Debs, Soc. Dem. |
|--------------------|---------------------------|-----------------|------------------|----------------|---------------|-----------------|-----------------|
|                    | Hollis, Dem.              | Bachelder, Rep. | Bryan, Dem.      | McKinley, Rep. | Woolley, Pro. | Debs, Soc. Dem. |                 |
| Belknap.....       | 1,959                     | 2,182           | 1,819            | 3,099          | 116           | 20              |                 |
| Carroll.....       | 1,333                     | 2,317           | 1,859            | 2,626          | 87            | 14              |                 |
| Cheshire.....      | 1,713                     | 2,827           | 3,120            | 4,435          | 83            | 8               |                 |
| Coos.....          | 2,090                     | 2,785           | 2,436            | 3,383          | 55            | 11              |                 |
| Grafton.....       | 2,982                     | 4,828           | 3,619            | 6,177          | 173           | 35              |                 |
| Hillsborough..     | 9,902                     | 9,211           | 8,239            | 12,653         | 212           | 331             |                 |
| Merrimack.....     | 5,428                     | 5,944           | 5,248            | 7,517          | 224           | 50              |                 |
| Rockingham....     | 4,140                     | 5,855           | 4,719            | 7,367          | 153           | 184             |                 |
| Strafford.....     | 2,864                     | 4,174           | 3,792            | 4,987          | 117           | 118             |                 |
| Sullivan.....      | 1,433                     | 1,992           | 1,538            | 2,569          | 50            | 19              |                 |
| Total.....         | 33,844                    | 42,115          | 35,489           | 54,803         | 1,270         | 790             |                 |
| Plurality.....     | ...                       | 8,271           | ...              | 19,314         | ...           | ...             |                 |
| Per cent.....      | 39.53                     | 49.19           | 38.42            | 59.32          | 1.37          | 0.86            |                 |
| Scattering.....    | 4,648                     | ...             | ...              | ...            | ...           | ...             |                 |
| Whole vote....     | 85,607                    | ...             | ...              | 92,352         | ...           | ...             |                 |

The scattering vote for Secretary of State, 1902, was: Bray, Pro., 1,621; O'Neal, Soc., 1,057; others, 68.

The vote for Governor, 1900, was: Frederick E. Potter, Dem., 34,956; Chester B. Jordan, Rep., 53,891; Josiah M. Fletcher, Pro., 1,182; Sumner F. Clafin, Soc. Dem., 752; scattering, 7. Jordan's plurality, 18,935.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1902.

Districts.  
I. A. S. Langley, Dem., 15,218; Cyrus A. Sulloway, Rep., 22,491; E. L. Carr, Pro., 577; S. F. Clafin, Soc., 479; scattering, 29. Sulloway's plurality, 7,273.

II. George E. Bates, Dem., 14,986; Frank D. Currier, Rep., 22,138; C. H. Thorndike, Pro., 610; J. S. Murray, Soc., 413; scattering, 46. Currier's plurality, 7,152.

PRESENT STATE GOVERNMENT.

Governor, Nathan J. Bachelder; Secretary of State, Edward N. Pearson; Treasurer, Solon A. Carter; Adjutant-General, Augustus D. Ayling; Attorney-General, Edwin G. Eastman; Superintendent of Education, Chaunting Folsom; Secretary

NEW HAMPSHIRE—Continued.

Board of Agriculture, Nathan J. Bachelder; Commissioner of Insurance, J. C. Linehan—all Republicans.

JUDICIARY.

Supreme Court: Chief Justice, Frank N. Parsons, Rep.; Associate Justices, William M. Chase, Dem.; Reuben E. Walker, Rep.; James W. Remick, Rep.; George H. Birgham, Dem.

STATE LEGISLATURE, 1903.

|                  | Senate. | House. | Joint Ballot. |
|------------------|---------|--------|---------------|
| Republicans..... | 21      | 266    | 277           |
| Democrats.....   | 3       | 137    | 140           |

Republican majority 18 277 233

VOTE OF THE STATE SINCE 1876.

|                   | Dem.   | Rep.   | Gr.   | Pro.  | Plu.        |
|-------------------|--------|--------|-------|-------|-------------|
| 1876. President.. | 38,509 | 41,539 | ...   | ...   | 3,030 R     |
| 1880. President.. | 40,794 | 44,852 | 528   | ...   | 4,063 R     |
| 1884. President.. | 39,187 | 43,250 | 1,571 | ...   | 552 0.663 R |
| 1888. President.. | 43,382 | 45,724 | ...   | 1,566 | 2,342 R     |
| 1892. President.. | 42,081 | 45,658 | 292   | 1,297 | 3,547 R     |
| 1896. President.. | 21,650 | 57,444 | 3,520 | 779   | 35,794 R    |
| 1900. Governor..  | 34,956 | 53,891 | 442   | 375   | 18,935 R    |
| 1900. President.. | 35,489 | 54,803 | 790   | 1,270 | 19,314 R    |
| 1902. Governor..  | 33,844 | 42,115 | 1,057 | 1,621 | 8,261 R     |

NEW MEXICO.

| COUNTIES.<br>(20.) | CONGRESS, 1902.   |                   | CONGRESS, 1900. |             |
|--------------------|-------------------|-------------------|-----------------|-------------|
|                    | H. Ferguson, Dem. | B. S. Rodey, Rep. | Oalarzola, Rep. | Rodey, Rep. |
| Bernalillo.....    | 421               | 3,818             | 1,450           | 3,332       |
| Chaves.....        | 883               | 359               | 628             | 377         |
| Colfax.....        | 1,027             | 1,450             | 1,192           | 1,134       |
| Doña Ana.....      | 469               | 1,201             | 918             | 948         |
| Eddy.....          | 456               | 194               | 376             | 255         |
| Grant.....         | 878               | 849               | 1,281           | 1,137       |
| Guadalupe.....     | 591               | 773               | 648             | 504         |
| Lincoln.....       | 675               | 767               | 571             | 773         |
| Luna.....          | 243               | 261               | ...             | ...         |
| McKinley.....      | 174               | 390               | 287             | 446         |
| Mora.....          | 997               | 1,128             | 1,099           | 1,086       |
| Otero.....         | 474               | 692               | 617             | 448         |
| Rio Arriba.....    | 899               | 1,752             | 1,207           | 1,525       |
| San Juan.....      | 390               | 346               | 490             | 224         |
| San Miguel.....    | 1,894             | 2,794             | 2,271           | 2,569       |
| Santa Fe.....      | 1,116             | 1,630             | 1,312           | 1,569       |
| Sierra.....        | 379               | 426               | 554             | 325         |
| Socorro.....       | 967               | 1,483             | 1,163           | 1,416       |
| Taos.....          | 786               | 1,159             | 927             | 996         |
| Union.....         | 711               | 732               | 740             | 719         |
| Valencia.....      | 66                | 1,998             | 124             | 1,785       |
| Total.....         | 14,576            | 24,222            | 17,857          | 21,567      |
| Plurality.....     | ...               | 7,646             | ...             | 3,710       |
| Percent.....       | 37.82             | 62.43             | 45.31           | 54.69       |
| Whole vote....     | 38,798            | ...               | 39,442          | ...         |

PRESENT TERRITORIAL GOVERNMENT.

Governor, Miguel A. Otero, Rep.; Secretary, J. W. Reynolds, Rep.; Treasurer, J. H. Vaughn, Rep.; Auditor, W. G. Sargent, Rep.; Adjutant-General, W. H. Whiteman, Rep.; Attorney-General, E. L. Bartlett, Rep.; Supt. Education, J. F. Chaver, Rep.

JUDICIARY.

Supreme Court: Chief Justice, William J. Mills; Associate Justices, John R. McFie, J. W. Crum-packer, F. W. Parker, and D. H. McMillan; Clerk, José D. Sena—all Republicans.

TERRITORIAL LEGISLATURE, 1903.

The Territorial Legislature has 3 Democrats and 32 Republicans in the two branches.

VOTE OF THE TERRITORY SINCE 1884.

|           | Dem.   | Rep.   | Maj.       |
|-----------|--------|--------|------------|
| 1884..... | 12,271 | 15,122 | 2,851 R    |
| 1888..... | 16,131 | 14,481 | 1,650 D    |
| 1892..... | 15,799 | 15,220 | 579 D      |
| 1896..... | 18,948 | 17,017 | 66 1,931 D |
| 1898..... | 16,659 | 18,722 | 2,063 R    |
| 1900..... | 17,857 | 21,567 | 3,710 R    |
| 1902..... | 14,576 | 24,222 | 7,646 R    |

## NEW YORK.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1902.

## Districts.

- I. Counties of Suffolk, Nassau, and Queens (part). Townsend Scudder, Dem., 17,788; Fred. Storm, Rep., 17,681; Frank Bissen, Soc. D., 226.
- II. County of Kings (part). Geo. H. Lindsay, Dem., 18,728; J. R. Howe, Rep., 9,693; Wm. Irvine, Pro., 107; J. Bookman, Soc. L., 821; George Stamer, Soc. D., 1,033.
- III. County of Kings (part). H. E. Rogers, Dem., 17,043; Chas. T. Dunwell, Rep., 17,457; G. M. Mather, Pro., 133; Henry Kober, Soc. L., 528; H. Zander, Soc. D., 973.
- IV. County of Kings (part). Frank E. Wilson, Dem., 16,415; Wm. Schnitzpan, Rep., 13,695; H. T. Hirsch, Pro., 126; Emil Mueller, Soc. L., 647; W. A. Heide, Soc. D., 1,369.
- V. County of Kings (part). E. M. Bassett, Dem., 16,149; H. A. Hanbury, Rep., 15,216; R. T. Stokes, Pro., 143; J. Ebert, Soc. L., 339; P. H. Burrows, Soc. D., 378.
- VI. County of Kings (part). Robert Baker, Dem., 17,886; Henry Bristow, Rep., 17,420; A. C. Carlson, Pro., 153; F. A. Laise, Soc. L., 328; H. Peters, Soc. D., 341.
- VII. County of Kings (part). John J. Fitzgerald, Dem., 23,112; Jos. T. Williamson, Rep., 10,432; G. W. Hunt, Pro., 123; Bernard Hughes, Soc., 288; P. Larsen, Soc. D., 277.
- VIII. Counties of Richmond and New York (part). Timothy D. Sullivan, Dem., 26,107; Montague Lessler, Rep., 10,386; Benj. F. Funk, Pro., 164; Robt. Downs, Soc. L., 164; E. Theimer, Soc. D., 270.
- IX. County of New York (part). Henry M. Goldfoyle, Dem., 7,739; Chas. S. Adler, Rep., 4,235; T. N. Horden, Pro., 82; E. Katz, Soc. L., 499; Alex. Jonas, Soc. D., 1,355.
- X. County of New York (part). Wm. Sulzer, Dem., 15,451; Wm. Blau, Rep., 6,089; Ira Babcock, Pro., 45; J. T. Hunter, Soc. L., 1,391; F. G. Wilshire, Soc. D., 1,873.
- XI. County of New York (part). Wm. R. Hearst, Dem., 26,953; Henry Birrell, Rep., 10,841; E. A. Packer, Pro., 119; C. A. Tiche, Soc. L., 423; S. Feldman, Soc. D., 686.
- XII. County of New York (part). Geo. B. McClellan, Dem., 21,275; Charles Shongood, Rep., 7,039; J. W. Andrews, Pro., 48; Emil Hendricks, Soc. L., 512; August Paulish, Soc. D., 1,005.
- XIII. County of New York (part). Francis Harrison, Dem., 15,524; Jos. W. Perry, Rep., 13,987; J. A. Garnell, Pro., 81; A. H. Knudson, Soc. L., 189; P. Zoeler, Soc. D., 223.
- XIV. Counties of New York (part), Queens (part). Ira E. Rider, Dem., 20,402; Andrew J. Anderson, Rep., 8,492; J. C. Wallace, Pro., 79; Arthur Chambers, Soc. L., 647; Wm. Ehret, Soc. D., 2,348.
- XV. County of New York (part). Henry B. Martin, Dem., 12,161; Wm. Douglas, Rep., 12,575; D. A. Howell, Pro., 45; R. J. McCall, Soc. L., 224; E. F. Cassidy, Soc. D., 352.
- XVI. County of New York (part). J. Ruppert, Jr., Dem., 15,657; Wm. R. Spooner, Rep., 7,485; R. E. Niedig, Pro., 91; Chas. Vonderleith, Soc. L., 679; Herman Walker, Soc. D., 1,146.
- XVII. County of New York (part). Frank E. Shober, Dem., 19,248; H. T. Andrews, Rep., 17,731; George Githin, Pro., 138; Nels Johnson, Soc. L., 367; J. E. Kanely, Soc. D., 560.
- XVIII. County of New York (part). Joseph A. Goulden, Dem., 23,411; Frank C. Schaeffer, Rep., 14,844; J. A. Hardy, Pro., 154; F. H. Olpp, Soc. L., 892; Ernest Spranger, Soc. D., 1,663.

## NEW YORK—Continued.

- XIX. County of Westchester. C. A. Pugsley, Dem., 17,338; Norton P. Otis, Rep., 17,878; M. C. Beardsley, Pro., 291; Owen Carrarher, Soc. L., 533; W. T. Wood, Soc. D., 685.
- XX. Counties of Sullivan, Orange, and Rockland. Theo. H. Babcock, Dem., 14,874; Thos. W. Bradley, Rep., 19,747; John Anthony, Pro., 577; Ed. Gidley, Soc. L., 219; B. Sykes, Soc. D., 197.
- XXI. Counties of Greene, Columbia, Putnam, and Dutchess. Curtis F. Hoag, Dem., 15,777; John H. Ketcham, Rep., 22,363; Lester Howard, Pro., 768; A. C. Faucher, Soc. D., 120.
- XXII. Counties of Rensselaer and Washington. John H. Morrison, Dem., 15,698; Wm. H. Draper, Rep., 21,589; C. H. Casper, Pro., 344.
- XXIII. Counties of Albany and Schenectady. B. C. Sloan, Dem., 22,459; George V. Southwick, Rep., 28,853; J. E. Alexander, Soc. L., 760; Vittahus, 254.
- XXIV. Counties of Delaware, Otsego, Ulster, and Schoharie. Clifford Champion, Dem., 20,045; George J. Smith, Rep., 26,842; J. S. Jarvis, Pro., 1,221.
- XXV. Counties of Fulton, Hamilton, Montgomery, Warren, and Saratoga. Frank Beebe, Dem., 18,132; L. N. Littauer, Rep., 23,018; L. R. Grinnell, Soc. D., 611.
- XXVI. Counties of Clinton, Essex, Franklin, and St. Lawrence. Henry Holland, Dem., 10,392; Wm. A. Flack, Rep., 27,816; H. C. Shares, Pro., 990; J. Feysler, Soc. D., 108.
- XXVII. Counties of Herkimer and Oneida. Edward Lewis, Dem., 18,497; James S. Sherman, Rep., 21,743; S. H. Warner, Pro., 1,293.
- XXVIII. Counties of Jefferson, Lewis, and Oswego. C. F. Smith, Dem., 14,883; Chas. L. Knapp, Rep., 23,196; C. W. Richards, Pro., 1,274.
- XXIX. Counties of Onondaga and Madison. Martin E. Dillon, Dem., 16,330; Michael A. Driscoll, Rep., 27,023; Albert Coit, Pro., 744; James Trainor, Soc. L., 474; J. L. Franz, Soc. D., 417.
- XXX. Counties of Broome, Chenango, Tioga, Tompkins, and Cortland. Charles D. Pratt, Dem., 17,176; John W. Dwight, Rep., 28,211.
- XXXI. Counties of Cayuga, Ontario, Wayne, and Yates. Henry B. Harpendier, Dem., 14,833; Sereno E. Payne, Rep., 24,130; H. L. Hoyt, Pro., 916; F. L. Branick, Soc. D., 267.
- XXXII. County of Monroe. William De Graeff, Dem., 15,933; James B. Perkins, Rep., 22,119; F. H. Battys, Pro., 941; Henry Engel, Soc. L., 904; C. R. Bach, Soc. D., 2,349.
- XXXIII. Counties of Chemung, Schuyler, Seneca, and Steuben. Frank P. Frost, Dem., 16,494; Charles W. Gillet, Rep., 21,587; W. A. Allen, Pro., 1,523.
- XXXIV. Counties of Genesee, Livingston, Niagara, Orleans, and Wyoming. Dean F. Currie, Dem., 18,787; James W. Wadsworth, Rep., 26,007; W. E. Booth, Pro., 1,501.
- XXXV. County of Erie (part). Wm. H. Ryan, Dem., 19,884; John F. Farquhar, Rep., 14,715; E. J. Cook, Pro., 282; W. S. Patterson, Soc. L., 752; T. E. F. Schorr, Soc. D., 349.
- XXXVI. County of Erie (part). Ole L. Snyder, Dem., 16,016; De Alvo S. Alexander, Rep., 21,525; Thos. Tomlinson, Pro., 558; W. F. E. Roldoff, Soc. L., 263; T. Tilton, Soc. D., 147.
- XXXVII. Counties of Allegany, Cattaraugus, and Chautauqua. George J. Ball, Dem., 11,470; E. B. Vreeland, Rep., 27,579; W. J. Hoyt, Pro., 1,636.

Election Returns.

NEW YORK—Continued.

| COUNTIES.<br>(61.) | GOVERNOR,<br>1902. |                |                        |                        |                          | PRESIDENT,<br>1900. |                        |                           |                       |                    |                |                        | GOVERNOR,<br>1900.       |               |       |
|--------------------|--------------------|----------------|------------------------|------------------------|--------------------------|---------------------|------------------------|---------------------------|-----------------------|--------------------|----------------|------------------------|--------------------------|---------------|-------|
|                    | Coler,<br>Dem.     | Odell,<br>Rep. | Man-<br>ierre,<br>Rep. | De<br>Leon,<br>Soc. L. | Han-<br>ford,<br>Soc. D. | Bryan,<br>Dem.      | Mc-<br>Kinley,<br>Rep. | Mal-<br>loney,<br>Soc. L. | Wool-<br>ley,<br>Pro. | Debs,<br>Soc. Dem. | Bryan<br>Plur. | Mc-<br>Kinley<br>Plur. | Stanch<br>field,<br>Dem. | Odell<br>Rep. |       |
| Albany.....        | 16,390             | 22,950         | 203                    | 441                    | 123                      | 18,747              | 23,477                 | 207                       | 290                   | 64                 | ..             | 4,730                  | 19,071                   | 23,183        |       |
| Allegany.....      | 2,218              | 6,010          | 560                    | 45                     | 15                       | 3,623               | 7,196                  | 11                        | 759                   | 12                 | ..             | 3,573                  | 3,677                    | 7,117         |       |
| Broome.....        | 5,728              | 9,453          | 470                    | 61                     | 21                       | 6,852               | 10,383                 | 14                        | 47                    | 15                 | ..             | 3,731                  | 6,735                    | 10,266        |       |
| Cattaraugus.....   | 4,299              | 8,546          | 473                    | 53                     | 17                       | 6,225               | 9,944                  | 17                        | 499                   | 22                 | ..             | 3,719                  | 6,320                    | 9,860         |       |
| Cayuga.....        | 5,266              | 8,194          | 232                    | 192                    | 30                       | 6,330               | 10,327                 | 171                       | 336                   | 49                 | ..             | 3,997                  | 6,478                    | 10,196        |       |
| Chautauqua.....    | 4,930              | 13,313         | 503                    | 194                    | 99                       | 8,660               | 15,320                 | 43                        | 591                   | 42                 | ..             | 3,660                  | 6,797                    | 15,115        |       |
| Chemung.....       | 5,551              | 6,223          | 485                    | 49                     | 26                       | 6,523               | 6,920                  | 119                       | 385                   | 42                 | ..             | 8,92                   | 7,003                    | 6,452         |       |
| Chenango.....      | 3,133              | 5,558          | 366                    | 45                     | 41                       | 4,040               | 6,359                  | 18                        | 363                   | 18                 | ..             | 2,319                  | 4,101                    | 6,305         |       |
| Clinton.....       | 2,344              | 6,313          | 266                    | 16                     | 5                        | 4,288               | 6,922                  | 13                        | 118                   | 12                 | ..             | 2,324                  | 4,456                    | 6,151         |       |
| Columbia.....      | 4,274              | 5,609          | 185                    | 18                     | 19                       | 4,945               | 6,482                  | 23                        | 176                   | 20                 | ..             | 1,637                  | 5,039                    | 6,287         |       |
| Cortland.....      | 2,437              | 4,390          | 268                    | 7                      | 5                        | 2,778               | 4,897                  | 11                        | 347                   | 7                  | ..             | 2,124                  | 2,845                    | 4,819         |       |
| Delaware.....      | 3,504              | 6,447          | 328                    | 14                     | 2                        | 4,641               | 7,631                  | 10                        | 390                   | 7                  | ..             | 2,990                  | 4,705                    | 7,521         |       |
| Dutchess.....      | 7,413              | 10,049         | 344                    | 49                     | 14                       | 7,687               | 11,938                 | 70                        | 379                   | 21                 | ..             | 4,251                  | 7,917                    | 11,722        |       |
| Erie.....          | 36,019             | 36,353         | 798                    | 1,031                  | 506                      | 39,837              | 44,779                 | 925                       | 741                   | 291                | ..             | 4,942                  | 40,261                   | 44,245        |       |
| Essex.....         | 1,618              | 4,301          | 82                     | 29                     | 68                       | 1,992               | 5,069                  | 14                        | 86                    | 44                 | ..             | 3,077                  | 2,234                    | 2,332         |       |
| Franklin.....      | 2,110              | 5,287          | 203                    | 18                     | 8                        | 2,663               | 6,311                  | 13                        | 213                   | 12                 | ..             | 3,648                  | 4,293                    | 6,279         |       |
| Fulton.....        | 3,281              | 5,272          | 518                    | 172                    | 465                      | 4,187               | 7,882                  | 180                       | 516                   | 99                 | ..             | 3,695                  | 4,285                    | 7,770         |       |
| Genesee.....       | 2,653              | 4,482          | 255                    | 43                     | 33                       | 3,268               | 5,383                  | 60                        | 263                   | 26                 | ..             | 2,115                  | 3,307                    | 5,303         |       |
| Greene.....        | 3,402              | 4,042          | 205                    | 25                     | 74                       | 4,267               | 4,989                  | 83                        | 135                   | 28                 | ..             | 122                    | 4,327                    | 4,345         |       |
| Hamilton.....      | 748                | 661            | 15                     | 1                      | 1                        | ..                  | ..                     | ..                        | ..                    | ..                 | ..             | ..                     | ..                       | ..            |       |
| Herkimer.....      | 5,040              | 6,396          | 276                    | 116                    | 234                      | 5,397               | 8,105                  | 55                        | 299                   | 168                | ..             | 2,708                  | 5,555                    | 7,920         |       |
| Jefferson.....     | 5,887              | 9,877          | 443                    | 126                    | 368                      | 6,779               | 11,884                 | 55                        | 576                   | 174                | ..             | 5,105                  | 6,894                    | 11,709        |       |
| Kings.....         | 110,634            | 84,120         | 637                    | 2,829                  | 4,331                    | 106,221             | 108,885                | 1,711                     | 596                   | 2,321              | ..             | 4,764                  | 108,575                  | 106,220       |       |
| Lewis.....         | 2,934              | 3,934          | 77                     | 8                      | 7                        | 2,852               | 4,312                  | 9                         | 80                    | 8                  | ..             | 1,460                  | 2,914                    | 4,263         |       |
| Livingston.....    | 3,544              | 5,328          | 242                    | 18                     | 6                        | 3,877               | 5,605                  | 12                        | 384                   | 7                  | ..             | 1,731                  | 3,992                    | 5,501         |       |
| Madison.....       | 3,054              | 5,957          | 273                    | 32                     | 56                       | 3,674               | 7,177                  | 44                        | 361                   | 68                 | ..             | 3,503                  | 3,776                    | 7,058         |       |
| Monroe.....        | 16,300             | 21,995         | 900                    | 864                    | 2,198                    | 19,612              | 26,999                 | 444                       | 1,112                 | 1,019              | ..             | 7,087                  | 20,865                   | 25,454        |       |
| Montgomery.....    | 5,139              | 6,081          | 412                    | 53                     | 28                       | 5,123               | 7,310                  | 47                        | 221                   | 24                 | ..             | 2,182                  | 5,311                    | 7,152         |       |
| Nassau.....        | 4,630              | 5,503          | 86                     | 31                     | 24                       | 4,324               | 6,988                  | 17                        | 100                   | 23                 | ..             | 2,664                  | 4,436                    | 6,900         |       |
| New York.....      | 192,735            | 106,311        | 694                    | 5,820                  | 10,885                   | 181,799             | 150,933                | 4,807                     | 640                   | 6,193              | 28,766         | ..                     | 185,988                  | 147,922       |       |
| Niagara.....       | 7,699              | 8,343          | 369                    | 40                     | 51                       | 7,733               | 9,356                  | 67                        | 429                   | 26                 | ..             | 1,623                  | 7,993                    | 9,103         |       |
| Oneida.....        | 14,941             | 14,637         | 1,012                  | 141                    | 147                      | 12,820              | 19,213                 | 379                       | 634                   | 113                | ..             | 6,393                  | 13,488                   | 18,549        |       |
| Onondaga.....      | 13,757             | 21,495         | 393                    | 456                    | 367                      | 14,695              | 24,328                 | 1,099                     | 506                   | 367                | ..             | 9,639                  | 15,097                   | 23,674        |       |
| Ontario.....       | 4,414              | 6,512          | 279                    | 25                     | 16                       | 5,649               | 7,702                  | 16                        | 279                   | 7                  | ..             | 3,053                  | 5,853                    | 7,499         |       |
| Orange.....        | 8,946              | 12,327         | 350                    | 187                    | 142                      | 10,180              | 14,138                 | 64                        | 343                   | 25                 | ..             | 2,958                  | 10,385                   | 13,942        |       |
| Orleans.....       | 2,497              | 3,998          | 321                    | 26                     | 11                       | 2,851               | 4,667                  | 45                        | 307                   | 20                 | ..             | 4,667                  | 2,906                    | 4,599         |       |
| Oswego.....        | 6,211              | 9,499          | 685                    | 56                     | 17                       | 6,602               | 11,165                 | 89                        | 698                   | 23                 | ..             | 4,563                  | 6,678                    | 11,051        |       |
| Otsego.....        | 5,090              | 8,997          | 353                    | 21                     | 10                       | 6,140               | 7,894                  | 20                        | 327                   | 11                 | ..             | 1,754                  | 6,194                    | 7,842         |       |
| Putnam.....        | 1,253              | 3,184          | 45                     | 7                      | 14                       | 1,346               | 2,221                  | 7                         | 37                    | 23                 | ..             | 875                    | 1,363                    | 2,200         |       |
| Queens.....        | 16,532             | 9,372          | 7                      | 1                      | 1,037                    | 14,740              | 12,341                 | 260                       | 84                    | 644                | 2,399          | ..                     | 14,913                   | 12,104        |       |
| Rensselaer.....    | 12,592             | 15,326         | 339                    | 489                    | 233                      | 13,450              | 17,087                 | 179                       | 358                   | 83                 | ..             | 3,637                  | 12,539                   | 17,609        |       |
| Richmond.....      | 7,221              | 4,876          | 94                     | 123                    | 129                      | 6,151               | 6,047                  | 144                       | 147                   | 109                | 704            | ..                     | 1,69                     | 6,919         | 5,884 |
| Rockland.....      | 3,853              | 3,306          | 99                     | 23                     | 40                       | 4,020               | 4,189                  | 7                         | 108                   | 26                 | ..             | 1,69                   | 4,101                    | 4,151         |       |
| St. Lawrence.....  | 4,515              | 11,987         | 420                    | 53                     | 13                       | 5,699               | 15,293                 | 31                        | 486                   | 27                 | ..             | 2,595                  | 5,784                    | 15,204        |       |
| Saratoga.....      | 5,966              | 7,670          | 399                    | 97                     | 43                       | 5,813               | 9,598                  | 22                        | 506                   | 14                 | ..             | 3,885                  | 6,073                    | 9,456         |       |
| Schenectady.....   | 5,594              | 6,490          | 314                    | 287                    | 126                      | 4,779               | 6,775                  | 240                       | 159                   | 32                 | ..             | 1,996                  | 5,099                    | 6,511         |       |
| Schoharie.....     | 3,845              | 3,460          | 164                    | 4                      | 5                        | 4,317               | 3,853                  | 7                         | 171                   | 3                  | ..             | ..                     | 4,328                    | 3,837         |       |
| Schuyler.....      | 1,540              | 2,324          | 132                    | 5                      | 2                        | 1,892               | 2,601                  | 6                         | 189                   | 9                  | ..             | 709                    | 1,977                    | 2,511         |       |
| Seneca.....        | 2,997              | 3,557          | 101                    | 28                     | 10                       | 3,4                 | 3,785                  | 25                        | 121                   | 4                  | ..             | 326                    | 3,573                    | 3,675         |       |
| Steuben.....       | 6,644              | 9,595          | 843                    | 105                    | 185                      | 8,874               | 12,417                 | 53                        | 969                   | 48                 | ..             | 3,543                  | 9,132                    | 12,283        |       |
| Suffolk.....       | 6,258              | 7,513          | 419                    | 61                     | 45                       | 5,701               | 9,583                  | 31                        | 545                   | 34                 | ..             | 3,882                  | 5,671                    | 9,427         |       |
| Sullivan.....      | 3,034              | 3,969          | 98                     | 6                      | 5                        | 3,629               | 4,399                  | 10                        | 114                   | 4                  | ..             | 770                    | 3,575                    | 4,372         |       |
| Tioga.....         | 2,428              | 4,010          | 181                    | 11                     | 4                        | 3,036               | 4,746                  | 6                         | 243                   | 1                  | ..             | 1,710                  | 3,096                    | 4,686         |       |
| Tompkins.....      | 3,510              | 4,890          | 308                    | 19                     | 34                       | 3,852               | 5,410                  | 41                        | 370                   | 22                 | ..             | 1,558                  | 3,949                    | 5,303         |       |
| Ulster.....        | 8,062              | 9,705          | 391                    | 48                     | 39                       | 9,351               | 11,340                 | 27                        | 412                   | 5                  | ..             | 1,989                  | 9,459                    | 11,254        |       |
| Warren.....        | 2,730              | 3,638          | 171                    | 58                     | 59                       | 2,592               | 4,826                  | 28                        | 201                   | 11                 | ..             | 2,284                  | 2,589                    | 4,788         |       |
| Washington.....    | 3,248              | 6,314          | 359                    | 55                     | 17                       | 3,356               | 8,212                  | 18                        | 405                   | 34                 | ..             | 4,857                  | 3,411                    | 7,786         |       |
| Wayne.....         | 3,593              | 6,708          | 264                    | 29                     | 20                       | 4,475               | 7,957                  | 9                         | 321                   | 14                 | ..             | 3,482                  | 4,537                    | 7,890         |       |
| Westchester.....   | 16,754             | 18,450         | 315                    | 557                    | 700                      | 16,426              | 21,271                 | 419                       | 280                   | 228                | ..             | 4,845                  | 16,990                   | 20,806        |       |
| Wyoming.....       | 2,121              | 4,425          | 259                    | 15                     | 6                        | 2,897               | 5,030                  | 11                        | 398                   | 6                  | ..             | 2,123                  | 2,947                    | 4,980         |       |
| Yates.....         | 1,572              | 2,998          | 121                    | 9                      | 4                        | 2,196               | 3,427                  | 9                         | 173                   | 5                  | ..             | 1,231                  | 2,273                    | 3,362         |       |
| Total.....         | 655,898            | 665,150        | 20,490                 | 15,886                 | 23,400                   | 678,366             | 821,962                | 12,622                    | 22,045                | 12,869             | 32,323         | 175,929                | 693,733                  | 804,859       |       |
| Plurality.....     | 8,803              | ..             | ..                     | ..                     | ..                       | 14,966              | ..                     | ..                        | ..                    | ..                 | ..             | ..                     | 111,126                  | ..            |       |
| Percent.....       | 47.41              | 48.05          | 1.48                   | 1.14                   | 1.69                     | 43.82               | 52.78                  | 0.89                      | 1.42                  | 0.87               | ..             | ..                     | 44.71                    | 51.96         |       |
| Whole vote.....    | *1,384,116         |                |                        |                        |                          |                     |                        |                           |                       |                    |                |                        |                          |               |       |

Ryder, Lib. D., 1,894; Coler, N. Y. D., 947. \*Not including defective. For vote of other State officers, 1902, see next page.

VOTE OF THE STATE OF NEW YORK SINCE 1853.

|                  | Dem.     | Rep.    | Gr.    | Pro.   | Plu.   | Dem. | Rep. | Soc. L.   | Pro.    | Plu.    |        |        |         |   |
|------------------|----------|---------|--------|--------|--------|------|------|-----------|---------|---------|--------|--------|---------|---|
| 1855 Gov.....    | 501,465  | 490,321 | 2,130  | 30,867 | 11,134 | D    | 1893 | Sec. Sta  | 520,314 | 545,093 | 19,894 | 24,241 | 24,484  | R |
| 1856 Cl. Ap..... | 68,455   | 460,637 | 2,181  | 36,414 | 7,818  | D    | 1854 | Gov.....  | 537,710 | 673,818 | 15,863 | 33,526 | 156,116 | R |
|                  | U. Lab.  |         |        |        |        |      |      |           |         |         |        |        |         |   |
|                  | 1895     |         |        |        |        |      |      |           |         |         |        |        |         |   |
| 1887 Sec. Sta    | 469,888  | 452,811 | 70,055 | 41,850 | 17,077 | D    | 1896 | Pres..... | 551,369 | 619,838 | 17,667 | 16,052 | 268,489 | R |
| 1888 Pres.....   | 635,757  | 648,759 | 2,668  | 30,231 | 13,002 | R    | 1897 | Ch. Jus.  | 556,890 | 493,771 | 20,854 | 19,653 | 60,889  | D |
| 1889 Gov.....    | 650,464  | 631,293 | ..     | 30,215 | 19,171 | D    | 1898 | Gov.....  | 643,921 | 661,707 | 23,860 | 18,383 | 111,726 | R |
| 1889 Sec. Sta    | 505,894  | 485,367 | ..     | 26,763 | 20,527 | D    | 1900 | Gov.....  | 693,733 | 804,859 | 13,493 | 22,304 | 111,126 | R |
| 1891 Gov.....    | 582,893  | 534,956 | 14,651 | 30,353 | 47,937 | D    | 1900 | Pres..... | 678,386 | 821,962 | 12,622 | 22,043 | 143,606 | R |
| 1892 Pres.....   | *654,865 | 609,350 | 17,956 | 38,190 | 45,518 | D    | 1902 | Gov.....  | 656,347 | 665,150 | 15,886 | 20,490 | 8,803   | R |

\* Populist vote in addition, 16,429. † Populist vote, 17,059. ‡ Populist vote, 11,049. Dem. Reform vote (Wheeler), 27,202. § Populist vote, 6,916. ¶ National Democratic vote, 18,950. \*\* Social Democratic vote for President, 12,369.

VOTE OF THE CITY OF NEW YORK FOR GOVERNOR, 1902.

| ASSEMBLY DISTRICT. | Coler, Dem. | Odell, Rep. | Manierre <sup>r</sup> Pro. | De Leon, Soc. Lab. | Han-ford, Soc. Dem. | ASSEMBLY DISTRICT. | Coler, Dem. | Odell, Rep. | Manierre Pro. | De Leon, Soc. Lab. | Han-ford, Soc. Dem. |
|--------------------|-------------|-------------|----------------------------|--------------------|---------------------|--------------------|-------------|-------------|---------------|--------------------|---------------------|
| 1.....             | 3,133       | 4,953       | 8                          | 28                 | 23                  | 20.....            | 5,340       | 2,444       | 10            | 103                | 128                 |
| 2.....             | 5,080       | 1,335       | 9                          | 37                 | 85                  | 21.....            | 8,317       | 8,669       | 34            | 129                | 184                 |
| 3.....             | 5,046       | 1,825       | 15                         | 89                 | 62                  | 22.....            | 5,576       | 1,826       | 14            | 98                 | 158                 |
| 4.....             | 3,870       | 1,705       | 10                         | 179                | 814                 | 23.....            | 6,627       | 7,036       | 34            | 183                | 342                 |
| 5.....             | 3,799       | 3,564       | 36                         | 52                 | 65                  | 24.....            | 4,859       | 1,700       | 14            | 121                | 378                 |
| 6.....             | 5,895       | 1,593       | 16                         | 141                | 240                 | 25.....            | 2,963       | 3,445       | 17            | 33                 | 52                  |
| 7.....             | 5,091       | 2,270       | 20                         | 66                 | 78                  | 26.....            | 4,148       | 1,793       | 14            | 184                | 581                 |
| 8.....             | 2,664       | 1,421       | 12                         | 150                | 457                 | 27.....            | 3,601       | 3,241       | 15            | 96                 | 39                  |
| 9.....             | 2,669       | 2,409       | 24                         | 68                 | 84                  | 28.....            | 5,109       | 1,801       | 16            | 174                | 628                 |
| 10.....            | 4,086       | 2,114       | 10                         | 282                | 656                 | 29.....            | 4,105       | 5,013       | 22            | 98                 | 59                  |
| 11.....            | 4,063       | 1,769       | 22                         | 78                 | 119                 | 30.....            | 6,124       | 2,471       | 8             | 217                | 939                 |
| 12.....            | 3,394       | 1,192       | 12                         | 351                | 534                 | 31.....            | 8,335       | 8,005       | 45            | 178                | 230                 |
| 13.....            | 4,077       | 1,492       | 6                          | 108                | 192                 | 32.....            | 6,913       | 2,825       | 26            | 295                | 440                 |
| 14.....            | 4,721       | 1,842       | 10                         | 286                | 462                 | 33.....            | 5,371       | 2,356       | 13            | 165                | 181                 |
| 15.....            | 4,834       | 2,113       | 10                         | 103                | 168                 | 34.....            | 11,271      | 5,322       | 29            | 381                | 486                 |
| 16.....            | 4,282       | 1,721       | 13                         | 669                | 469                 | 35.....            | 14,987      | 8,140       | 74            | 424                | 1,042               |
| 17.....            | 4,563       | 1,876       | 8                          | 82                 | 123                 | Annex.....         | 2,566       | 1,425       | 19            | 67                 | 136                 |
| 18.....            | 6,291       | 1,684       | 9                          | 142                | 176                 | Total.....         | 192,735     | 106,131     | 694           | 5,820              | 10,885              |
| 19.....            | 4,979       | 5,643       | 30                         | 86                 | 85                  |                    |             |             |               |                    |                     |

BOROUGH OF BROOKLYN.

|         |       |       |    |     |     |            |         |        |     |       |       |
|---------|-------|-------|----|-----|-----|------------|---------|--------|-----|-------|-------|
| 1.....  | 3,771 | 3,834 | 35 | 54  | 59  | 13.....    | 5,663   | 3,926  | 4   | 228   | 298   |
| 2.....  | 5,558 | 1,743 | 20 | 75  | 37  | 14.....    | 5,665   | 1,944  | 21  | 156   | 126   |
| 3.....  | 4,384 | 1,889 | 23 | 49  | 64  | 15.....    | 4,131   | 2,062  | 11  | 276   | 354   |
| 4.....  | 5,230 | 4,947 | 30 | 87  | 100 | 16.....    | 5,082   | 6,124  | 48  | 90    | 188   |
| 5.....  | 4,688 | 4,205 | 35 | 136 | 193 | 17.....    | 3,271   | 6,828  | 35  | 39    | 52    |
| 6.....  | 5,128 | 4,409 | 24 | 195 | 261 | 18.....    | 6,623   | 7,182  | 49  | 102   | 135   |
| 7.....  | 9,039 | 5,665 | 53 | 174 | 149 | 19.....    | 4,807   | 2,261  | 9   | 191   | 372   |
| 8.....  | 4,129 | 1,751 | 10 | 40  | 36  | 20.....    | 6,246   | 4,978  | 27  | 264   | 1,025 |
| 9.....  | 4,763 | 1,488 | 17 | 73  | 91  | 21.....    | 7,035   | 2,679  | 28  | 378   | 659   |
| 10..... | 4,312 | 4,084 | 31 | 52  | 52  | Total..... | 110,634 | 84,120 | 637 | 2,869 | 4,381 |
| 11..... | 5,669 | 4,461 | 45 | 59  | 71  |            |         |        |     |       |       |
| 12..... | 5,650 | 5,360 | 40 | 144 | 159 |            |         |        |     |       |       |

BOROUGH OF QUEENS.

|            |        |       |    |     |       |
|------------|--------|-------|----|-----|-------|
| Total..... | 16,532 | 9,372 | 83 | 370 | 1,037 |
|------------|--------|-------|----|-----|-------|

BOROUGH OF RICHMOND.

|            |       |       |    |     |     |
|------------|-------|-------|----|-----|-----|
| Total..... | 7,231 | 4,876 | 94 | 123 | 129 |
|------------|-------|-------|----|-----|-----|

VOTE FOR ASSEMBLYMEN, 1902.

MANHATTAN BOROUGH.

| Ass'y Dist. | Democrat.              | Republican.                | Prohibitionist.        | Socialist Labor.    | Socialist Democrat.    |
|-------------|------------------------|----------------------------|------------------------|---------------------|------------------------|
| 1.....      | Doyle..... 2,740       | Casey..... 1,359           | Pfeiffer..... 8        | Reilly..... 27      | Richter..... 24        |
| 2.....      | Bourke..... 4,901      | Greenberg..... 1,501       | Kellogg..... 16        | Glaser..... 38      | ..... 81               |
| 3.....      | Mullaney..... 3,996    | Sweeney..... 1,874         | Awlen..... 21          | Walsh..... 108      | Lovestrand..... 57     |
| 4.....      | Burns..... 3,577       | Jacoves..... 1,800         | Connors..... 39        | Levitch..... 208    | Halpern..... 830       |
| 5.....      | O'Connor..... 3,617    | Finch..... 3,685           | Barton..... 33         | Eckstein..... 53    | Handlon..... 69        |
| 6.....      | Oxford..... 5,715      | Pittelle..... 1,669        | Gillespie..... 16      | Whitelaw..... 134   | Hanneman..... 243      |
| 7.....      | Sherry..... 5,139      | Wells..... 2,186           | McNickle..... 25       | Wade..... 76        | Huber..... 79          |
| 8.....      | Cohn..... 2,652        | Franklin..... 1,432        | Wadhams..... 15        | Jager..... 141      | Pankin..... 464        |
| 9.....      | Butler..... 4,680      | Allen..... 2,548           | Hillard..... 22        | Thibault..... 68    | Dunne..... 87          |
| 10.....     | McCullough..... 3,979  | Rohling..... 2,158         | Herring..... 15        | Hurwitz..... 276    | Schmitt..... 668       |
| 11.....     | Dolan..... 3,989       | G. A. Price, Jr..... 1,751 | Moore..... 24          | Lochhaus..... 80    | Brown..... 124         |
| 12.....     | Rosenstein..... 3,371  | Cebulsky..... 1,156        | McAusland..... 32      | Rathkopf..... 348   | Edlin..... 351         |
| 13.....     | Hackett..... 3,443     | McGirr..... 1,523          | Baumel..... 10         | Donohue..... 135    | Weyell..... 197        |
| 14.....     | Doll..... 4,455        | Kurz..... 1,937            | Loomis..... 13         | Cullen..... 303     | Wood..... 488          |
| 15.....     | McManus..... 4,366     | Byer..... 2,661            | Feitner..... 17        | Holler..... 112     | Braner..... 129        |
| 16.....     | Prince..... 3,772      | Weinberger..... 1,579      | F. Schwarz, Jr..... 10 | Kennally..... 673   | Goldstein..... 441     |
| 17.....     | Curry..... 4,323       | Brauns..... 1,786          | Hahn..... 11           | Raps..... 83        | Finkas..... 126        |
| 18.....     | Richter..... 6,008     | Searing..... 1,638         | Roberts..... 17        | Haas..... 139       | Jos. Wood, Jr..... 177 |
| 19.....     | Meehan..... 4,971      | Bostwick..... 5,581        | Gardner..... 30        | Malmberg..... 88    | Fritchey..... 82       |
| 20.....     | Fitzpatrick..... 4,743 | McDonald..... 2,905        | Wills..... 14          | Olsen..... 98       | Andrews..... 118       |
| 21.....     | Potter..... 8,172      | Wood..... 8,466            | Loch..... 50           | Marland..... 140    | Stone..... 199         |
| 22.....     | Hornidge..... 5,352    | Gowan..... 1,831           | Kingston..... 17       | Olsen..... 116      | Classon..... 142       |
| 23.....     | McCarthy..... 8,220    | Newcomb..... 7,128         | Osterberg..... 47      | Carroll..... 198    | Bauer..... 344         |
| 24.....     | Ulmann..... 4,546      | Stanton..... 1,779         | Preston..... 19        | Rosenbluh..... 124  | Wallace..... 384       |
| 25.....     | Keller..... 2,628      | Conkling..... 3,433        | McLellan..... 14       | Hill..... 50        | ..... 50               |
| 26.....     | Sulzberger..... 3,516  | Schneider..... 2,596       | Munro..... 10          | Klein..... 193      | Engel..... 598         |
| 27.....     | Andrews..... 2,593     | Agnew..... 3,181           | Ingram..... 15         | ..... 15            | Martin..... 39         |
| 28.....     | Doolling..... 4,911    | Schmitt..... 1,693         | Brewer..... 16         | Weisberger..... 180 | Bowerman..... 647      |
| 29.....     | Berrick..... 4,301     | Clark..... 4,774           | Sprague..... 26        | ..... 26            | Tauer..... 64          |
| 30.....     | Lithauer..... 5,695    | Stiesl..... 2,415          | Hartford..... 12       | Gilhaus..... 224    | Lee..... 957           |
| 31.....     | Abrams..... 9,005      | Newman..... 7,235          | Judd..... 72           | Swanson..... 187    | Meves..... 213         |
| 32.....     | Neville..... 6,339     | Michaels..... 2,680        | Chilmark..... 58       | Goldstein..... 331  | Rubinow..... 425       |
| 33.....     | Farrell..... 4,662     | Corn..... 2,424            | Lawton..... 8          | Graney..... 165     | Dittmann..... 187      |
| 34.....     | Ellis..... 10,753      | Haupt..... 5,517           | Green..... 34          | Santee..... 399     | Wedeckoff..... 477     |
| 35.....     | Everett..... 14,579    | Brooks..... 8,273          | Durham..... 83         | Risk..... 461       | Wu Duffe..... 1,041    |
| 36.....     | Sloane..... 287        | Wheaton..... 217           | Forbes..... 13         | ..... 13            | Lehner..... 33         |
| An. {       | Allen..... 2,166       | Wainwright..... 1,309      | ..... 13               | ..... 13            | Modor..... 110         |

BROOKLYN BOROUGH.

|    |           |       |            |       |           |    |              |     |
|----|-----------|-------|------------|-------|-----------|----|--------------|-----|
| 1  | Chapman   | 3,766 | Morgan     | 3,818 | Boardman  | 35 | Furman       | 62  |
| 2  | McKeown   | 5,437 | Diltney    | 1,834 | Schmidt   | 32 | Weppler      | 102 |
| 3  | McInerney | 4,404 | Scotte     | 1,804 | Carlson   | 28 | Lucas        | 94  |
| 4  | Bulwinkel | 5,540 | Cotton     | 4,606 | Cook      | 47 | Butscher     | 194 |
| 5  | Metcalfe  | 4,617 | Longhorst  | 4,236 | Hollerin  | 46 | Ferchlauf    | 196 |
| 6  | Ulrich    | 5,270 | Rollins    | 4,216 | Terry     | 32 | Baral        | 196 |
| 7  | Keegan    | 8,659 | O'Neill    | 5,873 | Ralph     | 78 | Peck         | 188 |
| 8  | Daly      | 4,190 | Hutchinson | 1,666 | Schimpf   | 16 | Mulvehill    | 44  |
| 9  | Keloe     | 4,745 | Bee        | 1,496 | Nicholas  | 21 | Anderson     | 72  |
| 10 | Byrne     | 4,310 | Rainey     | 4,063 | Bence     | 35 | Walsh        | 60  |
| 11 | Shanahan  | 5,770 | Cooper     | 4,236 | Pherson   | 54 | Carlson      | 89  |
| 12 | Kearney   | 5,600 | Woody      | 5,293 | Gould     | 52 | Hanson       | 129 |
| 13 | Matthews  | 5,610 | Manee      | 3,919 | Palmateer | 53 | Christianson | 239 |
| 14 | Ferre     | 5,581 | Clarke     | 1,874 | Wilson    | 50 | Mains, Jr.   | 133 |
| 15 | Dale      | 3,870 | Bernstein  | 2,279 | Abuthnot  | 21 | Sweet        | 242 |
| 16 | Lehman    | 5,151 | Weber      | 5,255 | Blake     | 67 | Munnery      | 100 |
| 17 | Byk       | 3,350 | Dowling    | 5,204 | Smith     | 53 | Hemmer       | 46  |
| 18 | Griffith  | 5,580 | Remsen     | 7,142 | Gray      | 74 | Glifarst     | 118 |
| 19 | Welf      | 4,632 | Behrens    | 2,384 | Hinsch    | 10 | Polhland     | 200 |
| 20 | Zettler   | 6,215 | Pendry     | 4,244 | Darton    | 37 | Mueller      | 263 |
| 21 | Miller    | 6,914 | Adams      | 5,755 | Sweezy    | 49 | Bauer        | 377 |

QUEENS BOROUGH.

|   |          |       |             |       |       |    |          |     |
|---|----------|-------|-------------|-------|-------|----|----------|-----|
| 1 | Sullivan | 9,293 | Tuohy       | 5,121 | Parks | 45 | Wegenter | 879 |
| 2 | Duer     | 5,336 | Van DeWater | 4,814 |       |    |          |     |
| 3 | Keith    | 903   | Doughty     | 461   |       |    | Bubb     | 149 |

RICHMOND BOROUGH.

|       |           |       |       |       |       |     |         |    |      |     |
|-------|-----------|-------|-------|-------|-------|-----|---------|----|------|-----|
| ..... | McCormick | 7,172 | Price | 4,866 | Moore | 120 | Doremus | 92 | Avin | 126 |
|-------|-----------|-------|-------|-------|-------|-----|---------|----|------|-----|

VOTE FOR STATE SENATORS, 1902.  
BOROUGH OF MANHATTAN.

|    |            |        |          |        |                 |     |           |       |
|----|------------|--------|----------|--------|-----------------|-----|-----------|-------|
| 10 | Riordan    | 10,917 | Coakley  | 5,146  | Abelson         | 247 | Mentz     | 906   |
| 11 | Fitzgerald | 12,497 | Shoufeld | 5,234  | Pfuger          | 35  | Frankel   | 547   |
| 12 | Foley      | 12,329 | Kohn     | 4,739  | Brooks          | 37  | Hammer    | 1,304 |
| 13 | Martin     | 13,853 | Stewart  | 7,659  | Smith           | 87  | Boyce     | 218   |
| 14 | Grady      | 15,890 | Gaffney  | 6,547  | Smagg           | 49  | Styles    | 352   |
| 15 | Keating    | 8,967  | Elsberg  | 12,005 | Latimer         | 52  | Goldstein | 152   |
| 16 | Trainor    | 13,842 | Belknap  | 5,547  | Barrett         | 56  | Bahnsen   | 267   |
| 17 | Plunkitt   | 14,123 | Kirtland | 9,786  | Lindsay         | 72  | White     | 314   |
| 18 | Dowling    | 14,200 | Goode    | 5,093  | B.T. Rogers, Jr | 40  | Simon     | 491   |
| 19 | Russell    | 24,795 | Smith    | 22,991 | Johns           | 164 | Kavanagh  | 509   |
| 20 | Frawley    | 17,267 | Werner   | 7,400  | Carpenter       | 105 | Heymann   | 685   |
| 21 | Hawkins    | 25,611 | Burgoyne | 13,531 | Barton          | 123 | Ferguson  | 871   |
| 22 | McClelland | 2,430  | Mills    | 1,549  |                 |     | Fransceky | 68    |

BOROUGH OF BROOKLYN.

|   |          |        |          |        |          |     |          |     |
|---|----------|--------|----------|--------|----------|-----|----------|-----|
| 3 | Cullen   | 13,702 | Douglas  | 7,395  | McAlpin  | 88  | Heineman | 166 |
| 4 | Whitlock | 15,673 | De Graw  | 12,854 | Davidson | 129 | Schwarz  | 429 |
| 5 | McCabe   | 17,728 | Hopkins  | 8,901  | Miller   | 98  | Archer   | 283 |
| 6 | Burton   | 15,532 | Fuller   | 13,734 | Daniels  | 136 | Lund     | 259 |
| 7 | McCarran | 14,858 | Sprenger | 8,208  | Pratt    | 122 | Brower   | 707 |
| 8 | Cameron  | 14,710 | Marshall | 19,716 | Hallock  | 187 | Kuhn     | 258 |
| 9 | Wagner   | 17,289 | Schultz  | 13,574 | Eden     | 109 | Stegner  | 840 |

BOROUGH OF QUEENS.

|   |        |        |       |        |       |    |      |       |
|---|--------|--------|-------|--------|-------|----|------|-------|
| 2 | Keenan | 15,512 | Cocks | 10,350 | Ralph | 92 | Hopp | 1,032 |
|---|--------|--------|-------|--------|-------|----|------|-------|

BOROUGH OF RICHMOND.

|       |        |       |      |       |         |     |          |     |
|-------|--------|-------|------|-------|---------|-----|----------|-----|
| ..... | Bailey | 7,132 | Rost | 4,893 | Whittam | 131 | Le Grand | 129 |
|-------|--------|-------|------|-------|---------|-----|----------|-----|

PAST VOTE FOR MAYOR OF NEW YORK.

1888—Grant, Dem., 114,111; Erhardt, Rep., 73,037; Hewitt, Cit. and C. Dem., 71,979. Total vote, 259,127.  
 1890—Grant, Dem., 116,581; Scott, Mun. L., Rep., and C. D., 93,382. Total vote, 209,963.  
 1892—Gilroy, Dem., 173,510; Einstein, Rep., 97,923. Total vote, 271,433.  
 1894—Grant, Dem., 108,907; Strong, Rep. and A. T., 154,094. Total vote, 263,001.

PAST VOTE FOR MAYOR OF BROOKLYN.

1889—Chapin, Dem., 66,343; Baird, Rep., 57,331. Total vote, 123,674.  
 1891—Boody, Dem., 75,359; Meyer, Rep., 67,895. Total vote, 143,254.  
 1893—Boody, Dem., 65,123; Schieren, Rep. and I. Dem., 96,780. Total vote, 161,903.  
 1895—Grout, Dem., 75,390; Wurster, Rep., 77,425; Shepard, Ref. Dem., 9,510. Total vote, 162,265.

VOTE FOR MAYOR OF GREATER NEW YORK.

| 1897.              |                      |           |         | 1901.     |                      |           |         |           |
|--------------------|----------------------|-----------|---------|-----------|----------------------|-----------|---------|-----------|
|                    | Manhattan and Bronx. | Brooklyn. | Queens. | Richmond. | Manhattan and Bronx. | Brooklyn. | Queens. | Richmond. |
| Van Wyck, Dem.     | 143,666              | 76,185    | 9,275   | 4,871     | Shepard, Dem.        | 156,631   | 88,858  | 13,679    |
| Low, Cit. Union    | 77,210               | 65,656    | 5,876   | 2,798     | Low, Fus.            | 162,296   | 114,625 | 13,118    |
| Tracy, Rep.        | 55,834               | 37,611    | 5,639   | 2,779     | Manierre, Pro.       | 617       | 501     | 74        |
| George, Jeff. Dem. | 13,076               | 6,938     | 1,096   | 921       | Keinard, Soc. L.     | 4,323     | 1,638   | 181       |
| Sanial, Soc. L.    | 9,796                | 3,593     | 583     | 157       | Hanford, Soc. D.     | 6,409     | 2,692   | 613       |
| Scattering         | 1,357                | 824       | 684     | 132       |                      |           |         |           |

## NORTH CAROLINA.

| COUNTIES.<br>(97.) | SUP. COURT JUSTICE, 1902. |            | PRESIDENT, 1900. |               |               |                 |  |
|--------------------|---------------------------|------------|------------------|---------------|---------------|-----------------|--|
|                    | Clark, Dem.               | Hill, Ind. | Bryan, Dem.      | McKinley Rep. | Woolley, Pro. | Bar-ker, M.R.P. |  |
| Alamance.....      | 1,849                     | 1,517      | 1,923            | 2,256         | 32            | 6               |  |
| Alexander.....     | 872                       | 910        | 774              | 958           | 26            |                 |  |
| Alleghany.....     | 701                       | 536        | 709              | 662           |               |                 |  |
| Anson.....         | 1,292                     | 59         | 1,856            | 673           |               | 5               |  |
| Ashe.....          | 1,450                     | 1,530      | 1,513            | 1,937         | 2             |                 |  |
| Beaufort.....      | 1,724                     | 172        | 2,316            | 1,799         |               |                 |  |
| Bertie.....        | 1,418                     | 105        | 2,420            | 1,067         |               |                 |  |
| Bladen.....        | 1,059                     | 506        | 1,102            | 1,192         |               | 20              |  |
| Brunswick.....     | 640                       | 353        | 525              | 643           |               |                 |  |
| Buncombe.....      | 3,212                     | 2,485      | 3,724            | 4,141         | 33            | 26              |  |
| Burke.....         | 1,154                     | 852        | 1,389            | 1,110         | 7             | 2               |  |
| Cabarrus.....      | 1,166                     | 1,379      | 1,486            | 1,111         | 16            | 8               |  |
| Caldwell.....      | 1,126                     | 1,033      | 1,111            | 1,317         | 28            | 25              |  |
| Camden.....        | 482                       | 97         | 498              | 535           |               | 7               |  |
| Carteret.....      | 895                       | 616        | 1,046            | 767           |               |                 |  |
| Caswell.....       | 1,074                     | 193        | 1,342            | 1,297         | 2             | 4               |  |
| Catawba.....       | 1,607                     | 1,409      | 1,607            | 1,524         | 63            |                 |  |
| Chatham.....       | 1,531                     | 1,346      | 1,489            | 1,240         | 2             | 95              |  |
| Cherokee.....      | 626                       | 854        | 774              | 1,157         |               | 24              |  |
| Chowan.....        | 759                       | 61         | 898              | 932           |               | 6               |  |
| Clay.....          | 351                       | 306        | 404              | 394           |               |                 |  |
| Cleveland.....     | 2,250                     | 818        | 2,228            | 1,311         | 21            |                 |  |
| Columbus.....      | 1,568                     | 604        | 1,623            | 1,237         |               | 19              |  |
| Craven.....        | 1,385                     | 103        | 2,027            | 1,502         |               |                 |  |
| Cumberland.....    | 1,742                     | 858        | 1,965            | 2,138         | 10            |                 |  |
| Currituck.....     | 829                       | 24         | 927              | 435           |               | 1               |  |
| Dare.....          | 466                       | 366        | 404              | 231           |               |                 |  |
| Davidson.....      | 1,956                     | 1,867      | 1,823            | 2,329         | 19            |                 |  |
| Davie.....         | 854                       | 1,002      | 832              | 1,251         | 37            | 26              |  |
| Duplin.....        | 1,576                     | 711        | 1,878            | 1,081         |               | 6               |  |
| Durham.....        | 1,720                     | 942        | 2,373            | 2,026         | 14            | 20              |  |
| Edgecombe.....     | 1,648                     | 99         | 3,009            | 1,635         | 1             | 5               |  |
| Forsyth.....       | 2,220                     | 1,992      | 2,485            | 2,588         | 27            |                 |  |
| Franklin.....      | 1,244                     | 361        | 2,781            | 1,602         | 13            |                 |  |
| Gates.....         | 2,986                     | 617        | 1,931            | 1,926         | 50            | 57              |  |
| Gaston.....        | 763                       | 171        | 1,125            | 564           |               | 8               |  |
| Graham.....        | 383                       | 394        | 358              | 387           |               |                 |  |
| Granville.....     | 1,796                     | 494        | 2,287            | 1,585         | 2             |                 |  |
| Greene.....        | 1,086                     | 199        | 1,355            | 890           |               |                 |  |
| Guilford.....      | 3,062                     | 1,416      | 3,335            | 3,296         | 45            |                 |  |
| Halifax.....       | 1,963                     | 385        | 3,990            | 2,179         | 1             |                 |  |
| Harnett.....       | 1,281                     | 642        | 1,342            | 1,194         |               |                 |  |
| Haywood.....       | 1,629                     | 1,154      | 1,735            | 1,257         | 13            |                 |  |
| Henderson.....     | 947                       | 1,164      | 973              | 1,483         |               |                 |  |
| Hertford.....      | 1,003                     | 86         | 1,337            | 732           |               |                 |  |
| Hyde.....          | 702                       | 206        | 867              | 798           |               |                 |  |
| Iredell.....       | 1,985                     | 1,246      | 2,523            | 2,044         | 17            |                 |  |
| Jackson.....       | 967                       | 885        | 1,080            | 1,047         |               |                 |  |
| Johnston.....      | 2,859                     | 922        | 3,154            | 1,997         | 1             | 16              |  |
| Jones.....         | 662                       | 143        | 713              | 602           |               |                 |  |
| Lenoir.....        | 1,603                     | 188        | 1,936            | 1,224         |               |                 |  |
| Lincoln.....       | 1,122                     | 728        | 893              | 1,133         | 3             | 19              |  |
| Macon.....         | 915                       | 938        | 977              | 1,035         |               | 4               |  |
| Madison.....       | 1,086                     | 1,994      | 1,268            | 2,327         |               |                 |  |
| Martin.....        | 1,469                     | 41         | 1,819            | 1,088         |               |                 |  |
| McDowell.....      | 745                       | 828        | 1,014            | 1,105         | 11            | 9               |  |
| Mecklenburg.....   | 2,674                     | 799        | 3,786            | 2,324         | 47            | 31              |  |
| Mitchell.....      | 383                       | 1,269      | 491              | 1,958         |               |                 |  |
| Montgomery.....    | 1,062                     | 770        | 1,100            | 920           | 1             |                 |  |
| Moore.....         | 1,635                     | 1,004      | 1,606            | 2,029         | 4             | 10              |  |
| Nash.....          | 1,832                     | 567        | 2,600            | 1,337         |               |                 |  |
| New Hanover.....   | 1,227                     | 106        | 2,247            | 60            |               |                 |  |
| Northampton.....   | 1,643                     | 1,006      | 1,992            | 1,587         |               |                 |  |
| Onslow.....        | 1,094                     | 148        | 1,322            | 618           |               |                 |  |
| Orange.....        | 1,040                     | 460        | 1,274            | 1,280         |               | 11              |  |
| Pamlico.....       | 552                       | 313        | 597              | 729           |               |                 |  |
| Pasquotank.....    | 1,104                     | 149        | 1,196            | 1,282         |               |                 |  |
| Pender.....        | 1,034                     | 110        | 1,137            | 543           | 5             | 2               |  |
| Perquimans.....    | 714                       | 264        | 830              | 846           |               |                 |  |
| Person.....        | 1,125                     | 465        | 1,466            | 1,274         |               | 7               |  |
| Pitt.....          | 2,668                     | 37         | 3,264            | 2,156         | 15            | 21              |  |
| Polk.....          | 503                       | 480        | 484              | 652           | 7             |                 |  |
| Randolph.....      | 2,466                     | 2,198      | 2,264            | 2,487         | 37            |                 |  |
| Richmond.....      | 930                       | 287        | 1,264            | 504           | 5             |                 |  |
| Robeson.....       | 2,664                     | 866        | 3,280            | 1,146         |               |                 |  |
| Rockingham.....    | 2,667                     | 761        | 2,682            | 2,252         |               | 3               |  |
| Rowan.....         | 2,213                     | 943        | 4,461            | 1,555         | 263           | 15              |  |
| Rutherford.....    | 1,930                     | 1,165      | 2,051            | 1,621         | 1             | 27              |  |
| Sampson.....       | 1,271                     | 1,725      | 1,257            | 2,002         | 51            | 106             |  |
| Scotland.....      | 727                       | 63         | 924              | 44            |               |                 |  |

## NORTH CAROLINA—Continued.

| COUNTIES.         | SUP. COURT JUSTICE, 1902. |            | PRESIDENT, 1900. |               |               |                 |  |
|-------------------|---------------------------|------------|------------------|---------------|---------------|-----------------|--|
|                   | Clark, Dem.               | Hill, Ind. | Bryan, Dem.      | McKinley Rep. | Woolley, Pro. | Bar-ker, M.R.P. |  |
| Stanly.....       | 1,273                     | 719        | 1,265            | 792           | 2             |                 |  |
| Stokes.....       | 1,283                     | 1,434      | 1,443            | 1,798         |               |                 |  |
| Surry.....        | 1,922                     | 2,203      | 1,898            | 2,451         |               |                 |  |
| Swain.....        | 528                       | 721        | 590              | 782           |               |                 |  |
| Transylvania..... | 531                       | 500        | 529              | 622           |               |                 |  |
| Tyrrell.....      | 467                       | 190        | 466              | 383           | 3             |                 |  |
| Union.....        | 1,135                     | 177        | 1,790            | 864           |               |                 |  |
| Vance.....        | 1,056                     | 443        | 1,253            | 851           |               | 22              |  |
| Wake.....         | 4,147                     | 773        | 4,774            | 3,947         |               | 48              |  |
| Warren.....       | 1,041                     | 83         | 1,573            | 784           | 15            |                 |  |
| Washington.....   | 624                       | 177        | 834              | 1,439         |               |                 |  |
| Watauga.....      | 944                       | 1,242      | 923              | 1,439         |               |                 |  |
| Wayne.....        | 2,632                     | 588        | 3,104            | 1,965         | 2             |                 |  |
| Wilkes.....       | 1,465                     | 2,231      | 1,704            | 2,840         | 37            |                 |  |
| Wilson.....       | 1,795                     | 547        | 2,816            | 1,194         | 2             |                 |  |
| Yadkin.....       | 797                       | 1,461      | 950              | 1,733         | 2             |                 |  |
| Yancey.....       | 938                       | 929        | 954              | 1,082         | 7             |                 |  |
| Total.....        | 132,239                   | 71,275     | 157,752          | 133,061       | 1,006         | 830             |  |
| Plurality.....    | 60,964                    |            | 24,671           |               |               |                 |  |
| Per cent.....     | 64.97                     | 35.02      | 53.89            | 45.47         | 0.34          | 0.28            |  |
| Scattering.....   |                           |            |                  |               |               |                 |  |
| Whole vote.....   | 203,514                   |            |                  | 292,669       |               |                 |  |

## VOTE FOR STATE OFFICERS, 1900.

For Governor, Charles B. Aycock, Dem., 126,650; Spencer B. Adams, Rep., 126,296; Henry Sheets, Pro, 358. Aycock's plurality, 60,354. All State officers elected were Democrats.

Vote on the constitutional amendment disfranchising illiterate negroes: For amendment, 182,217; against amendment, 128,285.

## VOTE FOR REPRESENTATIVES IN CONGRESS, 1902.

## Districts.

I. Beaufort, Camden, Chowan, Currituck, Dare, Gates, Hertford, Hyde, Martin, Pasquotank, Perquimans, Pitt, Tyrrell, and Washington. John Smith, Dem., 13,424; H. E. Hodges, Rep., 1,676.

II. Bertie, Edgecombe, Greene, Halifax, Lenoir, Northampton, Warren, and Wilson. Claude Kitchin, Dem., 12,705; Scot Harris, Rep., 118.

III. Carteret, Craven, Duplin, Jones, Onslow, Pamlico, Pender, Sampson, and Wayne. Chas. R. Thomas, Dem., 11,198; Geo. E. Butler, Pop., 4,567.

IV. Chatham, Franklin, Johnston, Nash, Vance, and Wake. Edward W. Pop, Dem., 13,799; T. L. Banks, Ind., 771; J. W. Atwater, Ind., 2,105.

V. Alamance, Caswell, Durham, Forsyth, Granville, Guilford, Orange, Person, Rockingham, and Stokes. Wm. W. Kitchin, Dem., 17,900; J. L. Patterson, Ind., 9,511.

VI. Bladen, Brunswick, Columbus, Cumberland, Harnett, New Hanover, and Robeson. Gilbert B. Patterson, Dem., 9,901; A. H. Sloumb, Rep., 4,430.

VII. Anson, Davidson, Davie, Montgomery, Moore, Randolph, Richmond, Scotland, Union, and Yadkin. Robt. N. Page, 13,269; E. H. Norris, Ind., 2,482.

VIII. Alexander, Alleghany, Ashe, Cabarrus, Caldwell, Iredell, Rowan, Stanly, Surry, Watauga, and Wilkes. Theo. F. Klutz, Dem., 15,632; E. S. Blackburn, Rep., 14,153.

IX. Burke, Catawba, Cleveland, Gaston, Lincoln, Madison, Mecklenburg, Mitchell, and Yancey. Edward Y. Webb, Dem., 14,087; Geo. B. Hiss, Rep., 8,778.



NORTH CAROLINA—Continued.

**XX. Counties of Buncombe, Cherokee, Clay, Graham, Haywood, Henderson, Jackson, McDowell, Macon, Polk, Rutherford, Swain, Transylvania. J. M. Gudger, Jr., Dem., 12,700; J. M. Moody, Rep., 12,517.**

**PRESENT STATE GOVERNMENT.**

Governor, C. B. Aycock; Lieutenant-Governor, W. D. Turner; Secretary of State, J. B. Grimes; Treasurer, B. R. Lacey; Auditor, B. F. Dixon; Attorney-General, R. D. Gilmer; Superintendent of Education, J. Y. Joyner; Commissioner of Agriculture, S. L. Patterson; Commissioner of Insurance, J. R. Young; Adjutant-General, B. S. Royster—all Democrats.

**JUDICIARY.**

Supreme Court: Chief Justice, Walter Clark, Dem.; Justices, Robert M. Douglas, Rep.; W. A. Montgomery, Dem.; Henry G. Connor, P. D. Walker, Clerk, Thomas S. Keenan, Dem.

**STATE LEGISLATURE, 1903.**

|                       | Senate. | House. | Joint Ballot. |
|-----------------------|---------|--------|---------------|
| Democrats.....        | 44      | 100    | 144           |
| Republicans.....      | 5       | 17     | 22            |
| Ind. Democrats.....   | 1       | 3      | 4             |
| Democratic majority.. | 38      | 80     | 118           |

**VOTE OF THE STATE SINCE 1872.**

|                       | Dem.                            | Rep.    | Gr.    | Pro.  | Maj.      |
|-----------------------|---------------------------------|---------|--------|-------|-----------|
| 1872. President....   | 70,092                          | 94,783  | .....  | ..... | 24,601 R  |
| 1876. President....   | 125,427                         | 108,419 | .....  | ..... | 17,008 D  |
| 1880. President....   | 124,204                         | 115,878 | 1,136  | ..... | *8,326 D  |
| 1884. President....   | 142,952                         | 126,068 | .....  | 454   | *17,884 D |
| 1888. President....   | 147,902                         | 134,784 | .....  | 2,789 | 13,118 D  |
|                       | <i>Pop.</i>                     |         |        |       |           |
| 1892. President....   | 132,951                         | 100,342 | 44,736 | 2,636 | 32,609 D  |
|                       | <i>Dem. Rep.—Pop.—Maj.</i>      |         |        |       |           |
| 1894. Ch. Justice.... | 127,593                         | 148,344 | 20,751 | R-P   |           |
|                       | <i>Dem. Rep. Pop. Pro. Plu.</i> |         |        |       |           |
| 1896. Governor....    | 145,216                         | 154,052 | 30,932 | ..... | 8,836 R   |
|                       | <i>Fus. Rep. N. D.</i>          |         |        |       |           |
| 1896. President....   | 174,488                         | 155,222 | 578    | 675   | 19,266 F  |
|                       | <i>Dem.</i>                     |         |        |       |           |
| 1898. Judge.....      | 177,449                         | 159,511 | .....  | ..... | 17,938 D  |
|                       | <i>Peo.</i>                     |         |        |       |           |
| 1900. Governor....    | 186,650                         | 126,296 | .....  | 358   | 60,354 D  |
| 1900. President....   | 157,752                         | 133,081 | 830    | 1,086 | 26,671 D  |
| 1902. Jus. Sup. Ct    | 132,289                         | 71,275  | .....  | ..... | 50,964 D  |

\* Plurality.

**NORTH DAKOTA.**

| COUNTIES.<br>(39.) | GOVERNOR,<br>1902.   |                | PRESIDENT,<br>1900. |                       |                       |                       |  |
|--------------------|----------------------|----------------|---------------------|-----------------------|-----------------------|-----------------------|--|
|                    | Cro-<br>nan,<br>Dem. | White,<br>Rep. | Bryan,<br>Dem.      | Mc-<br>Kinley<br>Rep. | Wool-<br>ley,<br>Pro. | Debs,<br>Soc.<br>Dem. |  |
| Barnes.....        | 437                  | 1,268          | 1,076               | 1,924                 | 32                    | 12                    |  |
| Benson.....        | 441                  | 1,307          | 319                 | 1,885                 | 18                    | 12                    |  |
| Billings.....      | 22                   | 132            | 50                  | 158                   | 1                     | 3                     |  |
| Bottineau.....     | 815                  | 1,115          | 328                 | 728                   | 12                    | 17                    |  |
| Burleigh.....      | 395                  | 723            | 339                 | 679                   | 1                     | 2                     |  |
| Cass.....          | 1,415                | 1,858          | 1,636               | 3,485                 | 103                   | 78                    |  |
| Cavalier.....      | 968                  | 1,297          | 1,211               | 1,361                 | 32                    | 44                    |  |
| Dickey.....        | 360                  | 688            | 567                 | 765                   | 14                    | 8                     |  |
| Eddy.....          | 165                  | 415            | 285                 | 455                   | 8                     | 7                     |  |
| Emmons.....        | 229                  | 411            | 311                 | 432                   | 1                     | 2                     |  |
| Foster.....        | 329                  | 409            | 241                 | 415                   | 16                    | 1                     |  |
| Grand Forks..      | 1,538                | 1,607          | 1,532               | 2,603                 | 58                    | 41                    |  |
| Griggs.....        | 296                  | 409            | 407                 | 527                   | 29                    | 2                     |  |
| Kidder.....        | 252                  | 259            | 70                  | 225                   | 9                     | ..                    |  |
| La Moure.....      | 322                  | 593            | 405                 | 567                   | 10                    | 9                     |  |
| Logan.....         | 12                   | 271            | 35                  | 231                   | ..                    | 1                     |  |
| McHenry.....       | 441                  | 1,169          | 222                 | 593                   | 8                     | 23                    |  |
| McIntosh.....      | 22                   | 497            | 125                 | 658                   | ..                    | 8                     |  |
| McLean.....        | 81                   | 635            | 110                 | 587                   | 3                     | 1                     |  |
| Mercer.....        | 4                    | 212            | 41                  | 269                   | ..                    | 4                     |  |
| Morton.....        | 447                  | 922            | 536                 | 1,056                 | 3                     | 4                     |  |
| Nelson.....        | 438                  | 838            | 575                 | 994                   | 24                    | 25                    |  |
| Oliver.....        | 55                   | 100            | 75                  | 109                   | 2                     | ..                    |  |
| Pembina.....       | 1,014                | 1,585          | 1,321               | 1,732                 | 59                    | 17                    |  |

NORTH DAKOTA—Continued.

| COUNTIES.       | GOVERNOR,<br>1902.   |                | PRESIDENT,<br>1900. |                       |                       |                       |  |
|-----------------|----------------------|----------------|---------------------|-----------------------|-----------------------|-----------------------|--|
|                 | Cro-<br>nan,<br>Dem. | White,<br>Rep. | Bryan,<br>Dem.      | Mc-<br>Kinley<br>Rep. | Wool-<br>ley,<br>Pro. | Debs,<br>Soc.<br>Dem. |  |
| Pierce.....     | 287                  | 547            | 276                 | 555                   | 5                     | 6                     |  |
| Ramsey.....     | 293                  | 975            | 495                 | 1,146                 | 15                    | 29                    |  |
| Ransom.....     | 317                  | 858            | 500                 | 922                   | 30                    | 10                    |  |
| Richland.....   | 1,419                | 1,563          | 1,399               | 2,067                 | 37                    | 33                    |  |
| Rolette.....    | 407                  | 592            | 355                 | 566                   | 8                     | 6                     |  |
| Sargent.....    | 358                  | 690            | 564                 | 764                   | 18                    | 9                     |  |
| Stark.....      | 271                  | 498            | 425                 | 779                   | 4                     | 4                     |  |
| Steele.....     | 76                   | 310            | 214                 | 724                   | 18                    | 2                     |  |
| Stutsman.....   | 587                  | 971            | 712                 | 1,076                 | 30                    | 4                     |  |
| Towner.....     | 426                  | 707            | 454                 | 805                   | 14                    | 26                    |  |
| Trail.....      | 352                  | 795            | 409                 | 1,535                 | 56                    | 16                    |  |
| Walsh.....      | 1,463                | 1,433          | 1,802               | 1,869                 | 29                    | 16                    |  |
| Ward.....       | 607                  | 1,824          | 364                 | 880                   | 14                    | 25                    |  |
| Wells.....      | 294                  | 884            | 388                 | 966                   | 8                     | 13                    |  |
| Williams.....   | 111                  | 254            | 95                  | 249                   | 2                     | ..                    |  |
| Total.....      | 17,566               | 31,621         | 20,519              | 35,891                | 731                   | 518                   |  |
| Plurality.....  | 14,055               |                | 15,372              |                       | ..                    |                       |  |
| Per cent.....   | 34.90                | 62.83          | 35.52               | 62.12                 | 1.26                  | 0.81                  |  |
| Scattering..... | 1,139                |                | 110                 |                       | ..                    |                       |  |
| Whole vote..    | 50,326               |                | 57,769              |                       | ..                    |                       |  |

For Governor in 1902 Grant, Soc., received 1,139 votes.

The scattering vote for President in 1900 was: Barker, M. R. Pop., 110.

**VOTE FOR GOVERNOR IN 1902.**

The vote for Governor in 1900 was: Wapperman, Dem., 22,275; White, Rep., 34,052; Poayne, Soc. D., 425; Carther, Pro., 560; Fancher, Peo., 313. White's plurality, 11,777.

**VOTE FOR REPRESENTATIVES IN CONGRESS, 1902**

*At Large*.—L. A. Ueland, Dem., 14,788; V. R. Lovell, Dem., 14,404; T. F. Marshall, Rep., 33,029; B. F. Spaulding, Rep., 32,882; R. F. King, Soc., 1,100

**PRESENT STATE GOVERNMENT.**

Governor, Frank White; Lieutenant-Governor, David Bartlett; Secretary of State, E. F. Porter; Treasurer, D. H. McMillan; Auditor, H. L. Holmes; Attorney-General, C. N. Fritch; Superintendent of Education, W. L. Stockwell; Adjutant-General, E. S. Miller; Commissioner of Agriculture, R. J. Turner; Commissioner of Insurance, Ferdinand Leutz; Commissioner of Public Lands, D. J. Laxdahl—all Republicans.

**JUDICIARY.**

Supreme Court: Chief Justice, N. C. Young; Justices, D. E. Morgan, John M. Cockrane—all Republicans.

**STATE LEGISLATURE, 1903.**

The Legislature is composed of 117 Republicans and 23 Democrats.

**VOTE OF THE STATE AND TERRITORY SINCE 1884.**

|                       | Dem.                       | Rep.   | F. A.   | Maj.     |
|-----------------------|----------------------------|--------|---------|----------|
| *1884. Congress.....  | 3,352                      | 28,906 | .....   | 25,554 R |
| *1886. Congress.....  | 15,540                     | 23,567 | .....   | 8,027 R  |
| *1888. Congress.....  | 15,801                     | 25,290 | .....   | 9,489 R  |
| 1889. Governor.....   | 12,733                     | 25,365 | .....   | 12,632 R |
| 1890. Governor.....   | 12,604                     | 19,053 | 4,821   | 6,449 R  |
|                       | <i>Fusion. Pop. Pro.</i>   |        |         |          |
| 1892. Governor 18,995 | 17,336                     |        | 1,729 F |          |
| 1892. President.....  | 17,700                     | 17,519 | 899     | 181 P    |
|                       | <i>Dem.</i>                |        |         |          |
| 1894. Governor.....   | 8,188                      | 23,723 | 9,354   | 14,369 R |
|                       | <i>Dem. Rep. Pro. Plu.</i> |        |         |          |
| 1896. President.....  | 20,686                     | 26,335 | 358     | 5,649 R  |
|                       | <i>Fus.</i>                |        |         |          |
| 1898. Governor.....   | 19,496                     | 27,308 | .....   | 7,812 R  |
| 1900. Governor.....   | 22,275                     | 34,052 | 560     | 11,777 R |
| 1900. President.....  | 20,519                     | 35,891 | 731     | 15,372 R |
|                       | <i>Soc.</i>                |        |         |          |
| 1902. Governor.....   | 17,566                     | 31,621 | 1,139   | 14,055 R |

\*Vote of the north half of Dakota Territory, corresponding to the present State of North Dakota.

OHIO.

OHIO—Continued.

| COUNTIES.<br>(88.) | SEC. OF STATE<br>1902. |                | GOVERNOR,<br>1901.     |               | PRESIDENT,<br>1900. |                       |
|--------------------|------------------------|----------------|------------------------|---------------|---------------------|-----------------------|
|                    | Bige-<br>low,<br>Dem.  | Laylin<br>Rep. | Kil-<br>bourne<br>Dem. | Nash,<br>Rep. | Bryan,<br>Dem.      | Mc-<br>Kinley<br>Rep. |
| Adams.....         | 2,786                  | 3,350          | 3,173                  | 3,277         | 3,169               | 3,535                 |
| Allen.....         | 4,855                  | 4,449          | 5,118                  | 4,848         | 6,540               | 5,281                 |
| Ashland.....       | 2,620                  | 2,227          | 2,662                  | 2,228         | 3,399               | 2,641                 |
| Ashtabula.....     | 1,565                  | 6,545          | 1,339                  | 6,314         | 3,438               | 9,272                 |
| Athens.....        | 1,623                  | 4,690          | 1,791                  | 4,636         | 2,529               | 6,126                 |
| Auglaize.....      | 3,090                  | 2,945          | 3,512                  | 2,298         | 4,812               | 2,895                 |
| Belmont.....       | 3,865                  | 5,537          | 3,764                  | 5,495         | 6,251               | 2,927                 |
| Brown.....         | 2,727                  | 1,958          | 3,204                  | 2,498         | 4,397               | 2,991                 |
| Butler.....        | 6,394                  | 5,033          | 7,388                  | 5,185         | 8,880               | 6,025                 |
| Carroll.....       | 1,381                  | 2,841          | 1,379                  | 2,287         | 1,720               | 2,668                 |
| Champaign.....     | 1,813                  | 3,263          | 2,558                  | 3,770         | 3,192               | 4,306                 |
| Clark.....         | 3,561                  | 5,332          | 4,558                  | 6,439         | 4,543               | 6,806                 |
| Clermont.....      | 3,876                  | 3,887          | 3,587                  | 3,844         | 4,244               | 3,990                 |
| Clinton.....       | 1,577                  | 3,291          | 1,558                  | 3,646         | 4,394               | 4,149                 |
| Columbiana.....    | 2,892                  | 6,856          | 4,071                  | 7,638         | 5,997               | 10,255                |
| Coshocton.....     | 3,243                  | 2,889          | 3,352                  | 3,122         | 3,840               | 3,562                 |
| Crawford.....      | 3,865                  | 2,113          | 4,298                  | 3,296         | 5,968               | 3,150                 |
| Cuyahoga.....      | 36,355                 | 34,027         | 31,835                 | 31,720        | 42,440              | 45,299                |
| Darke.....         | 4,967                  | 4,145          | 4,903                  | 4,397         | 6,003               | 4,834                 |
| Defiance.....      | 2,924                  | 2,707          | 2,897                  | 2,165         | 3,766               | 2,684                 |
| Delaware.....      | 2,560                  | 3,129          | 2,962                  | 3,550         | 3,337               | 3,765                 |
| Erie.....          | 3,998                  | 4,494          | 4,004                  | 4,502         | 4,837               | 5,353                 |
| Fairfield.....     | 3,933                  | 3,819          | 4,776                  | 3,402         | 5,431               | 3,738                 |
| Fayette.....       | 1,526                  | 2,486          | 1,861                  | 2,826         | 2,438               | 3,380                 |
| Franklin.....      | 17,173                 | 19,139         | 19,792                 | 17,522        | 19,909              | 23,237                |
| Fulton.....        | 1,636                  | 2,851          | 1,296                  | 2,211         | 2,262               | 3,457                 |
| Gallia.....        | 1,791                  | 3,064          | 1,675                  | 3,424         | 2,358               | 4,159                 |
| Geauga.....        | 429                    | 1,670          | 423                    | 1,908         | 1,117               | 2,816                 |
| Greene.....        | 1,696                  | 3,717          | 1,834                  | 2,305         | 2,743               | 5,100                 |
| Guernsey.....      | 2,466                  | 3,831          | 2,175                  | 3,873         | 3,120               | 5,014                 |
| Hamilton.....      | 21,241                 | 48,775         | 36,978                 | 42,664        | 40,228              | 55,466                |
| Hancock.....       | 4,587                  | 4,826          | 4,462                  | 5,174         | 4,642               | 5,559                 |
| Hardin.....        | 3,877                  | 4,292          | 3,755                  | 5,174         | 4,190               | 4,389                 |
| Harrison.....      | 1,379                  | 2,348          | 1,509                  | 2,531         | 2,261               | 3,274                 |
| Henry.....         | 3,003                  | 2,173          | 3,147                  | 2,129         | 4,157               | 2,623                 |
| Highland.....      | 3,707                  | 3,691          | 3,699                  | 3,893         | 3,938               | 4,078                 |
| Hocking.....       | 2,589                  | 2,558          | 2,525                  | 2,599         | 2,896               | 2,923                 |
| Holmes.....        | 1,855                  | 844            | 2,116                  | 920           | 3,294               | 1,269                 |
| Huron.....         | 2,509                  | 3,883          | 2,767                  | 3,986         | 3,906               | 4,993                 |
| Jackson.....       | 2,566                  | 4,169          | 2,729                  | 4,123         | 3,313               | 4,932                 |
| Jefferson.....     | 1,741                  | 4,248          | 1,868                  | 4,513         | 3,575               | 6,470                 |
| Knox.....          | 3,117                  | 3,629          | 3,592                  | 3,706         | 3,797               | 4,011                 |
| Lake.....          | 1,133                  | 2,532          | 772                    | 2,562         | 1,733               | 3,929                 |
| Lawrence.....      | 2,132                  | 4,237          | 1,934                  | 2,127         | 2,876               | 5,505                 |
| Licking.....       | 5,115                  | 4,915          | 5,795                  | 5,174         | 6,716               | 5,854                 |
| Logan.....         | 1,790                  | 3,730          | 2,072                  | 4,157         | 2,951               | 4,806                 |
| Lorain.....        | 2,787                  | 5,758          | 2,381                  | 5,937         | 3,489               | 8,497                 |
| Lucas.....         | 7,668                  | 13,575         | 10,901                 | 13,569        | 15,390              | 17,128                |
| Madison.....       | 1,877                  | 2,679          | 2,229                  | 2,907         | 2,493               | 3,197                 |
| Mahoning.....      | 4,672                  | 7,183          | 4,745                  | 6,829         | 7,402               | 8,939                 |
| Marion.....        | 3,637                  | 3,498          | 3,740                  | 3,566         | 4,141               | 3,770                 |
| Medina.....        | 1,221                  | 2,521          | 1,391                  | 2,799         | 2,360               | 3,510                 |
| Meigs.....         | 1,425                  | 3,278          | 1,786                  | 3,512         | 2,237               | 4,545                 |
| Mercer.....        | 3,142                  | 1,546          | 2,691                  | 1,441         | 4,460               | 2,015                 |
| Miami.....         | 3,590                  | 5,046          | 3,512                  | 5,474         | 5,127               | 6,197                 |
| Montgomery.....    | 3,165                  | 1,632          | 3,949                  | 1,632         | 4,443               | 2,107                 |
| Morgan.....        | 12,495                 | 16,171         | 12,249                 | 15,621        | 16,236              | 19,606                |
| Morrow.....        | 1,840                  | 2,252          | 1,875                  | 2,251         | 2,188               | 2,659                 |
| Muskingum.....     | 5,457                  | 6,284          | 5,718                  | 6,519         | 6,667               | 7,265                 |
| Noble.....         | 1,700                  | 2,996          | 1,675                  | 2,426         | 2,173               | 2,704                 |
| Ottawa.....        | 2,806                  | 1,896          | 2,420                  | 1,626         | 3,185               | 2,131                 |
| Paulding.....      | 2,963                  | 3,185          | 2,689                  | 3,095         | 3,284               | 3,597                 |
| Perry.....         | 3,127                  | 3,818          | 3,105                  | 3,751         | 3,599               | 4,180                 |
| Pickaway.....      | 3,568                  | 2,810          | 3,572                  | 3,932         | 4,033               | 3,201                 |
| Pike.....          | 2,048                  | 2,113          | 2,180                  | 2,138         | 1,960               | 2,342                 |
| Portage.....       | 3,047                  | 3,502          | 2,099                  | 3,400         | 3,651               | 4,311                 |
| Preble.....        | 2,851                  | 3,161          | 2,680                  | 3,253         | 3,206               | 3,548                 |
| Putnam.....        | 3,653                  | 2,017          | 3,793                  | 2,342         | 4,943               | 2,817                 |
| Richland.....      | 5,023                  | 4,493          | 5,255                  | 4,503         | 6,581               | 5,461                 |
| Ross.....          | 4,321                  | 4,899          | 4,653                  | 5,085         | 5,035               | 5,463                 |
| Sandusky.....      | 4,377                  | 3,989          | 3,504                  | 3,377         | 4,815               | 4,003                 |
| Scioto.....        | 2,693                  | 4,765          | 2,378                  | 4,398         | 3,629               | 5,756                 |
| Seneca.....        | 4,914                  | 4,805          | 4,463                  | 4,148         | 5,946               | 4,904                 |
| Shelby.....        | 2,838                  | 2,106          | 3,160                  | 2,220         | 3,857               | 2,482                 |
| Stark.....         | 7,068                  | 10,172         | 7,981                  | 11,394        | 10,651              | 13,165                |
| Summit.....        | 6,797                  | 8,259          | 5,224                  | 7,121         | 8,413               | 10,072                |
| Trumbull.....      | 1,560                  | 4,589          | 1,753                  | 5,352         | 3,886               | 7,723                 |

| COUNTIES.       | SEC. OF STATE<br>1902. |                | GOVERNOR,<br>1901.     |               | PRESIDENT,<br>1900. |                       |
|-----------------|------------------------|----------------|------------------------|---------------|---------------------|-----------------------|
|                 | Bige-<br>low,<br>Dem.  | Laylin<br>Rep. | Kil-<br>bourne<br>Dem. | Nash,<br>Rep. | Bryan,<br>Dem.      | Mc-<br>Kinley<br>Rep. |
| Tuscarawas..... | 4,918                  | 5,085          | 5,227                  | 4,893         | 6,867               | 6,356                 |
| Union.....      | 1,839                  | 5,022          | 1,866                  | 3,266         | 2,434               | 3,561                 |
| Van Wert.....   | 3,424                  | 3,632          | 3,480                  | 3,850         | 3,582               | 4,006                 |
| Vinton.....     | 1,425                  | 1,795          | 1,290                  | 1,890         | 1,648               | 2,141                 |
| Warren.....     | 1,604                  | 3,146          | 2,060                  | 3,730         | 2,675               | 4,211                 |
| Washington..... | 3,451                  | 4,600          | 4,079                  | 5,459         | 5,399               | 6,542                 |
| Wayne.....      | 4,414                  | 3,773          | 3,981                  | 3,564         | 5,263               | 4,244                 |
| Williams.....   | 2,675                  | 3,412          | 2,514                  | 3,260         | 3,049               | 3,416                 |
| Wood.....       | 3,955                  | 5,358          | 3,292                  | 5,491         | 6,752               | 7,153                 |
| Wyandot.....    | 2,541                  | 2,035          | 2,363                  | 1,911         | 3,268               | 2,397                 |
| Total.....      | 345706                 | 436171         | 368525                 | 436092        | 474882              | 543918                |
| Plurality.....  | 90,465                 |                | 67,567                 |               | 69,036              |                       |
| Per cent.....   | 42.62                  | 53.74          | 44.53                  | 52.69         | 45.66               | 52.28                 |
| Scattering..... | 29,589                 |                | 22,949                 |               | 21,273              |                       |
| Whole vote..... | 811,466                |                | 827,566                |               | 1,040,073           |                       |

The scattering vote for Secretary of State in 1902 was: White, Pro., 12,336; Hays, Soc., 14,270; Adams, Soc. L., 2,983.

The scattering vote for Governor in 1901 was: Pinney, Pro., 9,878; Richardson, U. R., 7,178; Juergens, Soc. L., 2,994; Thompson, Soc., 7,359.

The scattering vote for President in 1900 was: Woolley, Pro., 10,203; Debs, Soc. D., 4,847; Ellis, U. R., 4,284; Malloney, Soc. L., 1,688; Barker, M. R. Pop., 251.

The vote for Secretary of State in 1900 was: McFadden, Dem., 474,078; Laylin, Rep., 543,389; Montgomery, Pro., 9,983; Frankenberg, U. R., 4,642; Heinse, Soc. D., 4,650; Borton, Soc. L., 1,707.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1902.  
Districts.

- I. County of Hamilton (part). Thos. H. Bentham, Dem., 9,471; Nicholas Longworth, Rep., 24,082; W. O. Johnson, Pro., 187; C. E. Irwin, Soc., 1,745. Longworth's plurality, 14,611.
- II. County of Hamilton (part). Harry C. Busch, Dem., 12,095; Herman P. Goebel, Rep., 24,274; A. R. Pugh, Pro., 208; W. R. Fox, Soc., 2,681. Goebel's plurality, 12,179.
- III. Counties of Butler, Montgomery, and Preble. Thos. A. Selz, Dem., 19,551; Robt. M. Nevin, Rep., 25,406; J. C. Uphold, Pro., 791; Jacob Henler, Soc., 2,375. Nevin's plurality, 5,855.
- IV. Counties of Allen, Auglaize, Darke, Mercer, and Shelby. Harvey C. Garber, Dem., 18,242; L. H. Rogers, Rep., 14,879; J. C. Legittrill, Pro., 431. Garber's plurality, 3,363.
- V. Counties of Defiance, Henry, Paulding, Putnam, Van Wert, and Williams. John S. Snook, Dem., 19,086; George Russell, Rep., 16,543. Snook's plurality, 2,538.
- VI. Counties of Brown, Clermont, Clinton, Greene, Highland, and Warren. Wm. G. Thompson, Dem., 15,188; Charles Hildebrandt, Rep., 19,609; E. T. Hays, Pro., 612; F. G. Strickland, Soc., 214. Hildebrandt's plurality, 4,431.
- VII. Counties of Clark, Fayette, Madison, Miami, and Pickaway. Chester Bryan, Dem., 13,994; Thos. B. Kyle, Rep., 18,981; W. F. Cannon, Pro., 493; Ralph Howell, Soc., 502. Kyle's plurality, 4,987.
- VIII. Counties of Champaign, Delaware, Hancock, Hardin, Logan, and Union. W. R. Nevin, Dem., 16,643; W. R. Warnock, Rep., 22,177; J. M. Yeisley, Pro., 835. Warnock's plurality, 5,534.
- IX. Counties of Fulton, Lucas, Ottawa, and Wood. Charles York, Dem., 15,873; J. H. Southern, Rep., 23,815; H. McLane, Pro., 573; J. S. Pyle, Soc., 2,386. Southern's plurality, 7,942.

OHIO—Continued.

- X. Counties of Adams, Gallia, Jackson, Lawrence, Pike, and Scioto. C. E. Belcher, Dem., 14,118; Stephen Morgan, Rep., 21,593; G. P. Taubman, Pro., 518. Morgan's plurality, 7,475.
- XI. Counties of Athens, Hocking, Meigs, Perry, Ross, and Vinton. E. J. Lawrence, Dem., 19,487; Chas. H. Grosvenor, Rep., 23,124. Grosvenor's majority, 3,637.
- XII. Counties of Fairfield and Franklin. DeWitt C. Badger, Dem., 18,569; Cryus Huling, Rep., 17,793; A. B. Paul, Pro., 425; O. C. Steinhoff, Soc., 70. Badger's plurality, 776.
- XIII. Counties of Crawford, Erie, Marion, Sandusky, Seneca, and Wyandot. Jas. H. Morton, Dem., 22,169; A. H. Jackson, Rep., 22,496; H. Peeke, Pro., 441; C. R. Martin, Soc., 402. Jackson's plurality, 327.
- XIV. Counties of Ashland, Huron, Knox, Lorrain, Morrow, and Richland. G. B. Neal, Dem., 17,515; W. W. Skiles, Rep., 22,365; E. P. Getchell, Pro., 773. Skiles' plurality, 4,750.
- XV. Counties of Guernsey, Morgan, Muskingum, Noble, and Washington. E. B. Schneider, Dem., 16,850; H. C. Van Voorhis, Rep., 17,462; J. W. Greene, Pro., 1,120. Van Voorhis' plurality, 612.
- XVI. Counties of Belmont, Carroll, Harrison, Jefferson, and Monroe. J. V. Lawlor, Dem., 11,499; Jos. J. Gill, Rep., 16,129; T. W. Shreve, Pro., 717. Gill's plurality, 4,630.
- XVII. Counties of Coshocton, Holmes, Licking, Tuscarawas, and Wayne. J. W. Cassingham, Dem., 19,753; W. B. Stevens, Rep., 17,563. Cassingham's plurality, 2,190.
- XVIII. Counties of Columbiana, Mahoning, and Stark. Wm. J. Foley, Dem., 10,502; James Kennedy, Rep., 22,461; E. H. Brosins, Pro., 886; T. I. Duffy, Lab., 7,923. Kennedy's plurality, 11,959.
- XIX. Counties of Ashtabula, Geauga, Portage, Summit, and Trumbull. O. D. Everhard, Dem., 13,261; Charles Dick, Rep., 24,732; W. F. Crispin, Pro., 1,063; J. J. Forester, Soc., 816. Dick's plurality, 1,471.
- XX. Counties of Lake, Medina, and Cuyahoga (part). Chas. A. Kohl, Dem., 16,885; J. A. Beidler, Rep., 20,523; J. N. Scholer, Pro., 568; W. E. Krumroy, Soc., 815; John Kircher, Soc. L., 377. Beidler's plurality, 3,638.
- XXI. County of Cuyahoga (part). E. G. Vail, Dem., 16,805; Theo. E. Burton, Rep., 24,353; E. J. Pinney, Pro., 247; H. D. Thomas, Soc., 1,030; Paul Dinger, Soc. L., 296. Burton's plurality, 7,548.

PRESENT STATE GOVERNMENT.

Governor, George K. Nash; Lieutenant-Governor, Henry L. Gordon, Rep.; Secretary of State, Lewis C. Laylin; Treasurer, Isaac B. Cameron; Auditor, W. D. Guilbert; Commissioner of Common Schools, Lewis D. Bonebrake; Attorney-General, John M. Sheets; Adjutant-General, Geo. R. Gyger; Secretary State Board of Agriculture, W. W. Miller; Commissioner of Insurance, S. J. Vorys—all Republicans.

JUDICIARY.

Supreme Court: Chief Justice, J. F. Burkett; Associate Justices, John A. Shauk, William Z. Davis, W. B. Crew, J. L. Price, William T. Spear, Lawson E. Emerson—all Republicans.

STATE LEGISLATURE, 1903.

|                      | Senate, House, Joint Ballot. |    |    |
|----------------------|------------------------------|----|----|
| Republicans.....     | 21                           | 68 | 89 |
| Democrats.....       | 12                           | 42 | 54 |
| Republican majority. | 9                            | 26 | 35 |

OHIO—Continued.

VOTE OF THE STATE SINCE 1872

|                  | Dem.    | Rep.    | Gr.                            | Pro.    | Plu.            |
|------------------|---------|---------|--------------------------------|---------|-----------------|
| 1872. Pres.....  | 241,484 | 281,852 | ....                           | 2,100   | 40,368 R        |
| 1876. Pres.....  | 323,182 | 330,698 | ....                           | 1,636   | 7,216 R         |
| 1880. Pres.....  | 340,821 | 375,048 | 6,456                          | 2,616   | 34,227 R        |
| 1884. Pres.....  | 368,286 | 400,082 | 5,107                          | 11,269  | 31,802 R        |
| 1885. Gov.....   | 341,830 | 359,281 | 2,001                          | 28,081  | 17,451 R        |
|                  |         |         | Lab.                           |         |                 |
| 1887. Gov.....   | 333,205 | 356,534 | 24,711                         | 29,700  | 23,329 R        |
| 1888. Pres.....  | 396,455 | 416,054 | 3,496                          | 24,356  | 19,699 R        |
| 1889. Gov.....   | 379,223 | 368,551 | 1,048                          | 26,504  | 10,872 D        |
| 1890. Sec. of S. | 352,579 | 363,548 | 1,752                          | 23,837  | 10,970 R        |
|                  |         |         | Pop.                           |         |                 |
| 1891. Gov.....   | 365,228 | 386,739 | 23,472                         | 20,228  | 21,511 R        |
| 1892. Pres.....  | 404,115 | 405,187 | 14,850                         | 26,012  | 1,072 R         |
| 1893. Gov.....   | 352,347 | 433,342 | 15,563                         | 22,406  | 80,995 R        |
| 1894. Sec. of S. | 376,902 | 413,989 | 49,495                         | 23,237  | 137,087 R       |
| 1895. Gov.....   | 334,519 | 427,141 | 52,675                         | 21,264  | 92,622 R        |
|                  |         |         | N. D.                          |         |                 |
| 1896. Sec. of S. | 473,471 | 525,020 | ....                           | 5,469   | 51,649 R        |
| 1896. Pres.....  | 477,494 | 525,991 | 1,857                          | 5,068   | 48,497 R        |
| 1897. Gov.....   | 401,750 | 429,915 | 1,661                          | 7,558   | 28,165 R        |
| 1898. Sec. of S. | 347,074 | 408,213 | ....                           | 7,689   | 61,139 R        |
|                  |         |         | Dem. Rep. U. R. Ind. Pro. Plu. |         |                 |
| 1899. Gov.       | 368,176 | 417,199 | 7,799                          | 106,721 | 5,825 49,023 R  |
| 1900. Pres.      | 474,882 | 543,918 | 4,284                          | ....    | 10,303 69,036 R |
|                  |         |         | Soc.                           |         |                 |
| 1901. Gov.       | 368,525 | 436,092 | 2,778                          | 7,369   | 9,878 67,567 R  |
| 1902. S. of S.   | 345,706 | 436,171 | ....                           | 14,270  | 12,336 90,465 R |

OKLAHOMA.

| COUNTIES.<br>(26.) | DELEGATE TO CONGRESS,<br>1902. |                  |       |       |
|--------------------|--------------------------------|------------------|-------|-------|
|                    | W. M. Cross, Dem.              | B. McGuire, Rep. | Soc.  | Pro.  |
| Beaver.....        | 319                            | 426              | 20    | 5     |
| Blaine.....        | 1,132                          | 1,482            | 67    | 15    |
| Caddo.....         | 1,705                          | 2,015            | 38    | 19    |
| Canadian.....      | 1,603                          | 1,790            | 56    | 23    |
| Cleveland.....     | 1,660                          | 1,301            | 133   | 37    |
| Comanche.....      | 2,946                          | 2,434            | 38    | 17    |
| Custer.....        | 1,235                          | 1,295            | 28    | 16    |
| Day.....           | 603                            | 450              | 23    | 15    |
| Dewey.....         | 960                            | 1,051            | 76    | 18    |
| Garfield.....      | 1,901                          | 2,611            | 99    | 60    |
| Grant.....         | 1,536                          | 1,987            | 88    | 60    |
| Greer.....         | 2,848                          | 1,276            | 52    | 54    |
| Kay.....           | 2,206                          | 2,440            | 75    | 51    |
| Kingfisher.....    | 1,372                          | 2,128            | 124   | 35    |
| Kiowa.....         | 1,761                          | 1,387            | 40    | 10    |
| Lincoln.....       | 2,506                          | 2,566            | 43    | 38    |
| Logan.....         | 1,777                          | 2,978            | 90    | 33    |
| Noble.....         | 1,208                          | 1,211            | 31    | 22    |
| Oklahoma.....      | 3,091                          | 2,786            | 105   | 54    |
| Pawnee.....        | 1,156                          | 1,419            | 102   | 32    |
| Payne.....         | 1,888                          | 1,965            | 159   | 42    |
| Pottawatomie.....  | 3,171                          | 1,846            | 63    | 15    |
| Roger Mills.....   | 1,226                          | 638              | 36    | 24    |
| Washita.....       | 1,459                          | 982              | 30    | 31    |
| Woods.....         | 2,780                          | 3,444            | 308   | 270   |
| Woodward.....      | 1,360                          | 1,895            | 39    | 39    |
| Total.....         | 45,409                         | 45,803           | 1,963 | 1,035 |
| Plurality.....     | ....                           | 394              | ....  | ....  |
| Per cent.....      | 48.19                          | 48.61            | 2.09  | 1.11  |
| Whole vote.....    | 94,210                         |                  |       |       |

TERRITORIAL GOVERNMENT.

Governor, Thomas B. Ferguson; Secretary, William Grimes; Treasurer, Cassius Rambo; Auditor, L. W. Baxter.

JUDICIARY.

Supreme Court: Chief Justice, J. H. Burford; Associate Justices, C. E. Irwin, B. F. Burwell, B. T. Hainer, and F. E. Gillette; Clerk of the Court, B. F. Hegler—all Republicans but McAtee, who is a Gold Democrat.

TERRITORIAL LEGISLATURE, 1903.

|                      | Council, House, Joint Ballot. |    |    |
|----------------------|-------------------------------|----|----|
| Republicans.....     | 7                             | 12 | 19 |
| Democrats.....       | 6                             | 14 | 20 |
| Democratic majority. | ..                            | .. | 1  |

OREGON.

| COUNTIES.<br>(33.) | GOVERNOR,<br>1902.    |                   | PRESIDENT,<br>1900. |                   |                   |       | Debs,<br>Sec.<br>Dem. |
|--------------------|-----------------------|-------------------|---------------------|-------------------|-------------------|-------|-----------------------|
|                    | Cham-berlain,<br>Dem. | Fur-nish,<br>Rep. | Bryan,<br>Dem.      | Mc-Kinley<br>Rep. | Wool-ley,<br>Pro. |       |                       |
| Baker              | 2,171                 | 1,590             | 1,615               | 1,458             | 80                | 41    |                       |
| Benton             | 842                   | 890               | 764                 | 931               | 43                | 7     |                       |
| Clakamas           | 1,721                 | 2,113             | 1,641               | 2,234             | 118               | 132   |                       |
| Clatsop            | 997                   | 1,103             | 688                 | 1,329             | 38                | 66    |                       |
| Columbia           | 485                   | 803               | 403                 | 863               | 31                | 30    |                       |
| Coos               | 789                   | 1,066             | 888                 | 1,153             | 53                | 31    |                       |
| Crook              | 538                   | 590               | 381                 | 474               | 16                | 23    |                       |
| Curry              | 182                   | 312               | 152                 | 308               | 3                 | 2     |                       |
| Douglas            | 1,884                 | 1,993             | 1,620               | 1,910             | 75                | 51    |                       |
| Gilliam            | 396                   | 445               | 343                 | 419               | 22                | 4     |                       |
| Grant              | 815                   | 820               | 613                 | 911               | 15                | 23    |                       |
| Harney             | 424                   | 458               | 387                 | 372               | 2                 | 23    |                       |
| Jackson            | 1,625                 | 1,523             | 1,525               | 1,565             | 68                | 72    |                       |
| Josephine          | 769                   | 896               | 744                 | 919               | 45                | 35    |                       |
| Klamath            | 414                   | 501               | 324                 | 428               | 8                 | 3     |                       |
| Lake               | 328                   | 491               | 233                 | 456               | 1                 | 1     |                       |
| Lane               | 2,172                 | 2,432             | 2,037               | 2,521             | 133               | 44    |                       |
| Lincoln            | 300                   | 518               | 266                 | 472               | 8                 | 35    |                       |
| Linn               | 2,061                 | 1,766             | 1,997               | 1,927             | 228               | 92    |                       |
| Malheur            | 549                   | 513               | 486                 | 478               | 18                | 9     |                       |
| Marion             | 2,845                 | 2,523             | 2,318               | 3,112             | 187               | 89    |                       |
| Morrow             | 614                   | 559               | 358                 | 723               | 41                | 28    |                       |
| Multnomah          | 8,232                 | 7,481             | 4,426               | 9,948             | 455               | 347   |                       |
| Polk               | 1,121                 | 1,001             | 991                 | 1,163             | 102               | 18    |                       |
| Sherman            | 311                   | 527               | 385                 | 451               | 82                | 6     |                       |
| Tillamook          | 412                   | 609               | 313                 | 623               | 73                | 24    |                       |
| Umatilla           | 2,177                 | 1,911             | 1,628               | 1,975             | 130               | 43    |                       |
| Union              | 1,760                 | 1,060             | 1,646               | 1,512             | 57                | 66    |                       |
| Wallowa            | 823                   | 531               | 559                 | 651               | 21                | 7     |                       |
| Wasco              | 1,174                 | 1,404             | 1,038               | 1,576             | 85                | 35    |                       |
| Washington         | 1,848                 | 1,611             | 1,114               | 1,655             | 126               | 49    |                       |
| Wheeler            | 282                   | 437               | 243                 | 426               | 11                | 5     |                       |
| Yamhill            | 1,306                 | 1,404             | 1,235               | 1,586             | 166               | 36    |                       |
| Total              | 41,857                | 41,581            | 33,385              | 46,526            | 2,536             | 1,494 |                       |
| Plurality          | 276                   |                   |                     | 13,141            |                   |       |                       |
| Per cent           | 46.15                 | 45.84             | 39.55               | 55.25             | 3.05              | 1.08  |                       |
| Scattering         | 7,254                 |                   |                     | 269               |                   |       |                       |
| Whole vote         | 90,692                |                   |                     | 84,010            |                   |       |                       |

For Governor, 1902, Hunsacker, Pro., received 3,483 votes; Ryan, Sec., 3,771.

For President, 1900, Barker, M. R. Pop., had 203 votes.

The vote for Justice of Supreme Court in 1900 was: T. H. Greene, Jus., 33,383; C. F. Wolverton, Rep., 44,025; C. J. Bright, Pro., 4,537.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1902.

- I. J. K. Wetherford, Dem., 16,213; J. H. Tongue, Rep., 23,585; B. F. Kamp, Sec., 5,576; H. Gould, Pro., 2,185.
- II. W. K. Butcher, Dem., 15,593; J. W. Williamson, Rep., 23,987; D. T. Gerdes, Sec., 2,753; F. R. Spaulding, Pro., 1,957.

PRESENT STATE GOVERNMENT.

Governor, G. E. Chamberlain, Dem.; Secretary of State and Auditor, F. I. Dunbar, Rep.; State Treasurer, C. S. Moore, Rep.; Superintendent of Public Instruction, J. H. Ackerman, Rep.; Adjutant-General, C. U. Gantenbein, Rep.; Attorney-General, A. M. Crawford, Rep.

JUDICIARY.

Supreme Court, Chief Justice, Frank A. Moore; Justices, Charles F. Wolverton and Robert S. Bank; Clerk, J. J. Murphy—all Republicans.

STATE LEGISLATURE, 1903.

Senate. House. Joint Ballot.

|                     |    |    |    |
|---------------------|----|----|----|
| Republicans         | 21 | 48 | 69 |
| Democrats           | 3  | 11 | 14 |
| Citizens            | 3  | 1  | 4  |
| Union               | 1  | .. | 1  |
| Fusion              | 1  | .. | 1  |
| Dem-People          | 1  | .. | 1  |
| Republican majority | 12 | 36 | 48 |

VOTE OF THE STATE SINCE 1879.

|             | Dem.   | Rep.   | Lab.   | Pro.   | Plu.     |
|-------------|--------|--------|--------|--------|----------|
| 1872. Prs.  | 7,753  | 11,818 | ..     | ..     | 4,065 R  |
| 1876. Pres. | 41,158 | 15,208 | ..     | ..     | 1,050 R  |
| 1880. Pres. | 19,948 | 20,619 | 249    | ..     | 671 R    |
| 1884. Pres. | 24,604 | 26,860 | 726    | 492    | 2,256 R  |
| 1888. Pres. | 26,522 | 33,291 | 363    | 1,677  | 6,789 R  |
| 1892. Pres. | 14,243 | 35,092 | 26,965 | 2,281  | 35,813 F |
| 1896. Pres. | ..     | 48,779 | ..     | 46,869 | 2,117 R  |
| 1900. Pres. | ..     | 46,526 | ..     | 2,536  | 33,385 S |
| 1902. Gov.  | 41,857 | 41,581 | ..     | 3,483  | 3,771 S  |

PENNSYLVANIA.

| COUNTIES.<br>(67.) | GOVERNOR,<br>1902.  |                       | TREASURER,<br>1901. |                | PRESIDENT,<br>1900. |                   |
|--------------------|---------------------|-----------------------|---------------------|----------------|---------------------|-------------------|
|                    | Pattin-son,<br>Dem. | P'anny-acker,<br>Rep. | Coray,<br>Dem.      | Harris<br>Rep. | Bryan,<br>Dem.      | Mc-Kinley<br>Rep. |
| Adams              | 4,123               | 3,096                 | 2,574               | 2,231          | 3,967               | 3,718             |
| Allegheny          | 31,600              | 80,191                | 11,204              | 28,589         | 27,311              | 71,780            |
| Armstrong          | 3,263               | 4,508                 | 1,231               | 2,271          | 3,438               | 6,543             |
| Beaver             | 3,607               | 6,145                 | 2,033               | 3,545          | 4,076               | 6,769             |
| Bedford            | 3,661               | 4,021                 | 2,739               | 2,634          | 3,445               | 4,790             |
| Berks              | 16,646              | 9,657                 | 11,204              | 6,431          | 19,013              | 13,952            |
| Blair              | 5,063               | 6,624                 | 3,572               | 4,523          | 4,628               | 9,749             |
| Bradford           | 3,644               | 4,875                 | 1,959               | 2,901          | 4,211               | 8,625             |
| Bucks              | 8,378               | 7,468                 | 7,111               | 6,126          | 7,287               | 9,263             |
| Butler             | 5,068               | 6,645                 | 3,488               | 3,631          | 4,465               | 6,303             |
| Cambria            | 8,492               | 8,909                 | 8,790               | 8,775          | 7,168               | 10,476            |
| Cameron            | 718                 | 802                   | 466                 | 759            | 514                 | 971               |
| Carbon             | 3,406               | 2,741                 | 2,970               | 2,063          | 4,149               | 4,222             |
| Centre             | 4,574               | 4,181                 | 3,527               | 2,361          | 4,339               | 6,484             |
| Chester            | 7,205               | 8,691                 | 2,744               | 6,014          | 6,214               | 13,809            |
| Clarion            | 3,268               | 2,149                 | 3,963               | 3,026          | 3,472               | 3,002             |
| Clearfield         | 5,891               | 6,418                 | 4,789               | 4,679          | 6,066               | 7,955             |
| Cleburne           | 3,077               | 2,602                 | 1,679               | 1,614          | 2,879               | 3,157             |
| Columbia           | 4,858               | 2,133                 | 2,648               | 1,148          | 4,982               | 2,954             |
| Crawford           | 6,153               | 6,468                 | 3,057               | 6,319          | 7,000               | 7,706             |
| Cumberland         | 5,885               | 4,783                 | 4,615               | 3,874          | 5,428               | 5,873             |
| Dauphin            | 8,448               | 10,219                | 6,254               | 7,643          | 7,290               | 14,587            |
| Delaware           | 5,435               | 9,639                 | 2,713               | 6,118          | 4,249               | 13,794            |
| Elk                | 3,800               | 1,741                 | 3,785               | 2,211          | 3,105               | 3,254             |
| Erie               | 6,316               | 8,116                 | 3,340               | 5,295          | 7,281               | 11,816            |
| Fayette            | 8,296               | 8,758                 | 7,049               | 7,860          | 7,650               | 9,367             |
| Forest             | 807                 | 1,043                 | 565                 | 890            | 714                 | 1,309             |
| Franklin           | 5,441               | 5,757                 | 4,581               | 4,779          | 4,500               | 6,463             |
| Fulton             | 1,117               | 806                   | 803                 | 663            | 1,224               | 1,039             |
| Greene             | 3,562               | 1,859                 | 1,768               | 1,086          | 3,674               | 2,427             |
| Huntingdon         | 2,394               | 3,577                 | 2,158               | 2,716          | 1,989               | 4,645             |
| Indiana            | 2,582               | 4,244                 | 1,228               | 3,423          | 1,767               | 5,687             |
| Jefferson          | 3,413               | 3,981                 | 1,684               | 2,372          | 3,063               | 5,960             |
| Juniata            | 1,671               | 1,557                 | 1,514               | 1,355          | 1,621               | 1,805             |
| Lackawanna         | 7,576               | 10,670                | 12,973              | 8,848          | 14,728              | 16,763            |
| Lancaster          | 7,689               | 17,930                | 5,257               | 12,217         | 8,437               | 23,230            |
| Lawrence           | 2,153               | 4,026                 | 1,180               | 2,606          | 2,754               | 3,343             |
| Lebanon            | 2,736               | 4,623                 | 1,823               | 2,375          | 3,050               | 7,089             |
| Lehigh             | 10,364              | 8,381                 | 7,992               | 5,875          | 10,438              | 9,775             |
| Luzerne            | 16,816              | 13,178                | 24,289              | 19,675         | 16,470              | 21,793            |
| Lycoming           | 7,451               | 5,862                 | 7,543               | 6,284          | 7,427               | 7,750             |
| McKean             | 3,586               | 3,908                 | 2,402               | 3,045          | 3,427               | 6,319             |
| Mercer             | 4,926               | 5,374                 | 2,692               | 3,628          | 4,916               | 6,980             |
| Mifflin            | 1,991               | 1,943                 | 1,931               | 1,631          | 1,842               | 2,594             |
| Monroe             | 3,071               | 871                   | 1,395               | 390            | 3,054               | 1,261             |
| Montgomery         | 13,800              | 12,988                | 11,439              | 9,666          | 11,208              | 17,051            |
| Montour            | 2,078               | 943                   | 1,696               | 946            | 1,875               | 1,292             |
| Northampton        | 9,439               | 6,527                 | 7,390               | 4,687          | 11,412              | 9,849             |
| N'thumberland      | 7,385               | 6,043                 | 8,160               | 6,971          | 7,989               | 8,366             |
| Perry              | 2,461               | 12,757                | 2,360               | 2,710          | 2,440               | 3,400             |
| Philadelphia       | 70,636              | 170,886               | 15,236              | 124,776        | 58,173              | 173,657           |
| Pike               | 862                 | 389                   | 788                 | 929            | 1,236               | 694               |
| Potter             | 2,172               | 2,942                 | 1,123               | 2,342          | 2,147               | 3,224             |
| Schuylkill         | 15,107              | 10,769                | 10,847              | 9,950          | 14,496              | 15,837            |
| Snyder             | 1,345               | 1,709                 | 921                 | 1,699          | 1,319               | 2,517             |
| Somerset           | 3,095               | 7,031                 | 2,408               | 6,231          | 2,151               | 6,677             |
| Sullivan           | 1,350               | 1,098                 | 1,352               | 1,112          | 1,376               | 1,266             |
| Susquehanna        | 3,590               | 3,792                 | 2,123               | 3,033          | 3,527               | 5,019             |
| Tioga              | 2,835               | 4,724                 | 1,194               | 2,479          | 2,638               | 7,458             |
| Union              | 1,551               | 2,159                 | 1,309               | 1,967          | 1,359               | 2,810             |
| Venango            | 3,564               | 4,183                 | 2,000               | 2,959          | 4,014               | 5,951             |
| Warren             | 2,304               | 3,545                 | 1,394               | 2,673          | 2,500               | 5,609             |
| Washington         | 5,994               | 4,899                 | 3,752               | 6,276          | 6,280               | 10,408            |
| Wayne              | 2,978               | 2,360                 | 2,138               | 2,104          | 2,647               | 3,229             |
| Westmorel'd        | 10,040              | 11,057                | 9,576               | 11,129         | 11,010              | 16,114            |
| Wyoming            | 2,046               | 1,892                 | 1,686               | 1,079          | 1,875               | 2,247             |
| York               | 12,894              | 10,368                | 10,151              | 7,250          | 13,732              | 12,327            |
| Total              | 436457              | 592867                | 291955              | 423498         | 424232              | 712665            |
| Plurality          | ..                  | 156410                | ..                  | 131543         | ..                  | 288423            |
| Per cent           | 39.87               | 64.15                 | 34.41               | 49.91          | 36.15               | 60.74             |
| Scattering         | 65,389              | ..                    | 132,889             | ..             | 32,313              | ..                |
| Whole vote         | 1,094,713           | ..                    | ..                  | ..             | 1,173,210           | ..                |

For Governor, 1902, Swallow, Pro., received 25,327; Adams, Soc. L., 5,157; Slayton, Soc., 21,910; Ct., 450; Anti-Mch., 9,549; Bal.-Ref., 4,971; others, 26.

PENNSYLVANIA—Continued.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1902.

Districts.

- I. County of Philadelphia (part). H. H. Bingham, Rep., 32,068; H. H. Bingham, Union, 51.
- II. County of Philadelphia (part). Robert Adams, Jr., Rep., 35,231; Edward B. Cooper, Pro., 212; Robert Adams, Jr., Union, 43.
- III. County of Philadelphia (part). Henry Burk, Rep., 36,882; Edward M. Marsh, Pro., 402; Moses Stearn, Lib. Sun. L., 35; Henry Burk, Union, 29.
- IV. County of Philadelphia (part). Robert H. Foerderer, Rep., 21,056; T. F. Mutchler, Pro., 361; Robert H. Foerderer, Union, 38.
- V. County of Philadelphia (part). E. de V. Morrell, Rep., 25,325; R. A. Smith, Pro., 292; Edward de V. Morrell, Union, 38.
- VI. County of Philadelphia (part). George D. McCreary, Rep., 28,733, Lewis L. Evanson, Pro., 501; George D. McCreary, Ballot Reform, 1,546; Geo. D. McCreary, Union, 347.
- VII. Counties of Chester and Delaware. Frank B. Rhodes, Dem., 9,751; Thos. S. Butler, Rep., 20,062; Joseph H. Paschall, Pro., 666; Wm. H. Keenan, Soc., 213.
- VIII. Counties of Bucks and Montgomery. Chas. E. Ingersol, Dem., 20,080; Irving P. Wanger, 22,689; Oliver H. Holcomb, Pro., 392; Wm. Jaques, Soc., 440; Irving P. Wanger, Ballot Reform, 1.
- IX. County of Lancaster. James F. McCoy, Dem., 7,026; H. Burd Cassel, Rep., 18,267; D. S. Von Neida, Pro., 402; David Bixler, Soc., 503.
- X. County of Lackawanna. Wm. Connell, Rep., 13,055; Edwin S. Williams, Pro., 641; Chas. E. Lamb, Soc., 695; George Howell, Anti-Machine, 13,600; Wm. Connell, Ballot Reform, 84.
- XI. County of Luzerne. T. R. Martin, Dem., 14,041; Henry W. Palmer, Rep., 16,257; H. W. Palmer, Pro., 530; C. F. Quinn, Soc., 3,911; T. R. Martin, Workman's, 50.
- XII. County of Schuylkill. James W. Ryan, Dem., 12,402; George R. Patterson, Rep., 14,151; Wm. H. Zweizig, Pro., 284; T. J. Lannon, Soc., 1,928.
- XIII. Counties of Berks and Lehigh. Marcus C. L. Kline, Dem., 24,771; Wm. H. Sowden, Rep., 19,772; Alfred Brown, Soc., 1,233.
- XIV. Counties of Bradford, Susquehanna, Wayne, and Wyoming. James West, Dem., 10,727; Chas. F. Wright, Rep., 14,401; Francis H. Dickerson, Pro., 1,109.
- XV. Counties of Tioga, Potter, Lycoming, and Clinton. James Mansel, Dem., 13,693; Elias Deemer, Rep., 17,518; James Mansel, Pro., 1,267; James Mansel, Union, 32.
- XVI. Counties of Northumberland, Montour, Columbia, and Sullivan. Chas. H. Dickerman, Dem., 14,019; Fred. A. Godcharles, Rep., 13,171; Harry C. Harman, Pro., 705.
- XVII. Counties of Perry, Juniata, Mifflin, Huntingdon, Fulton, Franklin, Snyder, and Union. Harry I. Huber, Dem., 16,740; Thaddeus M. Mahon, Rep., 21,197; scattering vote, Ed. M. Hummel, 1.
- \* XVII. Counties of Northumberland, Montour, Columbia, and Sullivan. Alex. Billmeyer, Dem., 14,658; Wm. K. Lord, Rep., 12,143.
- XVIII. Counties of Dauphin, Cumberland, and Lebanon. Benj. L. Foster, Dem., 13,715; Marlin E. Olmsted, Rep., 22,193; John M. Eilenberger, Pro., 1,953.
- XIX. Counties of Blair, Cambria, and Bedford. Robt. E. Creswell, Dem., 15,690; Alvin Evans, Rep., 20,814; Joseph E. York, Union, 128.
- XX. Counties of Adams and York. Wm. McClean, Dem., 14,962; Daniel F. Lefean, Rep., 15,553; John Tome, Soc., 311.
- XXI. Counties of Cameron, Centre, Clearfield, and McKean. Delos Eugene Hibner, Dem., 13,243; Solomon R. Dresser, Rep., 16,722; Benj. N. McCoy, Pro., 1,295.
- XXII. Counties of Westmoreland and Butler. Chas. M. Heineman, Dem., 13,014; George F. Huff, Rep., 18,827; Jas. S. Woodburn, Pro., 778.

\* To supply vacancy under old apportionment.

PENNSYLVANIA—Continued.

- XXIII. Counties of Fayette, Greene, and Somerset. Orram W. Kennedy, Dem., 13,791; Allen F. Cooper, Rep., 15,546; Harold L. Robinson, Pro., 1,096.
- XXIV. Counties of Beaver, Lawrence, and Washington. Chas. R. Eckert, Dem., 9,974; Ernest F. Acheson, Rep., 15,147; John A. Bailey, Pro., 1,325; Geo. Freiheit, Soc., 898; Jas. H. Cunningham, Citizens, 142; scattering vote: Akillson, 1; John McCoy, 1.
- XXV. Counties of Erie and Crawford. Albert B. Osborne, Dem., 11,311; Arthur L. Bates, Rep., 15,538; Edwin T. Mason, Pro., 985; L. M. Cunningham, Soc. L., 200; F. B. Ocanib, Soc., 1,629.
- XXVI. Counties of Carbon, Monroe, Pike, and Northampton. Joseph H. Shull, Dem., 15,765; Fred. Nesbit, Rep., 11,599; A. E. Dreibelbites, Pro., 565; James Hughes, Soc., 1,671.
- XXVII. Counties of Armstrong, Indiana, Clarion, and Jefferson. Alfred W. Smiley, Dem., 10,618; Wm. O. Smith, Rep., 16,018; Wm. Haupt, Pro., 1,007.
- XXVIII. Counties of Mercer, Warren, Forest, Venango, and Elk. Jas. B. Watson, Dem., 12,889; Joseph C. Sibley, Rep., 17,616; Richard A. Buzza, Soc., 3,042; Henry Roth, Soc., 1.
- XXIX. County of Allegheny (part). Geo. Shiras, III., Dem. and Cits., 14,533; Wm. H. Graham, Rep., 14,535; Ephriam L. Eaton, Pro., 237; Wm. E. Hunt, Soc. L., 121.
- XXX. County of Allegheny (part). John Dalzell, Rep., 19,055; George B. Garber, Pro., 518; Hamlet Jackson, Soc. L., 460.
- XXXI. County of Allegheny (part). H. Kirke Porter, Dem. and Cits., 16,241; Jas. P. Burke, Rep., 14,532; John F. Conley, Soc. L., 96.
- XXXII. County of Allegheny (part). Jas. W. Brown, Dem. and Cits., 14,517; A. J. Barchfeld, Rep., 13,471; Robt. H. Hood, Pro., 283; D. E. Gilchrist, Soc. L., 329.

PRESENT STATE GOVERNMENT.

Governor, Samuel W. Pennypacker; Lieutenant-Governor, Wm. M. Brown; Secretary of the Commonwealth, Wm. V. Grist; Treasurer, Frank G. Harris; Auditor-General, E. B. Hardenbergh; Adjutant-General, Thos. J. Stewart; Attorney-General, John P. Elkin; Superintendent of Public Instruction, N. C. Schaeffer; Insurance Commissioner, Israel W. Durham; Secretary of Agriculture, John Hamilton; Secretary of Internal Affairs, I. B. Brown—all Republicans, except Schaeffer, Dem.

JUDICIARY.

Supreme Court: Chief Justice, J. B. McCollum; Associate Justices, J. Hay Brown, James T. Mitchell, Wm. P. Potter, John Dean, D. Newlin Fell, and S. L. Mestrezat; Prothonotaries, Eastern District, Charles S. Green; Middle District, William Pearson; Western District, Geo. Pearson—all Republicans, except Justices McCollum and Mestrezat, who are Democrats.

STATE LEGISLATURE, 1903.

|                      | Senate. | House | Joint Ballot. |
|----------------------|---------|-------|---------------|
| Republicans.....     | 40      | 159   | 199           |
| Democrats.....       | 10      | 45    | 55            |
| Republican majority. | 30      | 114   | 144           |

VOTE OF THE STATE SINCE 1872.

|                  | Dem.    | Rep.    | Gr.    | Pro.    | Plu.      |
|------------------|---------|---------|--------|---------|-----------|
| 1872. Pres.....  | 212,041 | 349,589 | .....  | 1,630   | 137,548 R |
| 1876. Pres.....  | 366,204 | 384,148 | 7,204  | 1,318   | 17,844 R  |
| 1880. Pres.....  | 407,423 | 444,704 | 20,668 | 1,939   | 37,276 R  |
| 1884. Pres.....  | 392,785 | 473,804 | 16,992 | 15,293  | 81,019 R  |
| 1888. Pres.....  | 446,633 | 526,091 | 3,873  | 20,947  | 79,452 R  |
| 1892. Pres.....  | 452,264 | 516,011 | 8,714  | 25,123  | 63,747 R  |
| 1896. Pres.....  | 432,228 | 728,300 | 11,000 | 19,274  | 295,073 R |
| 1897. Au.-G..... | 268,341 | 412,652 | .....  | 58,876  | 144,311 R |
| 1898. Gov.....   | 358,300 | 476,306 | .....  | 125,746 | 118,006 R |
| 1899. Treas..... | 327,512 | 438,000 | .....  | 18,072  | 110,488 R |
| 1900. Pres.....  | 424,232 | 712,665 | 4,821  | 27,908  | 288,433 R |
| 1901. Treas..... | 291,965 | 423,498 | 93,213 | 18,044  | 131,543 R |
| 1902. Gov.....   | 436,447 | 592,867 | 21,910 | 23,327  | 156,410 R |

RHODE ISLAND.

| COUNTIES.<br>(5.) | GOVERNOR,<br>1902.   |                       | PRESIDENT,<br>1900. |                        |                       |                           |
|-------------------|----------------------|-----------------------|---------------------|------------------------|-----------------------|---------------------------|
|                   | Gar-<br>win,<br>D-m. | Kim-<br>ball,<br>Rep. | Bryan,<br>Dem.      | Mc-<br>Kinley,<br>Rep. | Wool-<br>ley,<br>Pro. | Mal-<br>loney,<br>Soc. L. |
| Bristol .....     | 865                  | 997                   | 727                 | 1,273                  | 60                    | 20                        |
| Kent .....        | 1,675                | 2,273                 | 1,126               | 2,613                  | 142                   | 67                        |
| Newport .....     | 2,157                | 2,613                 | 1,776               | 3,283                  | 101                   | 20                        |
| Providence .....  | 26,391               | 16,532                | 15,223              | 24,194                 | 988                   | 1,286                     |
| Washington .....  | 1,191                | 2,126                 | 960                 | 2,421                  | 238                   | 30                        |
| Total .....       | 32,297               | 24,541                | 19,812              | 33,784                 | 1,529                 | 1,423                     |
| Plurality .....   | 7,738                |                       | 13,972              |                        |                       |                           |
| Per cent. ....    | 53.98                | 41.04                 | 25.02               | 59.72                  | 0.27                  | 2.55                      |
| Scattering .....  | 2,972                |                       |                     |                        |                       |                           |
| Whole vote .....  | 59,792               |                       |                     | 56,568                 |                       |                           |

For Governor, 1902, Brightman, Pro., received 1,689 votes; McDermott, Soc., 1,283.

The vote for Governor in 1901 was: Garvin, Dem., 19,038; Gregory, Rep., 25,575; Brightman, Pro., 1,945; Reed, Soc. L., 1,120

VOTE FOR REPRESENTATIVES IN CONGRESS, 1902.

Districts.  
I. D. L. D. Granger, Dem., 15,198; Melville Bull, Rep., 14,535; E. G. W. Wesley, Pro., 388; J. V. Reid, Soc., 894.

II. Franklin P. Owen, Dem., 12,657; Adin P. Capron, Rep., 13,680; scattering, 903.

PRESENT STATE GOVERNMENT.

Governor, Lucius F. C. Garvin, Dem.; Secretary of State, Charles P. Bennett; Attorney-General, Chas. F. Stearns; Treasurer, Walter A. Read; Adjutant-General, Frederick M. Sackett; Auditor, C. Gray; Commissioner of Public Schools, Thomas B. Stockwell; Commissioner of Insurance, Charles C. Gray—all others Republicans.

JUDICIARY.

Supreme Court: Chief Justice, John H. Stiness; Associate Justices, John T. Blodgett, Pardon E. Tillinghast, George A. Wilbur, Horatio Rogers, W. W. Douglas, and Edward C. Dubois; Clerk of the Court, B. S. Blaisdell—all Republicans.

STATE LEGISLATURE, 1903.

|                     | Senate. | House. | Joint Ballot. |
|---------------------|---------|--------|---------------|
| Republicans .....   | 27      | 37     | 64            |
| Democrats .....     | 11      | 35     | 46            |
| Republican majority | 16      | 2      | 18            |

VOTE OF THE STATE SINCE 1872.

|                       | Dem.    | Rep.   | Gr.   | Pro.  | Plu    |   |
|-----------------------|---------|--------|-------|-------|--------|---|
| 1872. President ..... | 5,329   | 13,665 | ....  | ....  | *8,336 | R |
| 1876. President ..... | 10,712  | 15,787 | ....  | ....  | *5,075 | R |
| 1880. President ..... | 10,779  | 18,195 | 236   | ....  | 7,416  | R |
| 1884. President ..... | 12,891  | 19,030 | 422   | 928   | 6,639  | R |
| 1888. President ..... | 17,630  | 21,968 | ....  | 1,250 | 4,438  | R |
|                       | Pop.    |        |       |       |        |   |
| 1892. President ..... | 24,335  | 26,972 | 227   | 1,654 | 2,637  | R |
| 1893. Governor .....  | 22,015  | 21,830 | ....  | 3,265 | 185    | D |
| 1894. Governor .....  | 22,650  | 28,957 | 223   | 2,241 | 6,307  | R |
| 1895. Governor .....  | 14,289  | 25,098 | 389   | 2,624 | 10,809 | R |
|                       | N. D.   |        |       |       |        |   |
| 1896. Governor .....  | 17,061  | 28,472 | ....  | 2,950 | 11,411 | R |
| 1896. President ..... | 14,459  | 37,437 | 1,166 | 1,160 | 22,978 | R |
| 1897. Governor .....  | 13,675  | 24,309 | ....  | 2,096 | 10,634 | R |
| 1898. Governor .....  | 13,224  | 24,743 | ....  | 2,012 | 11,519 | R |
|                       | Soc. L. |        |       |       |        |   |
| 1899. Governor .....  | 14,602  | 24,308 | 2,941 | 1,279 | 9,706  | R |
| 1900. Governor .....  | 17,184  | 26,043 | 2,858 | 1,848 | 8,859  | R |
| 1900. President ..... | 19,812  | 33,784 | 1,423 | 1,529 | 13,972 | R |
| 1901. Governor .....  | 19,038  | 25,575 | 1,120 | 1,945 | 6,537  | R |
| 1902. Governor .....  | 32,279  | 24,541 | 1,283 | 1,689 | 7,738  | D |

SOUTH CAROLINA.

| COUNTIES.<br>(41.) | Gov.,<br>1902.        | PRESIDENT,<br>1900. |                        | PRESIDENT,<br>1896. |                        |
|--------------------|-----------------------|---------------------|------------------------|---------------------|------------------------|
|                    | Hay-<br>ward,<br>D-m. | Bryan,<br>Dem.      | Mc-<br>Kinley,<br>Rep. | Bryan,<br>Dem.      | Mc-<br>Kinley,<br>Rep. |
| Abbeville .....    | 838                   | 1,366               | 8                      | 2,473               | 337                    |
| Aiken .....        | 1,041                 | 1,470               | 53                     | 1,819               | 137                    |
| Anderson .....     | 1,134                 | 1,858               | 68                     | 3,109               | 368                    |
| Bamberg .....      | 533                   | 793                 | 36                     | ..                  | ..                     |
| Barnwell .....     | 893                   | 1,356               | 57                     | 2,385               | 239                    |
| Beaufort .....     | 546                   | 378                 | 385                    | 289                 | 444                    |
| Berkeley .....     | 401                   | 472                 | 112                    | 513                 | 143                    |
| Charleston .....   | 1,195                 | 1,729               | 272                    | 1,659               | 1,262                  |
| Chester .....      | 525                   | 1,084               | 59                     | 1,254               | 76                     |
| Chesterfield ..... | 905                   | 836                 | 20                     | 1,465               | 220                    |
| Clarendon .....    | 649                   | 1,314               | 56                     | 1,450               | 207                    |
| Colleton .....     | 808                   | 1,130               | 83                     | 1,646               | 343                    |
| Cherokee .....     | 682                   | 889                 | 120                    | ..                  | ..                     |
| Darlington .....   | 436                   | 1,230               | 83                     | 1,625               | 201                    |
| Dorchester .....   | 455                   | 770                 | 43                     | ..                  | ..                     |
| Edgefield .....    | 782                   | 919                 | 17                     | 1,532               | 216                    |
| Fairfield .....    | 415                   | 670                 | 17                     | 1,075               | 54                     |
| Florence .....     | 620                   | 1,290               | 74                     | 1,530               | 135                    |
| Georgetown .....   | 1,086                 | 446                 | 451                    | 459                 | 734                    |
| Greenville .....   | 1,081                 | 1,777               | 47                     | 2,718               | 288                    |
| Greenwood .....    | 999                   | 1,484               | 4                      | ..                  | ..                     |
| Hampton .....      | 537                   | 936                 | 1                      | 1,072               | 25                     |
| Horry .....        | 555                   | 1,330               | 79                     | 1,372               | 196                    |
| Kershaw .....      | 472                   | 910                 | 43                     | 1,191               | 139                    |
| Lancaster .....    | 990                   | 1,300               | 70                     | 1,557               | 177                    |
| Laurens .....      | 1,070                 | 1,540               | 30                     | 1,943               | 111                    |
| Lee .....          | 532                   | ..                  | ..                     | ..                  | ..                     |
| Lexington .....    | 1,187                 | 1,302               | 30                     | 1,672               | 197                    |
| Marion .....       | 608                   | 1,296               | 119                    | 1,926               | 313                    |
| Marlborough .....  | 384                   | 714                 | 35                     | 1,252               | 237                    |
| Newberry .....     | 945                   | 1,368               | 40                     | 1,528               | 64                     |
| Oconee .....       | 571                   | 873                 | 69                     | 1,392               | 199                    |
| Orangeburg .....   | 1,657                 | 2,457               | 167                    | 2,729               | 282                    |
| Pickens .....      | 633                   | 933                 | 60                     | 1,261               | 170                    |
| Richland .....     | 346                   | 445                 | 62                     | 925                 | 468                    |
| Spartanburg .....  | 1,751                 | 1,269               | 7                      | 4,234               | 247                    |
| Sumter .....       | 469                   | 2,467               | 101                    | 1,550               | 326                    |
| Saluda .....       | 913                   | 1,199               | 150                    | 1,241               | 60                     |
| Union .....        | 861                   | 1,182               | 91                     | 1,379               | 158                    |
| Williamsburg ..... | 705                   | 1,256               | 323                    | 1,570               | 355                    |
| York .....         | 707                   | 1,198               | 37                     | 2,010               | 152                    |
| Total .....        | 31,817                | 47,236              | 3,579                  | 58,798              | 9,281                  |
| Plurality .....    | ..                    | 43,657              | ..                     | 49,517              | ..                     |
| Per cent. ....     | ..                    | 92.96               | 7.04                   | 85.33               | 13.47                  |
| Whole vote .....   | ..                    | 50,815              | ..                     | 68,907              | ..                     |

Vote for State officers, 1900: For Governor, M. B. McSweeney, Dem., 46,437; Secretary of State, M. R. Cooper, Dem., 46,500; Treasurer, R. H. Jennings, Dem., 46,424. All other candidates received about same vote. There were no opposition candidates. There was no opposition in 1902.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1902.

Districts.  
I. Counties of Berkeley (part), Charleston, Colleton (part), Beaufort, Georgetown, and Williamsburg (part). Geo. S. Legare, Dem., 3,749; A. P. Preleone, Rep., 175.  
II. Counties of Aiken, Barnwell, Saluda, Edgefield, and Hampton. George Croft, Dem., 5,134; W. S. Dixon, Rep., 247.  
III. Counties of Abbeville, Anderson, Newberry, Oconee, and Pickens. Wyatt Aiken, Dem., 5,082; J. W. Scott, Rep., 58.  
IV. Counties of Fairfield, Greenville, Laurens, Richland, Spartanburg (part), and Union. J. T. Johnson, Dem., 4,542; L. W. C. Blalock, Rep., 61.  
V. Counties of Chester, Chesterfield, Kershaw, Lancaster, Spartanburg (part), Union (part), and York. D. E. Finley, 4,536; C. P. T. White, Rep., 34.  
VI. Counties of Clarendon, Darlington, Florence, Horry, Marion, Marlborough, and Williamsburg (part). R. B. Scarborough, Dem., 3,981. No opposition.  
VII. Counties of Berkeley (part), Colleton (part), Lexington, Orangeburg, Richland, and Sumter. A. L. Lever, Dem., 4,220; A. D. Dantzier, Rep., 167.

SOUTH CAROLINA—Continued.

PRESENT STATE GOVERNMENT.

Governor, D. C. Heyward; Lieutenant-Governor, John T. Sloan; Secretary of State, V. T. Gantt; Attorney-General, U. X. Gunter, Jr.; Treasurer, R. H. Jennings; Comptroller-General, A. W. Jones; Superintendent of Education, O. B. Martin; Adjutant-General, J. D. Frost—all Democrats.

JUDICIARY.

Supreme Court: Chief Justice, Henry McIVER; Justices, Y. J. Pope, Eugene B. Gary, Ira B. Jones; Clerk, U. R. Brooks—all Democrats.

STATE LEGISLATURE, 1902.

Senate, House, Joint Ballot.  
Democrats ..... 41 123 164

VOTE OF THE STATE SINCE 1872.

|                      | Dem.    | Rep.   | Maj.           |
|----------------------|---------|--------|----------------|
| 1872. President..... | 22,683  | 72,290 | 49,607 R       |
| 1875. President..... | 91,540  | 92,081 | 641 R          |
| 1880. President..... | 112,312 | 59,071 | 54,241 D       |
| 1884. President..... | 69,845  | 21,733 | 48,112 D       |
| 1886. Governor.....  | 33,111  | .....  | 33,111 D       |
| 1888. President..... | 65,825  | 13,736 | 52,089 D       |
| 1892. President..... | 54,692  | 13,345 | 41,347 D       |
| 1894. Governor.....  | 39,507  | 17,278 | 22,229 D       |
| 1896. Governor.....  | 59,424  | 4,432  | 2,780 54,999 D |
| 1896. President..... | 58,798  | 4,223  | 5,058 49,517 D |
| 1898. Governor.....  | 28,159  | .....  | No opposition. |
| 1900. Governor.....  | 46,457  | .....  | No opposition. |
| 1900. President..... | 47,236  | 3,579  | 43,657 D       |
| 1902. Governor.....  | 31,817  | .....  | .....          |

SOUTH DAKOTA.

| COUNTIES.<br>(53.) | GOVERNOR,<br>1902.   |                       | PRESIDENT,<br>1900. |                        |                       |                        |
|--------------------|----------------------|-----------------------|---------------------|------------------------|-----------------------|------------------------|
|                    | Mar-<br>tin,<br>Dem. | Her-<br>ried,<br>Rep. | Bryan,<br>Dem.      | Mc-<br>Kinley,<br>Rep. | Wool-<br>ley,<br>Pro. | Bar-<br>ker,<br>M.R.P. |
| Aurora.....        | 462                  | 516                   | 488                 | 503                    | 22                    | 5                      |
| Beadle.....        | 626                  | 1,274                 | 915                 | 1,220                  | 55                    | 6                      |
| Bon Homme.....     | 964                  | 1,242                 | 1,028               | 1,271                  | 9                     | 4                      |
| Brookings.....     | 322                  | 1,539                 | 1,084               | 1,707                  | 172                   | 7                      |
| Brown.....         | 493                  | 1,698                 | 1,722               | 2,197                  | 64                    | 25                     |
| Brule.....         | 658                  | 665                   | 716                 | 644                    | 5                     | 1                      |
| Buffalo.....       | 86                   | 122                   | 10                  | 87                     | 1                     | 1                      |
| Butte.....         | 355                  | 407                   | 420                 | 492                    | 1                     | 10                     |
| Campbell.....      | 128                  | 555                   | 250                 | 626                    | 6                     | 5                      |
| Charles Mix.....   | 991                  | 1,250                 | 1,058               | 1,108                  | 17                    | 5                      |
| Clark.....         | 274                  | 946                   | 752                 | 996                    | 86                    | 5                      |
| Clay.....          | 218                  | 1,263                 | 1,037               | 1,387                  | 30                    | 3                      |
| Coddington.....    | 798                  | 941                   | 805                 | 1,225                  | 69                    | 2                      |
| Custer.....        | 328                  | 407                   | 415                 | 438                    | 3                     | 3                      |
| Davidson.....      | 522                  | 915                   | 728                 | 853                    | 47                    | 12                     |
| Day.....           | 866                  | 1,392                 | 1,092               | 1,558                  | 105                   | 5                      |
| Deuel.....         | 329                  | 883                   | 604                 | 1,062                  | 9                     | 9                      |
| Douglas.....       | 593                  | 629                   | 567                 | 649                    | 10                    | 1                      |
| Edmunds.....       | 447                  | 542                   | 553                 | 621                    | 16                    | 4                      |
| Fall River.....    | 330                  | 463                   | 421                 | 521                    | 3                     | 3                      |
| Faulk.....         | 117                  | 519                   | 301                 | 618                    | 22                    | 7                      |
| Grant.....         | 306                  | 841                   | 716                 | 1,306                  | 47                    | 6                      |
| Gregory.....       | 292                  | 471                   | 259                 | 323                    | 4                     | 4                      |
| Hamlin.....        | 250                  | 751                   | 509                 | 928                    | 35                    | 6                      |
| Hand.....          | 394                  | 657                   | 594                 | 592                    | 18                    | 1                      |
| Hanson.....        | 592                  | 540                   | 607                 | 607                    | 21                    | 2                      |
| Hughes.....        | 105                  | 468                   | 272                 | 537                    | 4                     | 3                      |
| Hutchinson.....    | 171                  | 1,095                 | 534                 | 528                    | 15                    | 3                      |
| Hyde.....          | 89                   | 354                   | 115                 | 286                    | 7                     | 2                      |
| Jerauld.....       | 185                  | 426                   | 357                 | 374                    | 37                    | 2                      |
| Kingsbury.....     | 230                  | 1,185                 | 868                 | 1,330                  | 75                    | 5                      |
| Lake.....          | 290                  | 1,039                 | 901                 | 1,172                  | 32                    | 2                      |
| Lawrence.....      | 1,210                | 2,994                 | 2,619               | 3,435                  | 24                    | 41                     |
| Lincoln.....       | 250                  | 1,770                 | 1,226               | 1,908                  | 27                    | 18                     |
| Lyman.....         | 172                  | 448                   | 210                 | 429                    | 3                     | 2                      |
| Marshall.....      | 168                  | 748                   | 728                 | 829                    | 30                    | 8                      |
| McCook.....        | 747                  | 926                   | 989                 | 978                    | 19                    | 4                      |
| McPherson.....     | 106                  | 609                   | 297                 | 898                    | 5                     | 11                     |
| Meade.....         | 370                  | 495                   | 567                 | 550                    | 2                     | 5                      |

SOUTH DAKOTA—Continued.

| COUNTIES.       | GOVERNOR,<br>1902.   |                       | PRESIDENT,<br>1900. |                        |                       |                        |
|-----------------|----------------------|-----------------------|---------------------|------------------------|-----------------------|------------------------|
|                 | Mar-<br>tin,<br>Dem. | Her-<br>ried,<br>Rep. | Bryan,<br>Dem.      | Mc-<br>Kinley,<br>Rep. | Wool-<br>ley,<br>Pro. | Bar-<br>ker,<br>M.R.P. |
| Miner.....      | 577                  | 606                   | 697                 | 622                    | 15                    | 2                      |
| Minnehaha.....  | 747                  | 2,802                 | 2,440               | 3,410                  | 109                   | 7                      |
| Moody.....      | 302                  | 1,170                 | 875                 | 1,190                  | 15                    | 8                      |
| Pennington..... | 532                  | 861                   | 784                 | 899                    | 5                     | 4                      |
| Potter.....     | 295                  | 273                   | 381                 | 375                    | 23                    | 2                      |
| Roberts.....    | 416                  | 1,339                 | 1,067               | 1,875                  | 43                    | 30                     |
| Sanborn.....    | 230                  | 710                   | 549                 | 628                    | 39                    | 1                      |
| Spink.....      | 438                  | 1,257                 | 1,087               | 1,496                  | 40                    | 15                     |
| Stanley.....    | 205                  | 215                   | 252                 | 254                    | 7                     | ..                     |
| Sully.....      | 31                   | 264                   | 152                 | 294                    | 4                     | 2                      |
| Turner.....     | 313                  | 1,550                 | 877                 | 1,977                  | 31                    | 13                     |
| Union.....      | 825                  | 1,365                 | 1,358               | 1,571                  | 23                    | 9                      |
| Walworth.....   | 101                  | 428                   | 282                 | 478                    | 7                     | 4                      |
| Yankton.....    | 923                  | 1,470                 | 1,268               | 1,639                  | 24                    | 6                      |
| Unorg'ized Co   | ...                  | ...                   | ...                 | ...                    | ...                   | ...                    |
| Total.....      | 21,396               | 48,196                | 39,544              | 54,530                 | 1,542                 | 339                    |
| Plurality.....  | ...                  | 26,800                | ...                 | 14,986                 | ...                   | ...                    |
| Per cent.....   | 28.73                | 64.72                 | 41.14               | 56.72                  | 1.60                  | 0.04                   |
| Whole vote.     | 74,457               | ...                   | ...                 | 96,131                 | ...                   | ...                    |

For Governor in 1902, Curtis, Pro., received 2 245 votes; Crawford, Soc., 2,620.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1902.  
At Large—John R. Wilson, Dem., 21,113; Chas. H. Burke, Rep., 48,310; J. W. Kelly, Pro., 2,317; F. Kowlen, Soc., 2,738.

At Large—T. C. Robinson, Dem., 20,814; Eben W. Martin, Rep., 4,854; W. W. Smith, Pro., 2,201; W. Price, Soc., 2,578.

PRESENT STATE GOVERNMENT.

Governor, Charles N. Herrell; Lieutenant-Governor, George W. Snow; Secretary of State, O. C. Berg; Treasurer, C. B. Collins; Auditor, J. F. Holliday; Attorney-General, Philo Hall; Superintendent Public Instruction, Geo. W. Nash; Commissioner School and Public Lands, C. J. Bach.

JUDICIARY.

Supreme Court: Chief Justice, Dick HANEY; Justices, Dighton Corson and H. G. Fuller; Clerk, Miss Jessie Fuller—all Republicans.

STATE LEGISLATURE, 1902.

Senate, House, Joint Ballot.  
Republicans..... 42 75 117  
Democrats..... 4 10 14

Republican majority. 38 68 103

VOTE OF THE STATE SINCE 1886.

|                      | Dem.   | Rep.   | F. A.  | Maj.     |
|----------------------|--------|--------|--------|----------|
| 1886. Congress*..... | 22,339 | 43,365 | .....  | 21,026 R |
| 1889. Governor.....  | 23,840 | 53,964 | .....  | 30,124 R |
| 1891. Congress.....  | 7,199  | 17,614 | 14,587 | †3,027 R |
| 1892. President..... | 9,081  | 34,888 | 26,544 | †8,344 R |
| 1896. President..... | 41,225 | 41,042 | 683    | 183 F    |
| 1898. Governor.....  | 37,319 | 36,949 | .....  | 370 F    |
| 1900. Governor.....  | 40,091 | 53,803 | .....  | 13,712 R |
| 1900. President..... | 39,544 | 54,530 | 1,542  | 14,986 R |
| 1902. Governor.....  | 21,396 | 48,196 | 2,245  | 26,800 B |

\*The vote of 1886 was that of the counties of Dakota Territory which now compose the State of South Dakota. † Plurality.

TENNESSEE.

| COUNTIES.<br>(96.) | GOVERNOR,<br>1902.    |                        | PRESIDENT,<br>1900. |                        |                       |                        |
|--------------------|-----------------------|------------------------|---------------------|------------------------|-----------------------|------------------------|
|                    | Fra-<br>zier,<br>Dem. | Camp-<br>bell,<br>Rep. | Bryan,<br>Dem.      | Mc-<br>Kinley,<br>Rep. | Wool-<br>ley,<br>Pro. | Bar-<br>ker,<br>M.R.P. |
| Anderson.....      | 445                   | 914                    | 732                 | 1,997                  | 10                    | ..                     |
| Bedford.....       | 1,773                 | 808                    | 2,172               | 1,359                  | 44                    | 10                     |
| Benton.....        | 892                   | 512                    | 1,385               | 720                    | 25                    | 42                     |
| Bledsoe.....       | 373                   | 348                    | 498                 | 734                    | 3                     | ..                     |
| Blount.....        | 610                   | 1,361                  | 825                 | 2,201                  | 59                    | ..                     |
| Bradley.....       | 453                   | 448                    | 909                 | 1,579                  | 72                    | ..                     |
| Campbell.....      | 369                   | 1,424                  | 479                 | 2,189                  | 42                    | ..                     |
| Cannon.....        | 863                   | 293                    | 1,213               | 775                    | 2                     | ..                     |

TENNESSEE—Continued.

TENNESSEE—Continued.

| COUNTIES.  | GOVERNOR, 1902. |                 | PRESIDENT, 1900. |                 |                |                 |  |
|------------|-----------------|-----------------|------------------|-----------------|----------------|-----------------|--|
|            | Fra-zer, Dem.   | Camp-bell, Rep. | Bryan, Dem.      | Mc-Kinley, Rep. | Wool-ley, Pro. | Bar-ker, M.R.P. |  |
| Carroll    | 1,211           | 1,654           | 1,921            | 2,516           | 55             | 135             |  |
| Carter     | 459             | 1,535           | 408              | 2,763           | 37             |                 |  |
| Cheatham   | 790             | 477             | 1,190            | 440             | 24             | 3               |  |
| Chester    | 648             | 477             | 894              | 702             | 8              | 76              |  |
| Claiborne  | 729             | 953             | 770              | 987             | 6              |                 |  |
| Cocke      | 522             | 293             | 830              | 498             | 15             | 11              |  |
| Clay       | 808             | 1,559           | 1,001            | 2,360           | 10             |                 |  |
| Coffee     | 1,265           | 2,066           | 1,660            | 624             | 45             | 2               |  |
| Crockett   | 583             | 510             | 1,428            | 1,050           | 41             |                 |  |
| Cumberland | 241             | 298             | 405              | 750             | 13             |                 |  |
| Davidson   | 4,535           | 671             | 6,888            | 2,512           | 250            | 37              |  |
| Decatur    | 615             | 664             | 909              | 890             |                |                 |  |
| De Kalb    | 950             | 678             | 1,528            | 1,443           | 102            |                 |  |
| Dickson    | 1,127           | 304             | 1,691            | 964             | 39             | 10              |  |
| Dyer       | 819             | 113             | 1,980            | 730             | 45             |                 |  |
| Fayette    | 1,062           | 205             | 2,282            | 885             | 20             | 12              |  |
| Fentress   | 216             | 448             | 320              | 782             | 1              |                 |  |
| Franklin   | 1,800           | 211             | 2,228            | 647             | 64             |                 |  |
| Gibson     | 1,322           | 273             | 3,276            | 1,509           | 257            | 54              |  |
| Giles      | 2,015           | 590             | 2,790            | 1,793           | 26             | 24              |  |
| Grainger   | 599             | 1,142           | 960              | 1,802           | 6              |                 |  |
| Greene     | 2,631           | 1,994           | 2,868            | 3,091           | 30             |                 |  |
| Grundy     | 447             | 108             | 852              | 357             | 13             |                 |  |
| Hamblen    | 828             | 881             | 959              | 1,322           | 29             |                 |  |
| Hamilton   | 3,092           | 1,190           | 3,262            | 3,964           | 269            | 60              |  |
| Hancock    | 301             | 736             | 392              | 1,429           | 1              |                 |  |
| Hardeman   | 1,248           | 478             | 1,974            | 1,336           | 3              | 9               |  |
| Hardin     | 767             | 1,107           | 1,159            | 1,367           |                |                 |  |
| Hawkins    | 1,400           | 1,203           | 1,867            | 2,515           | 22             | 1               |  |
| Haywood    | 662             | 37              | 1,452            | 214             | 16             | 4               |  |
| Henderson  | 879             | 1,443           | 1,308            | 1,925           | 42             | 6               |  |
| Henry      | 1,709           | 483             | 2,606            | 993             | 104            | 26              |  |
| Hickman    | 780             | 206             | 1,292            | 896             | 9              | 26              |  |
| Houston    | 430             | 15              | 738              | 341             | 25             |                 |  |
| Humphreys  | 894             | 219             | 1,561            | 614             | 54             | 4               |  |
| Jackson    | 1,066           | 497             | 1,479            | 935             |                | 6               |  |
| James      | 191             | 264             | 283              | 598             | 3              |                 |  |
| Jefferson  | 647             | 1,662           | 816              | 2,347           | 16             |                 |  |
| Johnson    | 244             | 986             | 189              | 1,618           | 7              |                 |  |
| Knox       | 4,229           | 2,415           | 4,401            | 3,992           | 126            | 47              |  |
| Lake       | 170             | 6               | 558              | 201             |                |                 |  |
| Lauderdale | 731             | 54              | 1,807            | 437             | 24             | 35              |  |
| Lawrence   | 846             | 643             | 1,481            | 1,327           |                |                 |  |
| Lewis      | 228             | 65              | 400              | 202             | 2              |                 |  |
| Lincoln    | 1,589           | 245             | 3,463            | 728             | 168            | 53              |  |
| Loudon     | 571             | 939             | 512              | 1,116           | 7              | 2               |  |
| Macon      | 544             | 570             | 871              | 1,325           |                |                 |  |
| McMinn     | 822             | 923             | 1,289            | 2,057           | 52             | 3               |  |
| McNairy    | 945             | 1,086           | 1,443            | 1,499           | 7              | 35              |  |
| Madison    | 1,250           | 330             | 2,390            | 1,147           | 16             | 126             |  |
| Marion     | 520             | 319             | 1,334            | 1,586           | 3              |                 |  |
| Marshall   | 1,651           | 827             | 2,186            | 763             | 96             | 111             |  |
| Maury      | 1,677           | 478             | 3,326            | 2,495           | 54             | 24              |  |
| Meigs      | 426             | 251             | 701              | 621             | 2              | 5               |  |
| Monroe     | 1,147           | 1,081           | 1,634            | 1,743           | 69             | 1               |  |
| Montgomery | 1,994           | 504             | 2,245            | 1,822           | 320            | 4               |  |
| Moore      | 661             | 51              | 838              | 65              | 16             |                 |  |
| Morgan     | 315             | 690             | 422              | 1,053           | 6              |                 |  |
| Obion      | 1,210           | 199             | 2,728            | 771             | 132            | 20              |  |
| Overton    | 1,197           | 476             | 1,443            | 764             |                |                 |  |
| Perry      | 596             | 222             | 851              | 608             |                | 11              |  |
| Pickett    | 264             | 433             | 345              | 514             |                |                 |  |
| Polk       | 499             | 358             | 737              | 906             |                | 1               |  |
| Putnam     | 1,289           | 626             | 1,452            | 1,058           | 4              |                 |  |
| Rhea       | 669             | 531             | 798              | 838             | 33             |                 |  |
| Roane      | 522             | 1,321           | 740              | 2,429           | 148            | 14              |  |
| Robertson  | 1,564           | 241             | 2,569            | 1,152           | 67             | 7               |  |
| Rutherford | 1,654           | 387             | 2,520            | 1,429           | 15             | 82              |  |
| Scott      | 121             | 1,061           | 171              | 1,498           | 3              |                 |  |
| Sequatchie | 252             | 78              | 375              | 216             | 7              |                 |  |
| Sevier     | 264             | 1,805           | 382              | 2,595           | 6              |                 |  |
| Shelby     | 4,104           | 336             | 5,230            | 2,994           | 51             | 39              |  |
| Smith      | 1,093           | 417             | 1,940            | 1,118           | 80             | 34              |  |
| Stewart    | 982             | 249             | 1,577            | 793             | 20             | 2               |  |
| Sullivan   | 1,825           | 971             | 2,451            | 1,742           | 55             | 2               |  |
| Sumner     | 2,347           | 454             | 3,589            | 778             | 26             | 26              |  |
| Tipton     | 1,526           | 440             | 1,887            | 1,308           | 8              | 20              |  |
| Trousdale  | 514             | 104             | 675              | 222             | 3              | 27              |  |
| Unicoi     | 85              | 388             | 76               | 822             | 19             |                 |  |

| COUNTIES.  | GOVERNOR, 1902. |                 | PRESIDENT, 1900. |                 |                |                 |
|------------|-----------------|-----------------|------------------|-----------------|----------------|-----------------|
|            | Fra-zer, Dem.   | Camp-bell, Rep. | Bryan, Dem.      | Mc-Kinley, Rep. | Wool-ley, Pro. | Bar-ker, M.R.P. |
| Union      | 281             | 835             | 566              | 1,501           | 12             |                 |
| Van Buren  | 282             | 94              | 425              | 153             | 1              |                 |
| Warren     | 1,627           | 393             | 1,932            | 672             |                |                 |
| Washington | 1,209           | 1,412           | 1,496            | 2,492           | 60             | 1               |
| Wayne      | 297             | 442             | 576              | 1,541           | 8              | 1               |
| Weakley    | 1,541           | 451             | 3,609            | 1,990           | 123            | 30              |
| White      | 1,540           | 378             | 1,658            | 656             | 24             |                 |
| Williamson | 1,279           | 134             | 2,140            | 705             | 50             | 39              |
| Wilson     | 1,440           | 309             | 2,674            | 1,063           | 67             | 8               |
| Total      | 98,954          | 59,002          | 144,751          | 121,194         | 3,900          | 1,368           |
| Plurality  | 39,952          |                 | 23,557           |                 |                |                 |
| Per cent.  | 61.78           | 36.85           | 53.19            | 44.62           | 1.73           | 0.50            |
| Scattering |                 |                 | 2,193            |                 | 410            |                 |
| Whole vote | 160,159         |                 |                  | 271,623         |                |                 |

For Governor, 1902. Cheves, Pro., received 2,193 votes.

The scattering vote for President in 1900 was: Debs, Soc. D., 410.

The vote for Governor in 1900 was: McMillin, Dem., 145,708; McCall, Rep., 119,832.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1902.

Districts.

I. Counties of Carter, Claiborne, Cocke, Grainger, Greene, Hamblen, Hancock, Hawkins, Johnson, Sullivan, Unicoi, and Washington. Cy. H. Lyle, Dem., 9,752; W. R. Brownlow, Rep., 15,373. Brownlow's majority, 5,621.

II. Counties of Anderson, Blount, Campbell, Jefferson, Knox, Loudon, Morgan, Roane, Scott, Sevier, and Union. H. N. Hannah, Dem., 9,636; H. R. Gibson, Rep., 11,993. Gibson's majority, 2,357.

III. Counties of Bledsoe, Bradley, Franklin, Grundy, Hamilton, James, McMinn, Marion, Meigs, Monroe, Polk, Sequatchie, Van Buren, Warren, and White. John A. Moon, Dem., 14,757; F. B. Janeway, 233. Moon's majority, 14,524.

IV. Counties of Clay, Cumberland, Fentress, Jackson, Macon, Overton, Pickett, Putnam, Smith, Sumner, Trousdale, and Wilson. Morgan C. Fitzpatrick, Dem., 11,609; G. B. West, Rep., 6,223. Fitzpatrick's majority, 5,381.

V. Counties of Bedford, Cannon, Coffee, De Kalb, Lincoln, Marshall, Moore, and Rutherford. J. D. Richardson, Dem., 10,314; J. W. Parker, Rep., 3,113. Richardson's majority, 7,201.

VI. Counties of Cheatham, Davidson, Houston, Humphreys, Montgomery, Robertson, and Stewart. J. W. Gaines, Dem., 9,422; A. M. Tillman, Rep., 2,025. Gaines' majority, 7,397.

VII. Counties of Dickson, Giles, Hickman, Lawrence, Lewis, Maury, Wayne, and Williamson. L. P. Padgett, Dem., 9,470; E. L. Gregory, Rep., 3,106. Padgett's majority, 6,364.

VIII. Counties of Benton, Carroll, Chester, Decatur, Hardin, Henderson, Henry, Madison, McNairy, and Perry. T. W. Sims, Dem., 9,323; F. M. Davis, Rep., 8,642. Sims' majority, 681.

IX. Counties of Crockett, Dyer, Gibson, Haywood, Lake, Lauderdale, Obion, and Weakley. Rice A. Pierce, Dem., 7,371; S. D. Kellas, Rep., 1,557. Pierce's majority, 6,814.

X. Counties of Fayette, Hardeman, Shelby, and Tipton. W. R. Patterson, Dem., 7,869; T. C. Phelan, Rep., 1,500; L. B. Eaton, Pro., 91. Patterson's plurality, 6,369.



TENNESSEE—Continued.

VOTE FOR GOVERNOR, 1900.

The vote for Governor was: McMillin, Dem., 145,708; McCall, Rep., 119,831; Chevis, Pro., 3,378; Mullins, Pop., 1,269; Hooker, Soc. L., 257. McMillin's plurality, 25,877.

PRESENT STATE GOVERNMENT.

Governor, James B. Frazer; Secretary of State, John W. Morton; Treasurer, R. E. Folk; Commissioner of Agriculture, Thomas Paine; Superintendent of Public Instruction, M. C. Fitzpatrick; Comptroller, Theo. F. King; Adjutant-General, W. M. Brandon; Attorney-General, G. W. Pickle—all Democrats.

JUDICIARY.

Supreme Court: Chief Justice, W. D. Beard; Justices, John S. Wilkes, W. K. McAllister, M. M. Neil, and John K. Shields—all Democrats.

STATE LEGISLATURE, 1903.

|                      | Senate. House. Joint Ballot. |    |     |
|----------------------|------------------------------|----|-----|
| Democrats.....       | 28                           | 83 | 111 |
| Republicans.....     | 5                            | 16 | 21  |
| Democratic majority. | 23                           | 67 | 90  |

VOTE OF THE STATE SINCE 1872.

|                 | Dem.    | Rep.    | Gr.    | Pro.   | Plu.      |
|-----------------|---------|---------|--------|--------|-----------|
| 1872. Pres..... | 94,391  | 83,655  | .....  | .....  | 10,736 D  |
| 1874. Gov.....  | 103,061 | 55,843  | .....  | .....  | *47,218 D |
| 1876. Pres..... | 133,166 | 89,566  | .....  | .....  | 43,600 D  |
| 1880. Pres..... | 128,191 | 107,677 | 5,917  | .....  | 20,514 D  |
| 1884. Pres..... | 133,270 | 124,090 | 957    | 1,151  | 9,180 D   |
| 1886. Gov.....  | 126,628 | 109,835 | .....  | .....  | 16,793 D  |
| 1888. Gov.....  | 156,799 | 139,014 | .....  | 6,983  | 17,655 D  |
| 1888. Pres..... | 158,779 | 138,988 | 48     | 5,969  | 19,791 D  |
| 1890. Gov.....  | 113,549 | 76,081  | .....  | 11,082 | 37,468 D  |
| 1892. Gov.....  | 127,247 | 100,629 | 31,515 | 5,427  | 26,618 D  |
| 1892. Pres..... | 138,874 | 100,331 | 23,447 | 4,851  | 38,543 D  |
| 1894. Gov.....  | 104,356 | 105,104 | 23,092 | .....  | 748 R     |
| 1896. Pres..... | 156,268 | 148,773 | .....  | 3,098  | 17,495 D  |
| 1898. Gov.....  | 105,640 | 72,611  | 1,722  | 2,411  | 33,029 D  |
| 1900. Gov.....  | 145,708 | 119,831 | 1,269  | 3,378  | 25,877 D  |
| 1900. Pres..... | 144,751 | 121,194 | .....  | .....  | 23,557 D  |
| 1902. Gov.....  | 98,954  | 49,002  | .....  | 2,193  | 39,952 D  |

\* Majority. † A recount of the vote by the Legislature resulted in the rejection of certain returns for irregularities and elected Turney Governor.

TEXAS.

| COUNTIES.<br>(246.) | GOVERNOR,<br>1902.   |                       | PRESIDENT,<br>1900. |                       |                       |                      |       |
|---------------------|----------------------|-----------------------|---------------------|-----------------------|-----------------------|----------------------|-------|
|                     | Lan-<br>ham,<br>Dem. | Burk-<br>itt,<br>Rep. | Bryan,<br>Dem.      | Mc-<br>Kinley<br>Rep. | Wool-<br>ley,<br>Pro. | Bar-<br>ker,<br>Pop. |       |
| Anderson.....       | 820                  | 320                   | 2,462               | 1,471                 | 18                    | 91                   |       |
| Angelina.....       | .....                | .....                 | 1,381               | 456                   | 17                    | 144                  |       |
| Aransas.....        | 281                  | 109                   | 205                 | 113                   | .....                 | .....                |       |
| Archer.....         | .....                | .....                 | 465                 | 85                    | .....                 | .....                | 9     |
| Armstrong.....      | 253                  | 31                    | 197                 | .....                 | 24                    | .....                | 0     |
| Atascosa.....       | .....                | .....                 | 836                 | 291                   | .....                 | .....                | ..... |
| Austin.....         | 1,859                | 1,022                 | 1,854               | 1,094                 | 1                     | .....                | ..... |
| Bandera.....        | 637                  | 172                   | 551                 | 348                   | .....                 | 41                   | ..... |
| Bexar.....          | 2,101                | 1,296                 | 2,194               | 1,828                 | 50                    | 113                  | ..... |
| Baylor.....         | 518                  | 35                    | 471                 | 88                    | 5                     | .....                | ..... |
| Bee.....            | 868                  | 216                   | 1,051               | 301                   | .....                 | 13                   | ..... |
| Bell.....           | 3,987                | 173                   | 4,584               | 1,211                 | 30                    | 263                  | ..... |
| Bexar.....          | 5,165                | 2,007                 | 5,272               | 3,762                 | 52                    | 28                   | ..... |
| Blanco.....         | 656                  | 143                   | 524                 | 285                   | 64                    | 64                   | ..... |
| Borden.....         | 180                  | .....                 | 130                 | 30                    | .....                 | 20                   | ..... |
| Bosque.....         | 1,534                | 168                   | 1,729               | 609                   | 11                    | 179                  | ..... |
| Bowie.....          | 1,908                | 908                   | .....               | .....                 | .....                 | .....                | ..... |
| Brazoria.....       | 825                  | 137                   | 967                 | 165                   | .....                 | 25                   | ..... |
| Brazos.....         | 1,924                | 758                   | 1,786               | 1,616                 | .....                 | 46                   | ..... |

TEXAS—Continued.

| COUNTIES.          | GOVERNOR,<br>1902.   |                       | PRESIDENT,<br>1900. |                       |                       |                      |       |
|--------------------|----------------------|-----------------------|---------------------|-----------------------|-----------------------|----------------------|-------|
|                    | Lan-<br>ham,<br>Dem. | Burk-<br>itt,<br>Rep. | Bryan,<br>Dem.      | Mc-<br>Kinley<br>Rep. | Wool-<br>ley,<br>Pro. | Bar-<br>ker,<br>Pop. |       |
| Brewster.....      | .....                | .....                 | 256                 | .....                 | .....                 | .....                | ..... |
| Briscoe.....       | .....                | .....                 | 217                 | 31                    | .....                 | .....                | 11    |
| Brown.....         | 1,450                | 185                   | 1,685               | 632                   | .....                 | .....                | 173   |
| Burleson.....      | 1,956                | 295                   | 1,601               | 1,351                 | 11                    | 24                   | 94    |
| Burnet.....        | 1,351                | 116                   | 1,283               | 522                   | 7                     | .....                | 146   |
| Caldwell.....      | 1,824                | 184                   | 2,167               | 909                   | 19                    | .....                | 129   |
| Calhoun.....       | 468                  | 72                    | .....               | .....                 | .....                 | .....                | ..... |
| Callahan.....      | 771                  | 97                    | 820                 | 288                   | 33                    | .....                | 3     |
| Cameron.....       | 1,715                | 1,013                 | 1,564               | 1,562                 | .....                 | .....                | 70    |
| Camp.....          | 873                  | 350                   | 591                 | 687                   | .....                 | .....                | ..... |
| Carson.....        | .....                | .....                 | 103                 | 22                    | .....                 | .....                | ..... |
| Cass.....          | .....                | .....                 | 1,373               | 1,714                 | .....                 | .....                | 462   |
| Castro.....        | 193                  | .....                 | 116                 | .....                 | .....                 | .....                | ..... |
| Chambers.....      | 308                  | 180                   | 318                 | .....                 | .....                 | .....                | ..... |
| Cherokee.....      | .....                | .....                 | 1,930               | 1,523                 | .....                 | .....                | 421   |
| Cherokee.....      | 542                  | .....                 | 380                 | 54                    | .....                 | .....                | 22    |
| Clay.....          | .....                | .....                 | 1,199               | 271                   | .....                 | .....                | 71    |
| Coke.....          | .....                | .....                 | .....               | .....                 | .....                 | .....                | ..... |
| Coleman.....       | 896                  | 29                    | 1,433               | 228                   | .....                 | .....                | 52    |
| Collin.....        | 3,385                | 356                   | 5,081               | 1,750                 | .....                 | .....                | 140   |
| Collingsworth..... | 265                  | 21                    | 201                 | .....                 | .....                 | .....                | 24    |
| Colorado.....      | 1,263                | 455                   | 2,019               | 1,190                 | .....                 | .....                | 51    |
| Comal.....         | 849                  | 477                   | 722                 | 501                   | .....                 | .....                | ..... |
| Comanche.....      | 2,009                | 222                   | 2,204               | 586                   | 37                    | .....                | 1,299 |
| Concho.....        | 240                  | 58                    | 206                 | 75                    | 4                     | .....                | 24    |
| Coryell.....       | 1,649                | 170                   | 2,178               | 10                    | .....                 | .....                | 295   |
| Cottle.....        | .....                | .....                 | 157                 | 29                    | .....                 | .....                | ..... |
| Crockett.....      | .....                | .....                 | 170                 | 173                   | .....                 | .....                | 12    |
| Crosby.....        | 186                  | 9                     | .....               | .....                 | .....                 | .....                | ..... |
| Culberson.....     | 468                  | 72                    | 3,211               | 516                   | .....                 | .....                | 13    |
| Dallas.....        | 5,355                | 744                   | 8,253               | 3,405                 | 219                   | .....                | 145   |
| Deaf Smith.....    | .....                | .....                 | 185                 | 29                    | 29                    | .....                | 702   |
| Delta.....         | 1,700                | 475                   | 1,420               | 613                   | 7                     | .....                | 39    |
| Denton.....        | 2,005                | 381                   | 3,305               | 956                   | 19                    | .....                | 84    |
| De Witt.....       | 1,385                | 1,073                 | 1,701               | 1,286                 | .....                 | .....                | 24    |
| Dickens.....       | 220                  | .....                 | 192                 | 6                     | 47                    | .....                | 19    |
| Dimmit.....        | 217                  | 63                    | 144                 | 114                   | .....                 | .....                | 42    |
| Donley.....        | 341                  | 35                    | 325                 | 122                   | 47                    | .....                | 42    |
| Duval.....         | 727                  | 462                   | 358                 | 481                   | .....                 | .....                | ..... |
| Eastland.....      | 2,275                | 243                   | .....               | .....                 | .....                 | .....                | ..... |
| Ector.....         | 39                   | .....                 | .....               | .....                 | .....                 | .....                | ..... |
| Edwards.....       | .....                | .....                 | 298                 | 257                   | .....                 | .....                | 22    |
| Ellis.....         | 4,832                | 429                   | 5,659               | 1,095                 | 68                    | .....                | 260   |
| El Paso.....       | 2,714                | 177                   | 2,492               | 1,007                 | .....                 | .....                | ..... |
| Erath.....         | .....                | .....                 | 2,880               | 1,169                 | .....                 | .....                | 544   |
| Falls.....         | .....                | .....                 | 2,968               | 2,541                 | 41                    | .....                | 92    |
| Fannin.....        | .....                | .....                 | 5,560               | 1,869                 | 2                     | .....                | 266   |
| Fayette.....       | 3,651                | 1,870                 | 3,546               | 2,043                 | 30                    | .....                | 181   |
| Fisher.....        | 488                  | 80                    | 431                 | .....                 | 15                    | .....                | 166   |
| Floyd.....         | 256                  | 34                    | 265                 | 50                    | .....                 | .....                | 37    |
| Foard.....         | 300                  | 31                    | 232                 | 69                    | .....                 | .....                | 45    |
| Fort Bend.....     | 728                  | 132                   | 628                 | 967                   | .....                 | .....                | 15    |
| Franklin.....      | 859                  | .....                 | .....               | .....                 | .....                 | .....                | ..... |
| Freestone.....     | .....                | .....                 | 1,460               | 1,173                 | 12                    | .....                | 206   |
| Frio.....          | 529                  | 209                   | 507                 | 235                   | .....                 | .....                | 34    |
| Galveston.....     | 4,387                | 1,137                 | 3,401               | 2,133                 | 24                    | 1                    | ..... |
| Gillespie.....     | 595                  | 924                   | 434                 | 1,147                 | .....                 | .....                | ..... |
| Glasscock.....     | 95                   | .....                 | 16                  | 5                     | .....                 | .....                | ..... |
| Goliad.....        | 671                  | 899                   | 727                 | 685                   | 1                     | .....                | 40    |
| Gonzales.....      | 2,704                | 1,239                 | 2,489               | .....                 | 17                    | .....                | 556   |
| Gray.....          | .....                | .....                 | .....               | .....                 | .....                 | .....                | ..... |
| Grayson.....       | 4,339                | 891                   | 6,440               | 2,464                 | 48                    | .....                | 75    |
| Gregg.....         | 906                  | 580                   | 737                 | 970                   | .....                 | .....                | 20    |
| Grimes.....        | 1,086                | .....                 | 1,594               | 82                    | .....                 | .....                | 245   |
| Guadalupe.....     | 1,789                | 1,722                 | 1,605               | 1,844                 | .....                 | .....                | ..... |
| Hale.....          | 350                  | .....                 | 280                 | 46                    | .....                 | .....                | 33    |
| Hall.....          | .....                | .....                 | 324                 | 10                    | 2                     | .....                | 6     |
| Hamilton.....      | 1,475                | 158                   | 1,239               | 532                   | 9                     | .....                | 454   |
| Hansford.....      | .....                | .....                 | 22                  | 24                    | .....                 | .....                | ..... |
| Hardeman.....      | 626                  | 51                    | 561                 | 95                    | 4                     | .....                | 22    |
| Hardin.....        | 596                  | 329                   | 578                 | .....                 | .....                 | .....                | 3     |
| Harris.....        | 5,308                | 1,790                 | 5,527               | 2,524                 | 29                    | .....                | 18    |
| Harrison.....      | 2,925                | 182                   | 1,234               | 1,123                 | 8                     | .....                | 23    |
| Hartley.....       | .....                | .....                 | 110                 | .....                 | .....                 | .....                | ..... |
| Haskell.....       | 750                  | 72                    | 110                 | .....                 | .....                 | .....                | ..... |
| Hays.....          | 1,253                | 268                   | 1,397               | 489                   | 39                    | .....                | 35    |
| Hempbill.....      | 163                  | 28                    | 150                 | 65                    | 6                     | .....                | ..... |
| Henderson.....     | .....                | .....                 | 1,627               | 919                   | 8                     | .....                | 273   |
| Hidalgo.....       | 935                  | 88                    | 1,397               | 426                   | .....                 | .....                | ..... |

TEXAS—Continued.

| COUNTIES.                      | GOVERNOR, 1902. |               | PRESIDENT, 1900. |                |               |              |  |
|--------------------------------|-----------------|---------------|------------------|----------------|---------------|--------------|--|
|                                | Lanham, Dem.    | Burkitt, Rep. | Bryan, Dem.      | McKinley, Rep. | Woolley, Pro. | Barber, Pop. |  |
| Hill.....                      | 719             | ..            | 4,427            | 1,159          | 75            | 434          |  |
| Hopkins.....                   | 1,938           | ..            | 1,086            | 366            | ..            | 198          |  |
| Houston.....                   | 1,799           | 473           | 2,518            | 1,097          | 137           | 310          |  |
| Howard.....                    | ..              | ..            | 1,913            | 1,297          | ..            | 5            |  |
| Hunt.....                      | 3,669           | 334           | 4,691            | 1,229          | 87            | 94           |  |
| Irion.....                     | 182             | ..            | 156              | ..             | ..            | 287          |  |
| Jack.....                      | ..              | ..            | ..               | ..             | ..            | ..           |  |
| Jackson.....                   | 228             | 233           | 440              | 334            | ..            | 40           |  |
| Jasper.....                    | ..              | ..            | 518              | 587            | 8             | 43           |  |
| Jeff Davis.....                | ..              | ..            | 93               | 155            | ..            | ..           |  |
| Jefferson.....                 | 2,041           | 558           | ..               | ..             | ..            | ..           |  |
| Johnson.....                   | 2,243           | 30            | 3,556            | 1,057          | 18            | 431          |  |
| Jones.....                     | ..              | ..            | 747              | 142            | ..            | 263          |  |
| Karnes.....                    | 1,122           | 347           | 993              | 203            | 4             | 142          |  |
| Kaufman.....                   | 3,666           | ..            | ..               | ..             | ..            | ..           |  |
| Kendall.....                   | 231             | 367           | 266              | 485            | ..            | 17           |  |
| Kent.....                      | 233             | 17            | 169              | 9              | 2             | 16           |  |
| Kerr.....                      | ..              | ..            | 558              | 238            | ..            | 11           |  |
| Kimble.....                    | ..              | ..            | 238              | 158            | ..            | ..           |  |
| King.....                      | 122             | ..            | 119              | 6              | ..            | ..           |  |
| Kinney.....                    | 267             | 183           | 179              | 190            | ..            | 3            |  |
| Knox.....                      | 597             | 41            | 413              | 34             | 3             | 42           |  |
| Lamar.....                     | 3,251           | 333           | 4,187            | 1,619          | 19            | 156          |  |
| Lampasas.....                  | 869             | 168           | 848              | 48             | 126           | ..           |  |
| La Salle.....                  | 405             | 50            | 180              | 323            | ..            | ..           |  |
| Lavaca.....                    | 2,377           | 802           | 2,868            | 966            | 3             | 203          |  |
| Lee.....                       | 1,326           | 944           | 1,184            | 1,125          | 40            | 26           |  |
| Leon.....                      | ..              | ..            | 1,680            | ..             | ..            | ..           |  |
| Liberty.....                   | 811             | 482           | 956              | 486            | ..            | 43           |  |
| Limestone.....                 | 1,899           | 273           | 3,143            | 1,114          | 49            | 229          |  |
| Lipscomb.....                  | ..              | ..            | 135              | 60             | ..            | ..           |  |
| Live Oak.....                  | 404             | 48            | 406              | 57             | ..            | 3            |  |
| Llano.....                     | 961             | 58            | 748              | 362            | ..            | 117          |  |
| Loving.....                    | ..              | ..            | ..               | ..             | ..            | ..           |  |
| Lubbock, Lynn and Hockley..... | 276             | 20            | 165              | ..             | ..            | 5            |  |
| Madison.....                   | 1,046           | 364           | 953              | 500            | ..            | 227          |  |
| Marion.....                    | 232             | 92            | 390              | 789            | ..            | 13           |  |
| Martin.....                    | 164             | ..            | 83               | 11             | ..            | 74           |  |
| Mason.....                     | 609             | 223           | 602              | 339            | 1             | 6            |  |
| Matagorda.....                 | ..              | ..            | 347              | 259            | ..            | ..           |  |
| Maverick.....                  | 436             | 285           | 407              | 416            | 5             | ..           |  |
| McCulloch.....                 | ..              | ..            | 512              | 230            | 47            | 44           |  |
| McLennan.....                  | 4,138           | 393           | 4,868            | 1,988          | ..            | 59           |  |
| McMullen.....                  | 136             | 61            | 158              | 64             | 6             | 1            |  |
| Medina.....                    | 739             | 634           | 881              | 535            | 1             | 15           |  |
| Menard.....                    | 419             | 25            | 312              | 167            | 10            | 17           |  |
| Midland.....                   | ..              | ..            | 275              | 76             | 10            | ..           |  |
| Mills.....                     | 2,834           | 479           | 3,406            | 1,479          | 7             | 293          |  |
| Mitchell.....                  | 647             | 31            | 690              | 331            | 6             | 273          |  |
| Montague.....                  | 501             | 60            | 451              | 141            | 38            | ..           |  |
| Montgomery.....                | 1,865           | 99            | 3,052            | 347            | ..            | 88           |  |
| Moore.....                     | 1,367           | 1,036         | 1,380            | 897            | ..            | 116          |  |
| Morris.....                    | 969             | 208           | 27               | 7              | 1             | ..           |  |
| Motley.....                    | 259             | 14            | 263              | 4              | ..            | ..           |  |
| Nacogdoches.....               | 1,849           | 774           | 1,897            | 1,094          | ..            | 992          |  |
| Navarro.....                   | ..              | ..            | 4,062            | 1,911          | 77            | 610          |  |
| Newton.....                    | 684             | 357           | 769              | 350            | 3             | 39           |  |
| Nolan.....                     | 495             | 85            | 395              | 180            | 11            | 39           |  |
| Nueces.....                    | 1,325           | 593           | 1,140            | 461            | ..            | ..           |  |
| Ochiltree.....                 | ..              | ..            | 22               | 22             | ..            | ..           |  |
| Oldham.....                    | 75              | 9             | 82               | 21             | ..            | ..           |  |
| Orange.....                    | 846             | 405           | 842              | 393            | 4             | 9            |  |
| Palo Pinto.....                | 1,520           | ..            | 1,366            | 341            | 29            | 252          |  |
| Panola.....                    | 1,370           | 62            | 1,764            | 678            | ..            | 17           |  |
| Parker.....                    | 2,700           | 230           | 2,571            | 552            | ..            | 492          |  |
| Pecos.....                     | ..              | ..            | ..               | ..             | ..            | ..           |  |
| Polk.....                      | 734             | 232           | 1,137            | 888            | 3             | 307          |  |
| Potter.....                    | 469             | 58            | 331              | 97             | 4             | 3            |  |
| Presidio.....                  | ..              | ..            | 258              | 420            | ..            | ..           |  |
| Rains.....                     | ..              | ..            | 548              | 454            | ..            | 117          |  |
| Randall.....                   | 276             | 19            | 216              | ..             | 7             | 4            |  |
| Red River.....                 | ..              | ..            | 2,602            | 848            | 8             | 362          |  |
| Reeves.....                    | 315             | 4             | 559              | 46             | ..            | 1            |  |
| Refugio.....                   | 239             | 135           | 192              | 84             | ..            | ..           |  |
| Roberts.....                   | ..              | ..            | 213              | 79             | ..            | 20           |  |
| Robertson.....                 | 3,173           | 163           | 1,867            | 1,247          | 6             | ..           |  |
| Rockwall.....                  | ..              | ..            | 1,140            | 121            | 28            | 50           |  |

TEXAS—Continued.

| COUNTIES.          | GOVERNOR, 19 2 |               | PRESIDENT, 1900. |                |               |              |  |
|--------------------|----------------|---------------|------------------|----------------|---------------|--------------|--|
|                    | Lanham, Dem.   | Burkitt, Rep. | Bryan, Dem.      | McKinley, Rep. | Woolley, Pro. | Barber, Pop. |  |
| Rannels.....       | 855            | 53            | 612              | 74             | 2             | 3            |  |
| Rusk.....          | 913            | 498           | 2,243            | 1,627          | 1             | 180          |  |
| Sabine.....        | ..             | ..            | ..               | ..             | ..            | ..           |  |
| San Augustine..... | 260            | 40            | 673              | 283            | ..            | 296          |  |
| San Jacinto.....   | 714            | 1,005         | 862              | 524            | ..            | 93           |  |
| San Patricio.....  | 477            | 87            | 460              | 40             | ..            | ..           |  |
| San Saba.....      | 1,102          | 108           | 1,082            | 341            | 3             | 111          |  |
| Scurry.....        | 484            | 71            | 376              | 161            | ..            | 261          |  |
| Shackelford.....   | 214            | 3             | 250              | 73             | 3             | ..           |  |
| Shelby.....        | 1,170          | 131           | ..               | ..             | ..            | ..           |  |
| Sherman.....       | 150            | ..            | 24               | 9              | ..            | ..           |  |
| Smith.....         | 1,295          | 515           | 2,706            | 2,470          | 39            | 124          |  |
| Somervell.....     | 392            | 263           | 380              | 143            | ..            | 151          |  |
| Starr.....         | 1,190          | 589           | 1,249            | 857            | ..            | ..           |  |
| Stephens.....      | 540            | 11            | 735              | 45             | 7             | 186          |  |
| Sterling.....      | ..             | ..            | 141              | 44             | ..            | 56           |  |
| Stonewall.....     | 413            | 12            | 305              | 107            | ..            | ..           |  |
| Sutton.....        | 212            | 92            | 176              | 153            | ..            | ..           |  |
| Swisher.....       | 287            | ..            | 148              | 50             | ..            | 6            |  |
| Tarrant.....       | 5,092          | 989           | 5,277            | ..             | 1             | 167          |  |
| Taylor.....        | 1,005          | 48            | 1,253            | 440            | 60            | 139          |  |
| Throckmorton.....  | 221            | 28            | 250              | 54             | 4             | 36           |  |
| Titus.....         | ..             | ..            | 956              | 445            | ..            | 214          |  |
| Tom Green.....     | 475            | 117           | 602              | 235            | 2             | 1            |  |
| Travis.....        | 3,843          | 1,169         | 4,194            | 2,601          | 27            | 104          |  |
| Trinity.....       | 1,128          | 293           | 1,110            | 517            | ..            | 44           |  |
| Tyler.....         | 876            | 247           | 1,215            | 522            | 53            | 53           |  |
| Upshur.....        | 960            | 30            | ..               | ..             | ..            | ..           |  |
| Uvalde.....        | 657            | 213           | 553              | 280            | 3             | ..           |  |
| Val Verde.....     | 715            | 40            | 571              | 227            | ..            | ..           |  |
| Van Zandt.....     | 2,687          | 68            | 2,726            | 855            | 14            | 586          |  |
| Victoria.....      | 1,233          | 1,144         | ..               | ..             | ..            | ..           |  |
| Walker.....        | ..             | ..            | 1,299            | 1,131          | ..            | 95           |  |
| Waller.....        | 739            | 772           | 971              | 760            | ..            | 1            |  |
| Ward.....          | 317            | 15            | ..               | ..             | ..            | ..           |  |
| Washington.....    | 2,937          | 658           | 1,811            | 1,371          | 1             | ..           |  |
| Webb.....          | 2,212          | 863           | 1,103            | 1,770          | ..            | ..           |  |
| Wharton.....       | 463            | 619           | 778              | 535            | 1             | 5            |  |
| Wheeler.....       | 180            | ..            | ..               | ..             | ..            | ..           |  |
| Wichita.....       | ..             | ..            | 907              | 215            | 3             | 18           |  |
| Wilbarger.....     | ..             | ..            | 626              | 138            | ..            | 14           |  |
| Williamson.....    | ..             | ..            | 3,673            | 1,812          | 69            | 435          |  |
| Wilson.....        | 2,173          | 601           | 1,800            | 477            | 2             | 95           |  |
| Wise.....          | 2,432          | 189           | 2,993            | 763            | ..            | 319          |  |
| Wood.....          | 1,803          | 288           | 1,623            | 933            | 13            | 153          |  |
| Young.....         | ..             | ..            | 858              | 158            | 79            | 72           |  |
| Zapata.....        | ..             | ..            | 102              | 462            | ..            | ..           |  |
| Zavala.....        | 154            | 16            | 126              | 35             | ..            | ..           |  |
| Total.....         | 21,895         | 56,678        | 267,387          | 121,173        | 2,644         | 20,976       |  |
| Plurality.....     | 16,221         | ..            | 146,164          | ..             | ..            | ..           |  |
| Per cent.....      | 76.08          | 23.12         | 64.85            | 29.39          | 0.63          | 5.09         |  |
| Scattering.....    | 13,155         | ..            | 160              | ..             | ..            | ..           |  |
| Whole vote.....    | 287,792        | ..            | 412,290          | ..             | ..            | ..           |  |

The above vote for Governor in 1902 is unofficial, being the vote of only 175 counties out of 246. The official count will not be announced until the State Legislature meets in January, 1903.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1902.

- Districts.
- I. Counties of Bowie, Red River, Lamar, Delta, Hopkins, Franklin, Titus, Camp, Morris, Cass, and Marion. Sheppard, Dem., 10,540; Hurley, Rep., 2,710.
- II. Counties of Jefferson, Orange, Hardin, Tyler, Jasper, Newton, Sabine, San Augustine, Angelina, Cherokee, Nacogdoches, Shelby, Panola, and Harrison. Cooper, Dem., 17,251; Donald, Rep., 780.
- III. Counties of Wood, Upshur, Gregg, Rush, Smith, Henderson, Van Zandt, and Kaufman. Russell, Dem., 12,020; Yates, Rep., 3,635.
- IV. Counties of Grayson, Collin, Fannin, Hunt, and Rains. Randall, Dem., 19,909; Gray, Rep., 1,249.
- V. Counties of Dallas, Rockwell, Ellis, Hill, and Bosque. Beall, Dem., 15,106; Lumkin, Rep., 1,900.

TEXAS—Continued.

- VI. Navarre, Freestone Limestone, Robertson, Brazos, Milam, Field Dem., 19,467.
- VII. Anderson, Houston, Trinity, Polk, San Jacinto, Liberty, Chambers, Galveston, Gregg, Dem., 13,550.
- VIII. Harris, Fort Bend, Austin, Waller, Montgomery, Grimes, Walker, Madison, Leon, Ball, Dem., 14,867; McDaniel, Rep., 6,713.
- IX. Gonzales, Fayette, Colorado, Wharton, Matagorda, Brazoria, Jackson, Lavaca, De Witt, Victoria Calhoun, Arkansas, Refugio, Bee, Goliad, Karnes, Burgess, Dem., 17,015; Bur-ow, Rep., 19,668.
- X. Williamson, Travis, Hays, Caldwell, Bastrop, Bee, Burleson, Washington, Burleson, Dem., 25,066.
- XI. McLennan, Falls, Bell, Coryell, Hamilton, Henry, Dem., 11,703; Wurts, Rep., 630.
- XII. Tarrant, Parker, Johnson, Hood, Somervell, Erath, Comanche, Gillespie, Dem., 14,639; Greenwell, Rep., 3,936.
- XIII. Cook, Denton, Wise, Montague, Clay, Jack, Young, Archer, Wichita, Wilbarger, Baylor, Throckmorton, Knox, Foard, Hardeman, Cottle, Motley, Dickens, Floyd, Hale, Lamb, Bailey, Childress, Hall, Briscoe, Swisher, Castro, Parmer, Deaf Smith, Randall, Armstrong, Donley, Collingsworth, Wheeler, Gray, Carson, Potter, Oldham, Hartley, Moore, Hutchinson, Roberts, Hemp-hill, Lipscomb, Ochiltree, Hansford, Sher-man, Dallam, Stephens, Dem., 21,095; Rec-tor, Rep., 1,477.
- XIV. Bexar, Comal, Kendall, Bandera, Kerr, Gillespie, Blanco, Burnet, Llano, Mason, McCulloch, San Saba, Lampasas, Mills, Brown, Coleman, Slayden, Dem., 14,811; Meek, Rep., 4,705.
- XV. Cameron, Hidalgo, Starr, Zapata, Webb, Duval, Nueces, San Patricio, Live Oak, Atascosa, Wilson, Guadalupe, McMullen, La Salle, Dimmit, Maverick, Zavala, Frio, Medina, Uvalde, Kinney, Val Verde. Gar-ner, Dem., 15,773; Scott, Rep., 9,931.
- XVI. El Paso, Jeff Davis, Presidio, Brewster, Pecos, Crockett, Schleicher, Sutton, Ed-wards, Kimble, Menard, Concho, Tom Green, Irion, Upton, Crane, Ward, Reeves, Loving, Winkler, Ector, Midland, Glass-cock, Sterling, Coke, Runnels, Eastland, Cal-halan, Taylor, Nolan, Mitchell, Howard, Martin, Andrews, Gaines, Dawson, Borden, Scurry, Fisher, Jones, Shackelford, Step-hens, Palo Pinto, Haskell, Stone-wall, King, Kent, Garza, Crosby, Lubbock, Lynn, Terry, Yoakum, Cochran, Hockley, Smith, Dem., 15,092; Hunt, Rep., 1,960.

PRESENT STATE GOVERNMENT.

Governor, S. W. T. Lanahan; Lieutenant-Governor, Geo. D. Neal; Secretary of State, J. R. Cull; Treasurer, J. W. Robbins; Comptroller, R. M. Love; Superintendent of Public Instruction, Arthur Lefevre; Commissioner of Agriculture, Jeff. Johnson; Attorney-General, C. K. Bell—all Democrats.

JUDICIARY.

Supreme Court: Chief Justice, Reuben R. Gaines; Associate Justices, Thomas J. Brown and F. A. Williams; Clerk, C. L. Morse—all Democrats.

STATE LEGISLATURE, 1903.

|                | Senate. | House. | Joint Ballot. |
|----------------|---------|--------|---------------|
| Democrats..... | 31      | 127    | 158           |
| People.....    |         | 1      | 1             |

VOICE OF THE STATE SINCE 1872.

|                | Dem.    | Rep.   | Gr.    | Pro.  | Maj.       |
|----------------|---------|--------|--------|-------|------------|
| 1872. Pres.... | 66,455  | 47,426 | ....   | ....  | 19,029 D   |
| 1876. Pres.... | 104,755 | 44,800 | ....   | ....  | 59,955 D   |
| 1880. Pres.... | 156,423 | 57,893 | 27,405 | ....  | *98,535 D  |
| 1884. Pres.... | 225,309 | 93,141 | 3,321  | 3,538 | *132,168 D |

TEXAS—Continued.

|                |         |         | Labor.  |        |            |
|----------------|---------|---------|---------|--------|------------|
| 1888. Pres.... | 234,583 | 88,423  | 29,459  | 4,749  | *146,461 D |
| 1890. Gov....  | 262,432 | 77,742  | ....    | 2,463  | *184,690 D |
|                |         |         | Pop.    |        |            |
| 1892. Pres.... | 239,148 | 81,444  | 99,688  | 2,165  | *139,460 D |
| 1894. Comp.    | 216,240 | 162,575 | 149,857 | 2,209  | *66,383 D  |
| 1895. Gov....  | 241,882 | 55,405  | 159,224 | 15,026 | *82,658 D  |
|                |         |         | N. D.   |        |            |
| 1896. Pres.... | 370,434 | 167,530 | 5,046   | 1,786  | *202,914 D |
|                |         |         | Dem.    |        |            |
| 1898. Gov....  | 285,074 | 129,348 | ....    | ....   | 152,726 D  |
|                |         |         | Rep.    |        |            |
| 1900. Pres.... | 267,337 | 131,173 | 20,976  | 2,644  | *146,164 D |

\* Plurality. † United vote for two candidates. ‡ Independent Republican.

UTAH.

| COUNTIES.<br>(27.)  | JUS. SUP. CT.,<br>1902. |                       | COUNTIES.     | JUS. SUP. CT.,<br>1902. |                       |
|---------------------|-------------------------|-----------------------|---------------|-------------------------|-----------------------|
|                     | Young<br>Dem.           | Mc-<br>Carty,<br>Rep. |               | Young<br>Dem.           | Mc-<br>Carty,<br>Rep. |
| Beaver.....         | 606                     | 789                   | San Pete....  | 2,177                   | 2,734                 |
| Box Elder....       | 1,352                   | 1,729                 | Sevier.....   | 936                     | 1,452                 |
| Caché.....          | 3,055                   | 3,057                 | Summit....    | 1,849                   | 1,819                 |
| Carbon.....         | 525                     | 745                   | Tooele.....   | 713                     | 1,042                 |
| Davis.....          | 1,183                   | 1,212                 | Uintah.....   | 670                     | 623                   |
| Emery.....          | 708                     | 640                   | Utah.....     | 4,433                   | 5,157                 |
| Garfield....        | 225                     | 539                   | Wasatch..     | 672                     | 744                   |
| Grand.....          | 159                     | 235                   | Washington    | 871                     | 489                   |
| Iron.....           | 511                     | 546                   | Wayne.....    | 254                     | 305                   |
| Juab.....           | 1,359                   | 1,257                 | Weber.....    | 3,500                   | 4,198                 |
| Kane.....           | 119                     | 278                   |               |                         |                       |
| Millard....         | 748                     | 844                   | Total.....    | 38,433                  | 43,214                |
| Morgan....          | 352                     | 357                   | Plurality.... | ....                    | 4,781                 |
| Piute.....          | 295                     | 426                   | Per cent....  | 45.37                   | 51.26                 |
| Rich.....           | 312                     | 536                   | Scattering..  | ....                    | 3,071                 |
| Salt Lake... 10,788 | 11,550                  |                       | Whole vote    | ....                    | 84,718                |
| San Juan... 67      | 83                      |                       |               |                         |                       |

The candidate of Social party received 3,069 votes. The vote for President in 1900 was: Bryan, Dem., 45,006; McKinley, 47,139; Woolley, Pro., 209; Debs, Soc. D., 730; Malloney, Soc. L., 106.  
The vote for Governor in 1900 was: Moyle, Dem., 44,447; Wells, Rep., 47,600.  
The vote for Representative in Congress, 1903, was: Wm. H. King, Dem., 38,196; Joseph Howell, Rep., 43,710; M. Wilson, Soc., 2,936.

PRESENT STATE GOVERNMENT.

Governor, Heber M. Wells; Secretary of State, James T. Hammond; Treasurer, John D. Dixon; Auditor, C. S. Tingely; Adjutant-General, C. S. Burton; Attorney-General, M. A. Breeden; Superintendent of Education, A. C. Nelson; Commissioner of Insurance, Secretary of State, ex-officio—all Republicans.

JUDICIARY.

Supreme Court: Chief Justice, R. N. Baskin, Dem.; Justices, George W. Barch, Rep., and Wm. M. McCarty; Clerk, L. P. Palmer, Rep.

STATE LEGISLATURE, 1903.

The Legislature is composed of 11 Democrats and 52 Republicans.

VERMONT.

| COUNTIES.<br>(14.) | GOVERNOR,<br>1902.  |                        | PRESIDENT,<br>1900. |                       |                       |
|--------------------|---------------------|------------------------|---------------------|-----------------------|-----------------------|
|                    | Mc-<br>Gurk<br>Dem. | Mc-<br>Cull'gh<br>Rep. | Bryan,<br>Dem.      | Mc-<br>Kinley<br>Rep. | Wool-<br>ley,<br>Pro. |
| Addison.....       | 214                 | 2,464                  | 467                 | 3,286                 | 25                    |
| Benning.....       | 314                 | 2,394                  | 871                 | 2,666                 | 30                    |
| Caledonia.....     | 622                 | 2,733                  | 817                 | 2,957                 | 25                    |
| Chittenden....     | 649                 | 2,875                  | 1,833               | 3,907                 | 53                    |
| Fssex.....         | 235                 | 855                    | 258                 | 758                   | 5                     |
| Franklin.....      | 1,066               | 2,613                  | 1,316               | 2,737                 | 17                    |
| Grand Isle....     | 124                 | 540                    | 146                 | 356                   | 6                     |
| Lamoille.....      | 242                 | 1,430                  | 418                 | 1,742                 | 15                    |
| Orange.....        | 529                 | 1,914                  | 740                 | 2,515                 | 92                    |
| Orleans.....       | 314                 | 2,687                  | 441                 | 2,749                 | 14                    |
| Rutland.....       | 673                 | 2,102                  | 1,874               | 5,901                 | 49                    |

VERMONT—Continued.

| COUNTIES.        | GOVERNOR, 1902.   |                  | PRESIDENT, 1900. |                 | Wol-ley, Pro. |
|------------------|-------------------|------------------|------------------|-----------------|---------------|
|                  | McGet-trick, Dem. | McCullough, Rep. | Bryan, Dem.      | Mc-Kinley, Rep. |               |
| Washington ..... | 1,330             | 2,926            | 1,622            | 3,819           | 65            |
| Windham .....    | 743               | 2,804            | 1,014            | 3,948           | 23            |
| Windsor .....    | 289               | 3,317            | 943              | 5,227           | 19            |
| Total .....      | 7,364             | 31,864           | 12,849           | 42,568          | 368           |
| Plurality .....  |                   | 24,500           |                  | 29,719          |               |
| Per cent .....   | 10.54             | 45.56            | 22.85            | 75.94           | 0.65          |
| Scattering.....  |                   | 30,699           |                  | 431             |               |
| Whole vote.....  |                   | 69,927           |                  | 56,216          |               |

For Governor, 1902, Clement, Ind., License Rep. received 28,201 votes; Sherbourne, Pro., 2,498.

VOTE FOR GOVERNOR, 1900.

The vote for Governor in 1900 was: John H. Senter, Dem., 17,129; Wm. W. Stickney, Rep., 48,441; Henry C. Barnes, Pro., 950; Jas. Pirie, Soc. Dem., 567; scattering, 12. Stickney's plurality, 31,312.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1902.

Districts.

I. Counties of Addison, Bennington, Chittenden, Franklin, Grand Isle, Lamolle, and Rutland. Walter Lyons, Dem., 4,394; David L. Foster, Rep., 16,007; Henry M. Seeley, Pro., 892.

II. Counties of Caledonia, Essex, Orange, Orleans, Washington, Windham, and Windsor. Harris Miller, Dem., 4,150; Kittridge Haskins, Rep., 17,532; S. L. Swasey, Pro., 1,135.

PRESENT STATE GOVERNMENT.

Governor, John G. McCullough; Lieutenant-Governor, Zed S. Stanton; Secretary of State, Fred'k G. Fleetwood; Treasurer, John L. Bacon; Auditor, Horace F. Graham; Adjutant-General, Wm. H. Gilmore; Superintendent of Education, W. E. Ranger—all Republicans.

JUDICIARY.

Supreme Court: Chief Justice, John W. Rowell; Assistant Justices, Loveland Munson, John H. Watson, H. R. Start, Jas. M. Tyler, and Seneca Hazelton, Dem.; Clerk, M. E. Smilie—all Republicans, except one.

STATE LEGISLATURE, 1903.

Senate. House. Joint Ballot.

|                        |    |     |     |
|------------------------|----|-----|-----|
| Republicans .....      | 25 | 192 | 217 |
| Democrats .....        | 5  | 43  | 53  |
| Independent .....      | 1  | 1   | 1   |
| Labor.....             | 1  | 1   | 1   |
| Republican majority .. | 20 | 142 | 162 |

VOTE OF THE STATE SINCE 1872.

|                 | Dem.   | Rep.   | Gr.     | Pro.  | Plu.      |
|-----------------|--------|--------|---------|-------|-----------|
| 1872. Pres..... | 10,927 | 41,481 | ....    | ....  | *30,554 R |
| 1876. Pres..... | 20,350 | 44,428 | ....    | ....  | *27,078 R |
| 1880. Pres..... | 13,316 | 45,567 | ....    | ....  | *34,251 R |
| 1884. Pres..... | 17,331 | 39,514 | 785     | 1,752 | 22,183 R  |
| 1888. Pres..... | 16,788 | 45,192 | ....    | 1,460 | 28,404 R  |
| 1890. Gov.....  | 19,290 | 33,462 | ....    | 1,161 | 14,163 R  |
| 1892. Pres..... | 16,325 | 37,992 | ....    | 1,415 | 21,669 R  |
| 1894. Gov.....  | 14,142 | 42,663 | 740     | 457   | 28,521 R  |
|                 |        |        | N. D.   |       |           |
| 1896. Pres..... | 10,637 | 51,127 | 1,331   | 733   | 40,490 R  |
| 1898. Gov.....  | 14,686 | 38,555 | ....    | 1,075 | 23,869 R  |
|                 |        |        | Soc. D. |       |           |
| 1900. Gov.....  | 17,129 | 48,441 | 567     | 950   | 31,312 R  |
| 1900. Pres..... | 12,849 | 42,568 | ....    | 368   | 29,719 R  |
| 1902. Gov.....  | 7,364  | 31,864 | ....    | 2,498 | 24,500 R  |

\* Majority.

VIRGINIA.

| COUNTIES AND CITIES. (118.) | GOVERNOR, 1901. |            | PRESIDENT, 1900. |                 | Wool-ley, Pro. |
|-----------------------------|-----------------|------------|------------------|-----------------|----------------|
|                             | Mon-tague, Dem. | Hoge, Rep. | Bryan, Dem.      | Mc-Kinley, Rep. |                |
| Accomac .....               | 1,688           | 768        | 3,210            | 1,460           | 69             |
| Alleghany .....             | 681             | 1,165      | 2,411            | 1,451           | 37             |
| Albemarle .....             | 1,502           | 1,250      | 2,441            | 1,671           | 20             |
| Alexandria City .....       | 1,363           | 706        | 2,003            | 955             | 6              |
| Alexandria Co. ....         | 285             | 300        | 413              | 421             | 2              |
| Amelia .....                | 529             | 482        | 608              | 858             | 12             |
| Amherst.....                | 1,358           | 706        | 1,516            | 990             | 4              |
| Appomattox.....             | 758             | 114        | 1,082            | 457             | 5              |
| Augusta .....               | 1,726           | 1,759      | 2,869            | 2,519           | 185            |
| Bath .....                  | 375             | 418        | 422              | 454             | 5              |
| Bedford.....                | 1,758           | 1,351      | 2,585            | 1,983           | 84             |
| Blair .....                 | 494             | 488        | 513              | 465             | 3              |
| Botetourt.....              | 1,100           | 944        | 1,333            | 1,329           | 25             |
| Bristol City .....          | 479             | 217        | 737              | 281             | 13             |
| Brunswick .....             | 1,345           | 729        | 1,064            | 1,177           | 5              |
| Buchanan .....              | 458             | 457        | 587              | 694             | 13             |
| Buckingham.....             | 973             | 318        | 942              | 922             | 14             |
| Buena Vista City ..         | 184             | 123        | 215              | 204             | 5              |
| Campbell.....               | 1,079           | 893        | 1,339            | 1,288           | 7              |
| Caroline .....              | 1,071           | 804        | 1,077            | 1,144           | 14             |
| Carroll.....                | 1,052           | 1,570      | 1,434            | 1,759           | 9              |
| Charles City .....          | 100             | 118        | vote t           | hrow n          | out            |
| Charlotte .....             | 1,049           | 247        | 1,011            | 323             | 3              |
| Charlottesville.....        | 508             | 210        | 731              | 361             | 11             |
| Chesterfield .....          | 1,024           | 677        | 1,368            | 884             | 22             |
| Clarke .....                | 556             | 273        | 1,055            | 426             | 30             |
| Craig .....                 | 373             | 174        | 415              | 265             | 38             |
| Culpeper.....               | 1,009           | 657        | 1,512            | 847             | 1              |
| Cumberland.....             | 557             | 118        | 537              | 205             | 1              |
| Danville .....              | 1,187           | 102        | 1,575            | 310             | 87             |
| Dickenson.....              | 613             | 532        | 737              | 693             | ...            |
| Drummond.....               | 1,041           | 280        | 990              | 508             | 6              |
| Elizabeth City .....        | 1,077           | 382        | 1,027            | 697             | 8              |
| Essex .....                 | 679             | 449        | 731              | 590             | 1              |
| Fairfax .....               | 1,354           | 1,053      | 2,136            | 1,507           | 14             |
| Fauquier .....              | 1,897           | 1,055      | 2,610            | 1,377           | 8              |
| Floyd .....                 | 522             | 1,153      | 648              | 1,566           | 4              |
| Fluvanna .....              | 697             | 507        | 790              | 678             | 13             |
| Franklin .....              | 1,487           | 1,535      | 1,785            | 1,702           | 24             |
| Frederick .....             | 799             | 400        | 1,748            | 671             | 21             |
| Fredericksburg.....         | 530             | 262        | 587              | 353             | 3              |
| Giles .....                 | 976             | 749        | 1,010            | 858             | 36             |
| Gloucester.....             | 864             | 356        | 484              | 354             | 1              |
| Goochland.....              | 569             | 654        | 602              | 876             | ...            |
| Grayson .....               | 998             | 1,172      | 1,252            | 1,585           | 2              |
| Greene .....                | 356             | 483        | 511              | 469             | ...            |
| Greensville.....            | 635             | 227        | 740              | 547             | 4              |
| Halifax .....               | 2,156           | 926        | 2,864            | 1,632           | 45             |
| Hanover .....               | 1,089           | 719        | 1,203            | 1,201           | 14             |
| Henrico .....               | 1,332           | 364        | 2,189            | 1,049           | 25             |
| Henry .....                 | 835             | 1,221      | 1,356            | 1,267           | 17             |
| Highland .....              | 359             | 350        | 512              | 640             | 11             |
| Isle of Wight.....          | 1,329           | 237        | 1,206            | 763             | ...            |
| James City .....            | 371             | 321        | 294              | 255             | 1              |
| King George.....            | 297             | 567        | 480              | 642             | 3              |
| King and Queen.....         | 641             | 415        | 796              | 614             | 2              |
| King William.....           | 423             | 700        | 462              | 971             | 8              |
| Lancaster.....              | 854             | 347        | 971              | 508             | 7              |
| Lee .....                   | 1,070           | 1,102      | 1,493            | 1,392           | 6              |
| Loudoun.....                | 1,809           | 1,127      | 2,690            | 1,684           | 119            |
| Louisa .....                | 1,105           | 517        | 1,169            | 1,187           | 22             |
| Lunenburg.....              | 588             | 121        | 634              | 343             | 9              |
| Lynchburg.....              | 1,086           | 374        | 1,081            | 660             | ...            |
| Madison .....               | 793             | 531        | 986              | 664             | 14             |
| Manchester.....             | 612             | 85         | 647              | 442             | 34             |
| Mathews.....                | 710             | 124        | 726              | 294             | 40             |
| Mecklenburg.....            | 1,375           | 1,802      | 1,697            | 1,855           | 4              |
| Middlesex.....              | 675             | 365        | 686              | 640             | 56             |
| Montgomery.....             | 954             | 1,310      | 1,102            | 1,391           | 5              |
| Nansemond.....              | 1,071           | 621        | 1,481            | 992             | 12             |
| Nelson .....                | 1,249           | 927        | 1,530            | 1,163           | 4              |
| New Kent.....               | 200             | 266        | 382              | 447             | 1              |
| Norfolk City .....          | 3,751           | 1,662      | 3,883            | 2,301           | 39             |
| Norfolk Co.....             | 2,714           | 3,172      | 2,415            | 3,024           | 5              |
| Newport News.....           | 1,377           | 408        | 1,896            | 1,100           | 15             |
| Northampton.....            | 900             | 379        | 1,180            | 896             | 12             |
| Northumberland.....         | 640             | 729        | 809              | 807             | 7              |
| Nottoway.....               | 994             | 55         | 1,076            | 489             | 13             |

VIRGINIA—Continued.

| COUNTIES AND CITIES. | GOVERNOR, 1901. |            | PRESIDENT, 1900. |                |               |  |
|----------------------|-----------------|------------|------------------|----------------|---------------|--|
|                      | Montague, Dem.  | Hoge, Rep. | Bryan, Dem.      | McKinley, Rep. | Woolley, Pro. |  |
| Orange               | 1,051           | 674        | 1,100            | 929            | 19            |  |
| Page                 | 637             | 1,035      | 1,041            | 1,214          | 26            |  |
| Patrick              | 570             | 868        | 1,026            | 1,281          | 8             |  |
| Petersburg           | 1,302           | 88         | 1,589            | 668            | 9             |  |
| Pittsylvania         | 1,904           | 1,644      | 3,758            | 2,328          | 59            |  |
| Portsmouth           | 1,458           | 523        | 1,743            | 566            | 14            |  |
| Powhatan             | 420             | 615        | 458              | 582            | 1             |  |
| Prince Edward        | 670             | 250        | 843              | 574            | ..            |  |
| Prince George        | 282             | 96         | 367              | 301            | ..            |  |
| Prince William       | 820             | 451        | 1,351            | 680            | ..            |  |
| Princess Anne        | 542             | 143        | 743              | 327            | 2             |  |
| Pulaski              | 842             | 1,142      | 1,048            | 1,244          | ..            |  |
| Radford City         | 213             | 133        | 257              | 192            | 5             |  |
| Rappahannock         | 637             | 692        | 813              | 502            | 7             |  |
| Richmond City        | 5,386           | 349        | 6,095            | 2,722          | 71            |  |
| Richmond Co.         | 425             | 196        | 692              | 574            | 3             |  |
| Roanoke City         | 1,704           | 1,243      | 1,761            | 1,120          | 53            |  |
| Roanoke Co.          | 794             | 1,049      | 942              | 1,188          | 58            |  |
| Rockbridge           | 1,470           | 1,673      | 1,658            | 2,223          | 22            |  |
| Rockingham           | 2,076           | 2,649      | 2,852            | 2,572          | 103           |  |
| Russell              | 1,448           | 830        | 1,966            | 1,377          | 6             |  |
| Scott                | 1,465           | 1,211      | 1,813            | 1,659          | 3             |  |
| Shenandoah           | 1,451           | 1,848      | 1,965            | 1,862          | 40            |  |
| Smyth                | 1,193           | 1,336      | 1,252            | 1,794          | 12            |  |
| Southampton          | 1,580           | 419        | 1,708            | 610            | 15            |  |
| Spottsylvania        | 657             | 640        | 774              | 817            | 5             |  |
| Stafford             | 614             | 956        | 645              | 867            | 70            |  |
| Stanton              | 535             | 244        | 612              | 375            | 70            |  |
| Surry                | 593             | 205        | 839              | 473            | 29            |  |
| Sussex               | 622             | 218        | 733              | 430            | 1             |  |
| Tazewell             | 890             | 1,765      | 1,312            | 2,663          | 8             |  |
| Warren               | 620             | 220        | 1,008            | 462            | 19            |  |
| Warwick              | 594             | 197        | 526              | 336            | ..            |  |
| Washington           | 1,756           | 1,620      | 2,291            | 2,498          | 10            |  |
| Westmoreland         | 597             | 316        | 691              | 597            | 10            |  |
| Williamsburg         | 150             | 37         | 161              | 88             | 7             |  |
| Winchester           | 338             | 304        | 593              | 423            | 10            |  |
| Wise                 | 954             | 1,212      | 1,215            | 1,725          | 15            |  |
| Wythe                | 1,581           | 1,448      | 1,607            | 1,932          | 6             |  |
| York                 | 356             | 103        | 551              | 631            | ..            |  |
| Total                | 116,682         | 81,366     | 146,080          | 115,865        | 2,150         |  |
| Plurality            | 35,316          |            | 30,215           |                |               |  |
| Percent              | 58.14           | 40.57      | 55.31            | 43.87          | 0.81          |  |
| Scattering           | 2,471           |            |                  |                |               |  |
| Whole vote           | 200,509         |            | 264,095          |                |               |  |

The scattering vote for Governor in 1901 was: Rucker, Pro., 1,896; Quantz, Soc., 280; McTier, Soc., 285.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1902.

- Districts.*
- I. Counties of Accomac, Carolina, Essex, Gloucester, King and Queen, Lancaster, Matthews, Middlesex, Northampton, Northumberland, Richmond, Spottsylvania, Westmoreland, and the city of Fredericksburg. W. A. Jones, Dem., 7,381; M. A. Coles, Rep., 3,762. Coles' majority, 4,619.
- II. Counties of Charles City, Elizabeth City, Isle of Wight, James City, Nansemond, Norfolk, Princess Anne, Southampton, Surry, Warwick, York, and the cities of Norfolk, Portsmouth, Williamsburg, and Newport News. H. L. Maynard, Dem., 9,746; R. M. Hughes, Rep., 2,917. Maynard's majority, 6,829.
- III. Counties of Chesterfield, Goochland, Hanover, Henrico, King William, New Kent, and the cities of Richmond and Manchester. John Lamb, Dem., 5,200; W. E. Talley, Rep., 209; B. W. Edwards, Rep., 969. Lamb's plurality, 4,231.
- IV. Counties of Amelia, Brunswick, Dinwiddie, Greensville, Lunenburg, Mecklenburg, Nottingham, Powhatan, Prince Edward, Prince George, Sussex, and the city of Petersburg. R. G. Southall, Dem., 5,715. No opposition.

VIRGINIA—Continued.

- V. Counties of Carroll, Floyd, Franklin, Grayson, Henry, Patrick, Pittsylvania, and the city of Danville. C. A. Swanson, Dem., 10,368; B. A. Davis, Rep., 6,414. Swanson's majority, 3,954.
- VI. Counties of Bedford, Campbell, Charlotte, Halifax, Montgomery, Roanoke, and the cities of Lynchburg, Radford, and Roanoke. Carter Glass, Dem., 6,345; J. L. Graham, Pro., 1,418. Glass' majority, 4,927.
- VII. Counties of Albemarle, Clarke, Frederick, Greene, Madison, Page, Rappahannock, Rockingham, Shenandoah, Warren, and the cities of Charlottesville and Winchester. James Hay, Dem., 8,461; S. J. Huffman, Rep., 4,622. Hay's majority, 3,839.
- VIII. Counties of Alexandria, Culpeper, Fairfax, Fauquier, King George, Loudoun, Louisa, Orange, Prince William, Stafford, and the city of Alexandria. John F. Rixey, Dem., 6,618; B. Skinner, Rep., 2,011. Rixey's majority, 4,607.
- IX. Counties of Bland, Buchanan, Craig, Dickenson, Giles, Lee, Pulaski, Russell, Scott, Smyth, Tazewell, Washington, Wisa, Wythe, and the city of Bristol. W. F. Rice, Dem., 13,476; H. C. Slemper, Rep., 13,694. Slemper's majority, 218.
- X. Counties of Alleghany, Amherst, Appomattox, Augusta, Bath, Botetourt, Buckingham, Cumberland, Fluvanna, Highland, Nelson, Rockbridge, and the cities of Staunton and Buena Vista. H. D. Flood, Dem., 9,129; James Lyons, 4,235. Flood's majority, 4,894.

STATE LEGISLATURE, 1903.

|                              | Senate. | House. | Joint Ballot. |
|------------------------------|---------|--------|---------------|
| Democrats                    | 38      | 93     | 131           |
| Independents and Republicans | 2       | 7      | 9             |
| Democratic majority          | 36      | 86     | 122           |

PRESENT STATE GOVERNMENT.

Governor, A. J. Montague; Lieutenant-Governor, J. E. Willard; Secretary of State, D. O. Eggleston; First Auditor, Morton Marye; Second Auditor, Josiah Ryland, Jr.; Treasurer, A. W. Harman, Jr.; Superintendent of Free Schools, J. W. Southall; Attorney-General, W. A. Anderson—all Democrats.

JUDICIARY.

Supreme Court of Appeals: President, James Keith; Justices, S. G. Whittle, John A. Buchanan, George M. Harrison, and Richard H. Cardwell; Clerk of the Court, G. K. Taylor—all Democrats.

VOTE OF THE STATE SINCE 1872.

|            | Dem.     | Rep.    | Pop.   | Pro.  | Maj.             |
|------------|----------|---------|--------|-------|------------------|
| 1872. Pres | 91,654   | 93,468  | ..     | ..    | 1,814 R          |
| 1876. Pres | 101,208  | 76,093  | ..     | ..    | 25,115 D         |
| 1880. Pres | {96,449} | 84,200  | ..     | ..    | *31,527 H        |
| 1884. Pres | 145,497  | 139,356 | ..     | ..    | 138 6,141 D      |
| 1885. Gov  | 152,544  | 136,510 | ..     | ..    | 16,034 D         |
| 1887. Leg  | 119,806  | 119,380 | ..     | ..    | 426 D            |
| 1888. Pres | 151,977  | 150,438 | ..     | ..    | 1,678 †1,539 D   |
| 1889. Gov  | 162,654  | 120,477 | ..     | ..    | 897 †42,177 D    |
| 1892. Pres | 163,977  | 113,262 | ..     | ..    | 12,375 †50,715 D |
| 1893. Gov  | 127,940  | ..      | 81,239 | 6,963 | 139,726 D        |
| 1896. Pres | 154,709  | 135,368 | 2,129  | 2,350 | 119,341 D        |
| 1897. Gov  | 109,655  | 66,840  | ..     | ..    | 3,743 †52,815 D  |
| 1900. Pres | 146,080  | 115,865 | ..     | ..    | 2,150 †30,215 D  |
| 1901. Gov  | 116,682  | 81,366  | ..     | ..    | 1,895 †35,316 D  |

\* Hancock's actual majority in the State, the Democratic and Readjuster vote both being for him. † Plurality.

WASHINGTON.

| COUNTIES.<br>(36.) | JUS. SUP. CT.,<br>1902. |                      | PRESIDENT,<br>1900. |                       |                       |               |  |
|--------------------|-------------------------|----------------------|---------------------|-----------------------|-----------------------|---------------|--|
|                    | Rea-<br>vis.<br>Dem.    | Had-<br>ley,<br>Rep. | Bryan,<br>Dem.      | Mc-<br>Kinley<br>Rep. | Wool-<br>ley,<br>Pro. | Debs,<br>Dem. |  |
| Adams .....        | 644                     | 699                  | 523                 | 461                   | 30                    | 9             |  |
| Asotin .....       | 267                     | 407                  | 328                 | 393                   | 23                    | 3             |  |
| Chehalis .....     | 686                     | 1,714                | 1,081               | 1,850                 | 77                    | 108           |  |
| Chelan .....       | 459                     | 710                  | 575                 | 577                   | 12                    | 11            |  |
| Cllallam .....     | 243                     | 708                  | 407                 | 123                   | 5                     | 51            |  |
| Clarke .....       | 717                     | 1,539                | 1,025               | 1,668                 | 79                    | 90            |  |
| Columbia .....     | 614                     | 821                  | 706                 | 899                   | 27                    | 9             |  |
| Cowlitz .....      | 473                     | 1,123                | 619                 | 1,171                 | 54                    | 16            |  |
| Douglas .....      | 616                     | 761                  | 615                 | 516                   | 20                    | 49            |  |
| Ferry .....        | 438                     | 399                  | 813                 | 423                   | 8                     | 9             |  |
| Franklin .....     | 185                     | 223                  | 81                  | 52                    | 3                     |               |  |
| Garfield .....     | 368                     | 526                  | 437                 | 528                   | 18                    | 17            |  |
| Grant .....        | 112                     | 322                  | 123                 | 263                   | 13                    | 14            |  |
| Island .....       | 355                     | 717                  | 395                 | 687                   | 19                    | 4             |  |
| Jefferson .....    | 5,426                   | 11,276               | 7,836               | 10,218                | 318                   | 263           |  |
| Kittitas .....     | 241                     | 1,108                | 489                 | 880                   | 75                    | 46            |  |
| Klickitat .....    | 770                     | 1,070                | 934                 | 1,139                 | 52                    | 20            |  |
| Lewis .....        | 334                     | 913                  | 496                 | 906                   | 58                    | 22            |  |
| Lewis .....        | 1,179                   | 1,903                | 1,382               | 1,907                 | 94                    | 43            |  |
| Lincoln .....      | 1,273                   | 1,517                | 1,587               | 1,414                 | 66                    | 30            |  |
| Mason .....        | 400                     | 544                  | 457                 | 514                   | 11                    | 13            |  |
| Okanogan .....     | 553                     | 565                  | 714                 | 457                   | 10                    | 17            |  |
| Pacific .....      | 151                     | 846                  | 396                 | 887                   | 27                    | 15            |  |
| Pierce .....       | 2,146                   | 5,607                | 3,702               | 6,269                 | 204                   | 296           |  |
| San Juan .....     | 112                     | 431                  | 245                 | 428                   | 10                    | 6             |  |
| Skagit .....       | 1,045                   | 1,945                | 1,220               | 1,814                 | 65                    | 115           |  |
| Skamania .....     | 110                     | 182                  | 303                 | 175                   | 4                     | 2             |  |
| Spokane .....      | 1,700                   | 3,757                | 2,480               | 2,961                 | 179                   | 64            |  |
| Stevens .....      | 3,373                   | 4,691                | 5,125               | 5,515                 | 306                   | 81            |  |
| Thurston .....     | 1,207                   | 1,373                | 1,612               | 1,121                 | 38                    | 27            |  |
| Wahkiakum .....    | 731                     | 1,323                | 978                 | 1,298                 | 36                    | 57            |  |
| Walla Walla .....  | 166                     | 355                  | 207                 | 396                   | 10                    | 20            |  |
| Walla Walla .....  | 1,135                   | 1,814                | 1,480               | 2,119                 | 61                    | 20            |  |
| Whatcom .....      | 1,237                   | 3,289                | 1,700               | 2,952                 | 145                   | 282           |  |
| Whitman .....      | 1,786                   | 2,905                | 2,826               | 2,366                 | 180                   | 156           |  |
| Yakima .....       | 1,010                   | 1,705                | 1,066               | 1,507                 | 46                    | 65            |  |
| Total .....        | 32,544                  | 59,017               | 44,833              | 57,456                | 2,363                 | 2,006         |  |
| Plurality .....    | 16,473                  | 6,407                | 12,623              | ...                   | ...                   | ...           |  |
| Per cent .....     | 33 50                   | 60 37                | 41 69               | 53 43                 | 2 19                  | 1 87          |  |
| Scattering .....   | 5,575                   | ...                  | ...                 | 866                   | ...                   | ...           |  |
| Whole vote .....   | 97,136                  | ...                  | ...                 | 107,524               | ...                   | ...           |  |

For Governor, 1902: Mill, Soc., 4,739; Hoag, Soc. L., 834.  
The vote for Governor in 1900 was: Rogers, Dem., 51,944;  
Frink, Rep., 49,860; scattering, 4,621.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1903.

Cotterill, Dem., 34,305; Holcomb, Dem., 32,118; Cole,  
Dem., 32,968; Jones, Rep., 59,095; Cushman, Rep., 59,366;  
Humphrey, Rep., 58,323; Scurlock, Soc., 4,598; Bugiss, Soc.,  
4,632; Scott, Soc., 4,664; scattering, Pro., 1,783; Soc. L., 806.

PRESENT STATE GOVERNMENT.

Governor, Henry G. McBride, Rep.; Secretary of  
State, Sam. H. Nichols, Rep.; Treasurer, C. W.  
Maynard, Rep.; Auditor, J. D. Atkinson, Rep.;  
Adjutant-General, J. A. Drain, Dem.; Attorney-  
General, W. B. Stratton, Rep.; Supt. Education,  
W. B. Bryan, Rep.; Com. Public Lands, S. A. Cal-  
vert, Rep.

JUDICIARY.

Supreme Court: Chief Justice, M. A. Fullerton,  
Associate Justices, R. O. Dunbar, T. J. Anders,  
Wallace Mount, H. E. Hadley, Reprs.; Clerk, C. S.  
Reinhart.

STATE LEGISLATURE, 1903.

Senate. House. Joint Ballot.

|                           |    |    |     |
|---------------------------|----|----|-----|
| Republicans .....         | 33 | 81 | 114 |
| Democrats .....           | 9  | 13 | 22  |
| Republican majority ..... | 24 | 68 | 92  |

VOTE OF THE STATE SINCE ADMISSION.

|                           | Dem.   | Rep.   | Pop.   | Pro.  | Maj.      |
|---------------------------|--------|--------|--------|-------|-----------|
| 1889. Governor .....      | 24,732 | 33,711 | ...    | ...   | 8,979 R   |
| 1892. President .....     | 29,802 | 36,460 | 12,165 | 2,542 | *6,658 R  |
| 1896. President .....     | 51,646 | 39,153 | 1,668  | 968   | *12,493 F |
| 1900. President .....     | 44,833 | 57,456 | ...    | 2,363 | *12,623 R |
| 1902. Jus. Sup. Ct. ..... | 32,544 | 59,017 | 4,739  | ..... | 16,473 R  |

\* Plurality.

WEST VIRGINIA.

| COUNTIES.<br>(55.) | PRESIDENT,<br>1900. |                       |                       |               | PRESIDENT,<br>1896. |                       |
|--------------------|---------------------|-----------------------|-----------------------|---------------|---------------------|-----------------------|
|                    | Bryan,<br>Dem.      | Mc-<br>Kinley<br>R-p. | Wool-<br>ley,<br>Pro. | Debs,<br>Dem. | Bryan,<br>Dem.      | Mc-<br>Kinley<br>Rep. |
| Barbour .....      | 1,579               | 1,840                 | 23                    | ..            | 1,644               | 1,573                 |
| Berkeley .....     | 2,287               | 2,506                 | 23                    | ..            | 2,085               | 2,497                 |
| Boone .....        | 956                 | 767                   | 16                    | ..            | 813                 | 678                   |
| Braxton .....      | 2,103               | 1,894                 | 16                    | ..            | 2,188               | 1,473                 |
| Brooke .....       | 717                 | 1,001                 | 24                    | 3             | 748                 | 955                   |
| Cabell .....       | 3,251               | 3,667                 | 58                    | ..            | 2,959               | 3,038                 |
| Calhoun .....      | 1,268               | 902                   | 7                     | ..            | 796                 | 1,186                 |
| Clay .....         | 718                 | 902                   | 7                     | ..            | 606                 | 661                   |
| Doddridge .....    | 3,222               | 1,893                 | 23                    | 2             | 1,231               | 1,747                 |
| Fayette .....      | 3,250               | 5,404                 | 72                    | 7             | 2,783               | 4,544                 |
| Gilmer .....       | 1,410               | 1,117                 | 14                    | ..            | 1,356               | 1,050                 |
| Grant .....        | 387                 | 1,355                 | 8                     | ..            | 372                 | 1,306                 |
| Greenbrier .....   | 2,455               | 1,870                 | 18                    | ..            | 2,414               | 1,661                 |
| Hampshire .....    | 2,023               | 659                   | 8                     | 1             | 1,908               | 676                   |
| Hancock .....      | 564                 | 863                   | 51                    | ..            | 584                 | 843                   |
| Hardy .....        | 1,292               | 596                   | 4                     | ..            | 1,146               | 547                   |
| Harrison .....     | 2,678               | 3,918                 | 79                    | 3             | 2,485               | 3,027                 |
| Jackson .....      | 2,194               | 2,840                 | 24                    | 5             | 2,266               | 2,529                 |
| Jefferson .....    | 2,727               | 1,297                 | 31                    | 1             | 4,454               | 1,283                 |
| Kanawha .....      | 4,756               | 2,949                 | 66                    | 62            | 4,819               | 6,939                 |
| Lewis .....        | 1,702               | 1,973                 | 68                    | ..            | 1,718               | 1,813                 |
| Lincoln .....      | 1,487               | 1,712                 | ..                    | ..            | 1,305               | 1,334                 |
| Logan .....        | 985                 | 423                   | ..                    | ..            | 992                 | 383                   |
| Marion .....       | 3,612               | 4,351                 | 158                   | ..            | 3,304               | 2,121                 |
| Marshall .....     | 2,132               | 3,790                 | 189                   | 30            | 2,107               | 3,560                 |
| Mason .....        | 2,460               | 3,162                 | 10                    | 9             | 2,493               | 3,066                 |
| Mercer .....       | 2,112               | 2,629                 | 20                    | 6             | 2,322               | 2,889                 |
| Mineral .....      | 1,241               | 1,661                 | 42                    | 1             | 1,107               | 1,543                 |
| Mingo .....        | 1,363               | 898                   | ..                    | ..            | 1,204               | 632                   |
| Monongalia .....   | 1,576               | 2,978                 | 83                    | 4             | 1,454               | 2,683                 |
| Monroe .....       | 1,532               | 1,556                 | 9                     | ..            | 1,579               | 1,323                 |
| Morgan .....       | 586                 | 1,091                 | 25                    | ..            | 432                 | 1,107                 |
| McDowell .....     | 1,218               | 3,761                 | 10                    | 1             | 986                 | 2,632                 |
| Nicholas .....     | 1,254               | 1,051                 | 62                    | ..            | 1,226               | 908                   |
| Ohio .....         | 5,394               | 7,093                 | 105                   | 110           | 5,016               | 6,720                 |
| Pendleton .....    | 1,157               | 927                   | 9                     | ..            | 1,117               | 783                   |
| Pleasants .....    | 1,085               | 1,203                 | ..                    | ..            | 887                 | 922                   |
| Pocahontas .....   | 1,000               | 793                   | ..                    | ..            | 983                 | 632                   |
| Preston .....      | 1,323               | 3,800                 | 42                    | 9             | 1,331               | 3,528                 |
| Putnam .....       | 1,676               | 2,118                 | 9                     | 5             | 1,702               | 1,877                 |
| Raleigh .....      | 1,126               | 1,385                 | 4                     | ..            | 1,103               | 1,150                 |
| Randolph .....     | 2,154               | 1,771                 | ..                    | ..            | 1,969               | 1,427                 |
| Ritchie .....      | 1,571               | 2,512                 | 149                   | 5             | 1,601               | 2,212                 |
| Roane .....        | 2,066               | 2,156                 | 19                    | ..            | 2,126               | 1,848                 |
| Summers .....      | 1,822               | 1,751                 | ..                    | ..            | 1,736               | 1,599                 |
| Taylor .....       | 1,416               | 2,092                 | 11                    | ..            | 1,306               | 1,828                 |
| Tucker .....       | 1,199               | 1,694                 | 20                    | 3             | 1,111               | 1,260                 |
| Tyler .....        | 1,830               | 2,514                 | 22                    | 2             | 1,799               | 2,430                 |
| Upshur .....       | 865                 | 2,401                 | 4                     | ..            | 947                 | 2,280                 |
| Wayne .....        | 2,654               | 2,358                 | ..                    | ..            | 2,443               | 2,631                 |
| Webster .....      | 1,147               | 797                   | ..                    | ..            | 972                 | 769                   |
| Wetzel .....       | 2,664               | 2,083                 | 29                    | 7             | 2,525               | 1,685                 |
| Wirt .....         | 1,156               | 1,235                 | ..                    | ..            | 1,159               | 1,060                 |
| Wood .....         | 3,700               | 4,808                 | ..                    | ..            | 2,485               | 4,044                 |
| Wyoming .....      | 764                 | 898                   | ..                    | ..            | 613                 | 735                   |
| Total .....        | 98,807              | 119,829               | 1,692                 | 268           | 92,927              | 104,414               |
| Plurality .....    | 21,022              | ...                   | ...                   | ...           | 11,487              | ...                   |
| Per cent .....     | 44.74               | 54.23                 | 0.71                  | 0.12          | 46.87               | 52.42                 |
| Scattering .....   | 374                 | ...                   | ...                   | ...           | 1,878               | ...                   |
| Whole vote .....   | 220,870             | ...                   | ...                   | ...           | 199,221             | ...                   |

Barker, M. R. Pop., received 274 votes for Presi-  
dent in 1900.

For President in 1896, Palmer, N. D., had 677  
votes; Levering, Pro., 1,203.

VOTE FOR STATE OFFICERS, 1900.

For Governor: Holt, Dem., 100,226; White, Rep.,  
118,807; Carskadon, Pro., 1,373; Houston, Peo., 266.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1902.

Districts.

I. Counties of Brooke, Hancock, Harrison, Lewis,  
Marshall, Ohio, and Wetzel. McKinney, Dem.,  
16,922; Dovenor, Rep., 19,962. Dovenor's ma-  
jority, 3,940.

WEST VIRGINIA—Continued.

- II. Counties of Barbour, Berkeley, Grant, Hampshire, Hardy, Jefferson, Marion, Mineral, Monongalia, Morgan, Pendleton, Preston, Randolph, Taylor, Tucker. McGraw, Dem., 19,628; Dayton, Rep., 20,969.
- III. Counties of Clay, Fayette, Greenbrier, Kanawha, Monroe, Nicholas, Pocahontas, Summers, Upshur, Webster. Miller, Dem., 17,215; Gaines, Rep., 19,970.
- IV. Counties of Calhoun, Jackson, Pleasants, Ritchie, Roane, Wirt, Wood, Braxton, Doddridge, Gilmer, and Tyler. Chancellor, Dem., 16,988; Woodward, Rep., 19,158.
- V. Counties of Cabell, Lincoln, Mason, McDowell, Mercer, Putnam, Raleigh, Wyoming, Wayne, Boone, Mingo, and Logan. D. E. Johnson, Dem., 17,617; Jos. A. Hughes, Rep., 20,164.

PRESENT STATE GOVERNMENT.

Governor, A. B. White; Secretary of State, W. M. O. Dawson; Treasurer, Peter Silman; Auditor, A. C. Scherr; Attorney-General, B. H. Freer; Superintendent of Schools, T. C. Miller; Adjutant-General, S. B. Baker; Com. of Agriculture, J. O. Thompson; Com. of Labor, J. V. Barton—all Republicans.

JUDICIARY.

Supreme Court of Appeals: President, Henry Brannon; Judges, George Poffenbarger, M. H. Dent, and H. C. McWhorter; Clerk, J. A. Holley—all Democrats except McWhorter, Rep.

STATE LEGISLATURE, 1903.

|                      | Senate. |    | House. Joint Ballot. |  |
|----------------------|---------|----|----------------------|--|
| Republicans          | 24      | 57 | 81                   |  |
| Democrats            | 6       | 29 | 35                   |  |
| Republican majority. | 18      | 28 | 46                   |  |

NOTE OF THE STATE SINCE 1872.

|                  | Dem.           | Rep.    | Gr.   | Pro.  | Maj.      |
|------------------|----------------|---------|-------|-------|-----------|
| 1872. President  | 29,537         | 32,283  | ..... | ..... | 2,746 R   |
| 1876. President  | 56,595         | 42,001  | ..... | ..... | 14,594 D  |
| 1880. President  | 57,391         | 46,243  | 9,079 | ..... | *11,148 D |
| 1884. President  | 67,317         | 63,096  | 805   | 939   | *4,221 D  |
|                  | <i>U. Lab.</i> |         |       |       |           |
| 1888. President  | 78,677         | 78,171  | 1,508 | 1,084 | 506 D     |
| 1890. Sup. Judge | 78,554         | 70,197  | ..... | 898   | 8,357 D   |
|                  | <i>Pop.</i>    |         |       |       |           |
| 1892. President  | 84,467         | 80,293  | 4,166 | 2,145 | 4,174 D   |
|                  | <i>Plu.</i>    |         |       |       |           |
| 1894. Congress   | 76,146         | 89,605  | ..... | ..... | 13,359 R  |
|                  | <i>N. D.</i>   |         |       |       |           |
| 1896. Governor   | 93,974         | 105,477 | ..... | 1,054 | 11,503 R  |
| 1896. President  | 92,927         | 104,414 | 677   | 1,203 | 11,487 R  |
| 1900. Governor   | 100,226        | 118,807 | ..... | 1,373 | 18,581 R  |
| 1900. President  | 98,807         | 119,829 | ..... | 1,692 | 21,022 R  |

\* Plurality.  
Returns unofficial.

WISCONSIN.

| COUNTIES.<br>(70.) | GOVERNOR,<br>1902. |                          | PRESIDENT,<br>1900. |                        |                       |                           |
|--------------------|--------------------|--------------------------|---------------------|------------------------|-----------------------|---------------------------|
|                    | Rose,<br>Dem.      | LaFol-<br>lette,<br>Rep. | Bryan,<br>Dem.      | Mc-<br>Kinley,<br>Rep. | Wool-<br>ley,<br>Pro. | Mal-<br>loney,<br>Soc. L. |
| Adams              | 338                | 1,236                    | 410                 | 1,513                  | 29                    | ..                        |
| Ashland            | 1,732              | 2,230                    | 1,563               | 3,035                  | 106                   | 7                         |
| Baycon             | 620                | 2,174                    | 945                 | 2,499                  | 159                   | ..                        |
| Bayfield           | 426                | 1,892                    | 633                 | 2,428                  | 83                    | 8                         |
| Brown              | 3,283              | 3,654                    | 3,338               | 4,398                  | 194                   | 6                         |
| Buffalo            | 829                | 1,267                    | 1,269               | 2,093                  | 58                    | ..                        |
| Burnett            | 90                 | 865                      | 219                 | 1,112                  | 50                    | 7                         |
| Calumet            | 1,325              | 1,238                    | 1,010               | 1,632                  | 57                    | 1                         |
| Chippewa           | 1,611              | 2,967                    | 2,448               | 4,218                  | 141                   | 2                         |
| Clark              | 1,729              | 2,577                    | 1,157               | 3,855                  | 125                   | 9                         |
| Columbia           | 2,240              | 3,479                    | 2,185               | 4,763                  | 284                   | 3                         |
| Crawford           | 1,572              | 1,746                    | 1,257               | 2,333                  | 46                    | 1                         |
| Dane               | 6,463              | 7,581                    | 6,129               | 9,937                  | 512                   | 5                         |
| Dodge              | 5,343              | 2,810                    | 5,819               | 4,785                  | 177                   | 1                         |
| Door               | 707                | 1,888                    | 677                 | 2,263                  | 57                    | 2                         |
| Douglas            | 1,762              | 2,933                    | 2,194               | 4,450                  | 181                   | 23                        |
| Dunn               | 817                | 1,736                    | 1,113               | 3,046                  | 144                   | ..                        |
| Eau Claire         | 1,597              | 2,762                    | 1,970               | 4,379                  | 184                   | 4                         |

WISCONSIN—Continued.

| COUNTIES.   | GOVERNOR,<br>1902. |                          | PRESIDENT,<br>1900. |                        |                       |                           |
|-------------|--------------------|--------------------------|---------------------|------------------------|-----------------------|---------------------------|
|             | Rose,<br>Dem.      | LaFol-<br>lette,<br>Rep. | Bryan,<br>Dem.      | Mc-<br>Kinley,<br>Rep. | Wool-<br>ley,<br>Pro. | Mal-<br>loney,<br>Soc. L. |
| Florence    | 169                | 267                      | 110                 | 514                    | 17                    | 2                         |
| Fond du Lac | 4,903              | 4,443                    | 5,141               | 6,258                  | 210                   | 1                         |
| Forest      | 272                | 484                      | 95                  | 378                    | 18                    | ..                        |
| Gates       | 222                | 573                      | .....               | .....                  | .....                 | .....                     |
| Grant       | 2,642              | 4,411                    | 3,254               | 5,611                  | 287                   | 3                         |
| Green       | 1,602              | 2,231                    | 1,778               | 2,997                  | 165                   | ..                        |
| Green Lake  | 1,532              | 1,460                    | 1,532               | 2,084                  | 82                    | 1                         |
| Iowa        | 1,794              | 2,659                    | 1,749               | 3,372                  | 204                   | 1                         |
| Iron        | 348                | 1,165                    | 337                 | 1,319                  | 38                    | 1                         |
| Jackson     | 593                | 1,735                    | 652                 | 2,639                  | 103                   | ..                        |
| Jefferson   | 3,843              | 2,492                    | 4,134               | 3,729                  | 203                   | ..                        |
| Juneau      | 1,435              | 2,398                    | 1,586               | 2,914                  | 98                    | ..                        |
| Kenosha     | 1,965              | 1,959                    | 2,105               | 3,078                  | 67                    | 3                         |
| Keweenaw    | 1,718              | 1,302                    | 1,732               | 1,752                  | 31                    | ..                        |
| La Crosse   | 3,800              | 3,806                    | 3,612               | 5,362                  | 198                   | 1                         |
| La Fayette  | 2,144              | 2,976                    | 2,103               | 2,853                  | 153                   | 1                         |
| Langlade    | 1,246              | 1,167                    | 1,085               | 1,586                  | 49                    | 1                         |
| Lincoln     | 1,412              | 1,892                    | 1,554               | 2,147                  | 75                    | 2                         |
| Manitowoc   | 3,376              | 3,584                    | 4,167               | 4,328                  | 139                   | 6                         |
| Marathon    | 3,657              | 3,745                    | 3,770               | 4,729                  | 139                   | 37                        |
| Marquette   | 1,769              | 2,860                    | 1,542               | 4,239                  | 177                   | 4                         |
| Marquette   | 1,045              | 1,266                    | 867                 | 1,580                  | 47                    | ..                        |
| Milwaukee   | 22,403             | 26,790                   | 25,596              | 34,809                 | 751                   | 236                       |
| Monroe      | 1,912              | 2,693                    | 2,248               | 3,713                  | 194                   | ..                        |
| Oconto      | 1,619              | 2,097                    | 1,119               | 2,754                  | 74                    | 9                         |
| Oneida      | 670                | 1,154                    | 712                 | 1,863                  | 39                    | 2                         |
| Outagamie   | 3,287              | 3,806                    | 4,012               | 5,215                  | 225                   | 4                         |
| Ozaukee     | 1,677              | 977                      | 1,665               | 1,282                  | 41                    | 1                         |
| Pepin       | 341                | 611                      | 471                 | 1,099                  | 39                    | ..                        |
| Pierce      | 765                | 1,315                    | 1,042               | 3,433                  | 225                   | 1                         |
| Polk        | 215                | 1,886                    | 665                 | 2,785                  | 73                    | 13                        |
| Portage     | 2,459              | 2,601                    | 2,637               | 3,285                  | 92                    | 2                         |
| Price       | 773                | 1,087                    | 529                 | 1,728                  | 57                    | 3                         |
| Racine      | 3,824              | 4,452                    | 3,857               | 5,928                  | 257                   | 5                         |
| Richland    | 1,419              | 2,080                    | 1,524               | 2,594                  | 231                   | ..                        |
| Rock        | 3,146              | 5,078                    | 3,096               | 8,249                  | 403                   | 8                         |
| St Croix    | 1,896              | 2,408                    | 2,092               | 3,371                  | 202                   | 11                        |
| Sauk        | 2,085              | 2,775                    | 2,484               | 4,329                  | 282                   | 3                         |
| Sawyer      | 467                | 578                      | 307                 | 724                    | 24                    | ..                        |
| Shawano     | 1,393              | 2,298                    | 1,606               | 3,244                  | 68                    | 1                         |
| Sheboygan   | 3,731              | 4,460                    | 4,049               | 5,932                  | 124                   | 48                        |
| Taylor      | 1,050              | 1,026                    | 1,015               | 1,420                  | 23                    | 1                         |
| Trempealeau | 519                | 2,141                    | 1,191               | 3,364                  | 168                   | 1                         |
| Vernon      | 759                | 3,439                    | 1,271               | 4,463                  | 155                   | 2                         |
| Vilas       | 516                | 760                      | 489                 | 1,309                  | 37                    | 1                         |
| Walworth    | 1,488              | 2,838                    | 1,742               | 5,106                  | 293                   | 2                         |
| Washburn    | 252                | 644                      | 253                 | 808                    | 30                    | 1                         |
| Washington  | 2,327              | 2,140                    | 2,526               | 2,617                  | 56                    | 2                         |
| Waukesha    | 3,091              | 3,799                    | 3,017               | 5,129                  | 254                   | 5                         |
| Waupaca     | 1,031              | 3,489                    | 1,384               | 5,284                  | 258                   | 4                         |
| Waushara    | 565                | 2,107                    | 525                 | 2,990                  | 127                   | ..                        |
| Winnebago   | 4,811              | 6,191                    | 5,699               | 7,468                  | 131                   | 9                         |
| Wood        | 1,920              | 2,740                    | 1,880               | 3,136                  | 76                    | 7                         |
| Total       | 145,118            | 192,417                  | 159,285             | 265,866                | 10,124                | 524                       |
| Plurality   | .....              | 47,599                   | .....               | 106,581                | .....                 | .....                     |
| Per cent.   | 39.88              | 52.90                    | 35.96               | 60.02                  | 0.18                  | 0.12                      |
| Scattering  | 26,441             | .....                    | .....               | 7,065                  | .....                 | .....                     |
| Whole vote. | 365,676            | .....                    | .....               | 442,894                | .....                 | .....                     |

For Governor, in 1902, Seidel, Soc. D. R., received 15,970 votes; Drake, Pro., 9,647; Puck, Soc. L., 791.

For President, in 1900, Debs, Soc. Dem., had 7,065 votes.

The vote for Governor in 1900 was: Bohmrich, Dem., 160,764; La Follette, Rep., 264,420; Smith, Pro., 9,707; Tuttle, Soc. Dem., 6,590; Wilke, Soc. L., 7,095.

NOTE FOR REPRESENTATIVES IN CONGRESS, 1902.

*Districts.*

I. Counties of Racine, Kenosha, Walworth, Rock, Green, La Fayette, L. C. Baker, Dem., 12-123; H. A. Cooper, Rep., 20,439; T. W. Worth, Pro., 1,111.

II. Counties of Jefferson, Dane, Columbia, Green, Lake, Marquette, Adams, John Weed, Dem., 14,485; H. C. Adams, Rep., 17,517; C. F. Cronk, Pro.

WISCONSIN—Continued.

- III. Counties of Grant, Crawford, Richland, Sauk, Juneau, Vernon, and Iowa. J. Silbauch, Dem., 11,155; J. W. Babcock, Rep., 19,405; Ed. Olvers, Pro., 1,356.
- IV. County of Milwaukee (part). Donovan, Dem., 13,468; Otjen, Rep., 13,101; Bestorius, Soc., 5,167.
- V. Counties of Milwaukee (part) and Waukesha. Henry Smith, Dem., 10,971; Wm. H. Stafford, Rep., 14,971; V. Berger, Soc., 6,060.
- VI. Counties of Sheboygan, Fond du Lac, Dodge, Washington, and Ozaukee. Chas. H. Weisse, Dem., 17,991; Wm. M. Froelich, Rep., 14,573; J. P. Wilson, Soc., 1,394; George Hill, Pro., 532.
- VII. Counties of Pepin, Buffalo, Trempealeau, Jackson, Eau Claire, Clark, Monroe, and La Crosse. Wm. Cernahan, Dem., 9,543; J. J. Esch, Rep., 18,494; P. E. Sebenthal, Pro., 925.
- VIII. Counties of Portage, Waupaca, Waushara, Winnebago, Calumet, and Manitowish. T. H. Patterson, Dem., 12,651; J. H. Davidson, Rep., 19,553; C. C. Frain, Soc., 880; J. Mathews, Pro., 311.
- IX. Counties of Brown, Keweenaw, Door, Outagamie, Wood, Oconto, and Marinette. Edward Decker, Dem., 11,479; E. S. Minor, Rep., 15,958; C. W. Lonias, Pro., 518.
- IX. Counties of Iron, Vilas, Oneida, Forest, Florence, Langlade, Lincoln, Shawano, Marathon, Taylor, Price, Ashland, and Wood. Bert Williams, Dem., 14,937; W. E. Brown, Rep., 19,554; W. D. Badger, Pro., 659.
- X. Counties of Barron, Bayfield, Burnett, Chipewewa, Douglas, Dunn, Pierce, Polk, Sawyer, St. Croix, Washburn, and Gates. J. A. Rene, Dem., 8,261; J. J. Jenkins, Rep., 19,329; M. Y. Cliff, Pro., 1,077.

PRESENT STATE GOVERNMENT.

Governor, Robert L. Pollette; Lieutenant-Governor, Jessu Stone; Secretary of State, Walter L. Houser; Treasurer, John J. Kempf; Adjutant-General, C. R. Boardman; Attorney-General, L. M. Studevant; Superintendent of Education, C. P. Cary; Commissioner of Insurance, Zeno M. Host; Commissioner of Railroads, John W. Thomas—all Republicans.

JUDICIARY.

Supreme Court: Chief Justice, John B. Cassoday, Rep.; Associate Justices, John B. Winslow, Dem.; C. V. Bardeen, Rep.; J. E. Dodge, Dem., and Ronjet D. Marshall, Rep.; Clerk, Clarence Kellogg, Rep.

STATE LEGISLATURE, 1903.

|                     | Senate. | Assembly. | Joint Ballot. |
|---------------------|---------|-----------|---------------|
| Republicans.....    | 30      | 75        | 105           |
| Democrats.....      | 3       | 24        | 27            |
| Republican majority | 27      | 51        | 81            |

VOTE OF THE STATE SINCE 1872.

|                  | Dem.    | Rep.    | Gr.    | Pro.   | Ptu.      |
|------------------|---------|---------|--------|--------|-----------|
| 1872. President. | 86,477  | 104,988 | .....  | .....  | 18,511 R  |
| 1876. President. | 133,919 | 130,069 | 1,606  | .....  | 6,150 R   |
| 1880. President. | 114,634 | 144,397 | 7,980  | .....  | 29,763 R  |
| 1884. President. | 146,459 | 161,157 | 4,598  | 7,656  | 14,698 R  |
| 1886. Governor.  | 114,529 | 133,274 | 21,467 | 17,059 | 18,718 R  |
| U. Lab.          |         |         |        |        |           |
| 1888. President. | 155,232 | 176,563 | 8,552  | 14,277 | 21,321 R  |
| 1890. Governor.  | 160,388 | 132,068 | 5,447  | 11,246 | 28,320 D  |
| Pop.             |         |         |        |        |           |
| 1892. President. | 177,335 | 170,791 | 9,909  | 13,132 | 6,544 D   |
| 1894. Governor.  | 142,250 | 196,150 | 25,604 | 11,240 | 53,900 R  |
| 1895. Sup. Court | 116,024 | 106,935 | .....  | .....  | 9,089 D   |
| N. D.            |         |         |        |        |           |
| 1896. President. | 165,523 | 268,135 | 4,584  | 7,509  | 102,612 R |
| Pop.             |         |         |        |        |           |
| 1898. Governor.  | 135,353 | 173,137 | 8,577  | 8,073  | 27,784 R  |
| S. L.            |         |         |        |        |           |
| 1900. Governor.  | 160,764 | 264,420 | 6,590  | 9,707  | 108,656 R |
| 1900. President. | 159,285 | 265,886 | 524    | 10,124 | 106,581 R |
| 1902. Governor.  | 145,818 | 193,417 | 15,970 | 9,647  | 47,599 R  |

WYOMING.

| COUNTIES.<br>(13.) | GOVERNOR,<br>1902. |                   | PRESIDENT,<br>1900. |                  |
|--------------------|--------------------|-------------------|---------------------|------------------|
|                    | Beck,<br>Dem.      | Richards,<br>Rep. | Bryan,<br>Dem.      | McKinley<br>Rep. |
| Albany.....        | 941                | 1,173             | 1,101               | 1,540            |
| Big Horn.....      | 777                | 991               | 479                 | 843              |
| Carbon.....        | 997                | 1,864             | 1,156               | 1,757            |
| Converse.....      | 429                | 816               | 406                 | 795              |
| Crook.....         | 557                | 730               | 531                 | 692              |
| Freemont.....      | 622                | 816               | 549                 | 919              |
| Johnson.....       | 446                | 566               | 440                 | 466              |
| Laramie.....       | 1,512              | 1,902             | 1,538               | 2,181            |
| Natrona.....       | 334                | 616               | 267                 | 520              |
| Sheridan.....      | 839                | 1,193             | 988                 | 1,014            |
| Sweetwater.....    | 708                | 1,103             | 748                 | 1,101            |
| Uinta.....         | 1,579              | 2,216             | 1,726               | 2,102            |
| Weston.....        | 276                | 527               | 358                 | 548              |
| Total.....         | 10,017             | 14,483            | 10,164              | 14,482           |
| Plurality.....     | .....              | 4,466             | .....               | 4,318            |
| Per cent.....      | 39.98              | 57.81             | 41.47               | 58.48            |
| Scattering.....    | .....              | 552               | .....               | 813              |
| Whole vote.....    | 25,052             | .....             | 25,459              | .....            |

For Governor in 1902 Breitenstein, Soc., received 552 votes.

VOTE FOR REPRESENTATIVE IN CONGRESS, 1902.  
At Large—Charles P. Clemmons, Dem., 8,892; Frank W. Mandell, Rep., 15,808.

PRESENT STATE GOVERNMENT.

Governor, De Forest Richards; Secretary of State, F. Chatterton; Treasurer, Henry G. Hay; Auditor, Leroy Grant; Adjutant-General, Frank A. Stitzer; Attorney-General, J. A. Van Orsdel; Superintendent of Education, T. T. Tynan—all Republicans.

JUDICIARY.

Supreme Court: Chief Justice, S. T. Corn, Dem.; Associate Justices, C. N. Potter, Rep., and Jesse Knight, Rep.; Clerk, R. C. Morris

STATE LEGISLATURE, 1903.

|                       | Senate. | House. | Joint Ballot. |
|-----------------------|---------|--------|---------------|
| Republicans.....      | 20      | 46     | 66            |
| Democrats.....        | 3       | 4      | 7             |
| Republican majority.. | 17      | 42     | 59            |

VOTE OF THE STATE SINCE ADMISSION.

|                   | Dem.   | Rep.   | Pop.  | Pro.  | Maj.      |
|-------------------|--------|--------|-------|-------|-----------|
| 1890. Governor..  | 7,153  | 8,879  | ..... | ..... | 1,726 R   |
| 1892. President.. | 8,454  | 7,722  | 530   | ..... | 732 R     |
| 1892. Governor..  | 8,442  | 7,446  | ..... | 415   | 1,691 D P |
| Ptu.              |        |        |       |       |           |
| 1894. Governor..  | 6,965  | 10,149 | 2,176 | ..... | 3,184 R   |
| 1896. President.. | 10,655 | 10,072 | ..... | 136   | 583 D     |
| 1898. Governor..  | 8,989  | 10,383 | 431   | ..... | 1,394 R   |
| 1900. President.. | 10,164 | 14,482 | ..... | ..... | 4,318 R   |
| Soc.              |        |        |       |       |           |
| 1902. Governor..  | 10,017 | 14,483 | 552   | ..... | 4,466 R   |

HAWAII.

Vote for Delegate to Congress, 1902: At Large—Robert W. Wilcox, Dem., 4,700; Jonah Kalanialualoa, Rep., 6,500.

Vote for Delegate to Congress, 1900: David, Dem., 1,567; Porter, Rep., 3,783; Wilcox, Ind., 39,000.

Present Territorial Government: Governor, Sanford B. Dole; Secretary of Territory, H. E. Cooper; Treasurer, Auditor (acting), H. E. Cooper; Attorney-General (acting), S. B. Dole; Chief Justice Supreme Court, W. P. Frear. Treasurer and Auditor absconded, and offices have not yet been filled.

In the Territorial Legislature the Republicans have 30 majority on joint ballot.

PORTO RICO.

Present State Government: Governor, Wm. H. Hunt; Secretary, Charles Hartzell; Treasurer, Wm. F. Willoughby; Auditor, John R. Garrison; Commissioner of Interior, Wm. H. Elliott; Commissioner of Education, Martin G. Brumbaugh; Attorney-General, James S. Harlan; Commissioner Resident to U. S. from Porto Rico, Federico Degatua.

The next session of the Legislative Assembly, composed of the Executive Council and the House of Delegates, will be January 1, 1903.

At the election for a Commissioner to the United States in 1900 Manuel R. Gatel, Fed.-Dem., received 143 votes, and Federico Degatua, Rep., 56,367.

At an election held in 1902, Federico Degatua was re-elected Commissioner Resident, Washington, D. C., by a majority of 40,000. The Legislature is unanimously Republican in both branches.



## LIST OF OFFICIALS AND SALARIES.

(Subject to change.)

**Mayor.**—Seth Low (\$15,000).  
**Secretary.**—J. B. Reynolds, 6 City Hall (\$5,000).

**Bureau of Licenses.**—1 City Hall.  
**Chief.**—George W. Brown, Jr. **Deputy.**—Henry O. Carey.

### Borough Presidents.

**Manhattan Borough.**—Jacob A. Cantor, 10 City Hall (\$7,500); George W. Blake, *Secretary* (\$4,000).  
**Bronx Boro.**—L. F. Haften (\$5,000), 3d Ave. and 17th St.; M. J. Garvin, *Secretary* (\$3,500).  
**Brooklyn Boro.**—J. Edward Swanstrom (\$5,000), 1 Boro. Hall; Justin McCarthy, *Secretary* (\$3,500).  
**Queens Boro.**—Joseph Cassidy (\$3,000), L. I. City.  
**Richmond Boro.**—George Cromwell (\$3,000), New Brighton.

### Aldermen.

**President.**—Chas. V. Fornes. **Vice-President.**—James H. McInnes. P. J. Scully, *City Clerk* and *Clerk of the Board of Aldermen* (\$7,000). N. J. Hayes, *1st Deputy* (\$5,000). **Chief Clerk.**—Michael F. Blake (\$5,000). Aldermen receive \$1,000 salary per year.

### BOROUGH AND DISTRICTS.

**Manhattan Borough.**—1, Michael Kennedy; 2, Thomas F. Foley; 3, Patrick Higgins; 4, Isaac Marks; 5, Charles P. Howland; 6, Timothy P. Sullivan; 7, Charles W. Cuklin; 8, Max J. Porges; 9, Frank L. Dowling; 10, Leopold W. Harburger; 11, Reginald S. Dault; 12, James J. Devlin; 13, Charles Metzger; 14, John J. Hagerty; 15, Frederick Richter; 16, John H. Donohue; 17, John J. Twomey; 18, James E. Gaffney; 19, David M. Holmes; 20, William J. Whitaker; 21, Armitage Mathews; 22, Samuel H. Jones; 23, Thomas F. Baldwin; 24, John L. Florence; 25, John C. Klett; 26, John V. Coggey; 27, Herbert Parsons; 28, Patrick Chambers; 29, Joseph Oatman; 30, John T. McCall; 31, Franklin B. Ware; 32, John A. Schappert; 33, Elias Goodman; 34, James C. Meyers; 35, John J. Deltz; 36, Thomas F. McCaul; 37, James Owens.

**Bronx Borough.**—38, John L. Goldwater; 39, Philip Harnischfeger; 40, Jacob Leitner; 41, William D. Peck; 42, Frederick W. Longfellow; 43, Frank Gass; 44, John H. Bernmann.

**Brooklyn Borough.**—45, Robert F. Downing; 46, John J. Bridges; 47, Moses J. Wafer; 48, David S. Stewart; 49, Peter Holler; 50, John Diemer; 51, Patrick H. Malone; 52, Frederick Lundy; 53, Francis P. Kenney; 54, Andrew M. Gillen; 55, Webster R. Walkley; 56, Noah Tebbetts; 57, Ernest A. Seebeck, Jr.; 58, William Dickinson; 59, Patrick S. Keeley; 60, Frederick Brenner; 61, William Wentz; 62, John Wirth; 63, James H. McInnes; 64, Joseph A. Bill; 65, Frank Bennett; 66, Charles Alt.

**Queens Borough.**—67, Nicholas Nehrbauer; 68, John E. McCarthy; 69, William T. James; 70, Henry Willett.

**Richmond Borough.**—71, Joseph H. Maloy; 72, John D. Gillies; 73, Cornelius A. Shea.

### Coroners.—Criminal Courts Building.

**Manhattan Borough.**—Gustav Scholer, Solomon Goldenkranz, M. J. Jackson, Nicholas T. Brown (\$6,000 each).

**Secretary.**—Stephen N. Simonson (\$3,000).

**Bronx Borough.**—William O'Gorman, Jr., and Joseph J. Berry (\$6,000 each).

**Brooklyn Borough.**—P. T. Williams and M. J. Flaherty (\$6,000 each).

**Queens Borough.**—Samuel D. Nutt and Leonard Rouff, Jr., Jamaica, L. I. (\$4,000 each).

**Richmond Borough.**—G. F. Schaeffer and G. C. Trantor (\$4,000 each).

### Department of Finance.—Stewart Building.

**Comptroller.**—Edward M. Grout (\$15,000).

**Deputy.**—N. T. Phillips (\$7,000).

**Deputy.**—James W. Stevenson (\$6,000).

**Assistant Deputy.**—Hubert L. Smith (\$4,500).

**Chief Auditor of Accounts.**—William McKinny (\$5,000), 27 Stewart Building.

**Collector of Assessments and Arrears.**—William E. McFadden, 81 Stewart Building (\$4,000).

**Receiver of Taxes.**—David E. Austen, 57 Chambers Street (\$5,000).

**Collector of City Revenue and Superintendent of Markets.**—Wm. T. Goudie (Manhattan), 139 Stewart Building (\$4,000).

**City Paymaster.**—John H. Timmerman, 83 Chambers Street (\$5,000).

**CITY CHAMBERLAIN.**—E. R. L. Gould, 63 Stewart Building (\$12,000).

**Deputy.**—John H. Campbell (\$7,500).

### Public Works and Other Departments.

**Commissioner Public Works.**—George Livingston, Assistant.—Fritz Guertler. **Chief Engineer.**—Geo. R. Olney.

**Superintendent of Highways.**—James G. Collins. **Supt. Public Bldgs. and Offices.**—Wm. H. Walker.

**Superintendent of Sewers.**—William H. Michales.

**Supt. Baths and Public Comfort Stations.**—W. W. Weeks.

**Chief Engineer of Sewers.**—Horace Loomis.

**Commissioner of Public Works (Borough Hall, Brooklyn Borough).**—William C. Redfield (\$6,000).

**Assistant.**—Otto Kempner (\$5,000). **Secretary.**—A. C. Aubrey (\$2,500).

**Chief Engineer Bureau of Highways (Brooklyn Borough).**—G. W. Tillson (\$5,000).

**Supt. Sewers (Brooklyn Borough).**—John Thatcher (\$5,000).

**Supt. Public Bldgs. and Offices (Brooklyn Boro.).**—F. J. Helmle (\$5,000).

**Commissioner of Water Supply, Gas, and Electricity.**—Robert G. Monroe (\$7,500).

**Deputy.**—William A. De Long.

**Commissioner of Bridges.**—Gustav Lindenthal (\$7,500). **Deputy.**—N. L. Robinson (\$4,500).

**Commissioner of Street Cleaning.**—John McGaw Woodbury (\$7,500). **Deputy.**—F. M. Gibson.

**Tenement-House Commissioner.**—R. W. DeForest, 61, Irving Place (\$7,500). **Deputies.**—L. Veiller and W. C. Bush (\$4,000 each).

### Department of Police.

Central Office, 300 Mulberry Street. House for Detention of Witnesses, 203 Mulberry Street.

**Commissioner.**—Francis Vinton Greene (\$7,500).

**Deputy.**—F. H. Ebsteln (\$4,000).

**Second Deputy.**—Alexander R. Piper (\$4,000).

**Inspectors.**—W. W. McLaughlin (\$5,000), M. W. Cortright, E. P. Clayton (\$5,000), P. H. McLaughlin (\$5,000 each); Nicholas Brooks, John J. Harley, A. A. Cross, W. L. Thompson, J. H. Grant, Thos. L. Druhan, John Brennan, Thos. Murphy, Donald Grant, James Kane (\$3,500 each).

**Acting Inspector.**—James Campbell (\$2,750).

**Chief Clerk.**—William H. Kipp (\$5,000).

### Department of Health.

S. W. cor. 55th St. and 6th Ave.

**President and Commissioner.**—Ernst J. Lederle (\$7,500). The Commissioner of Police and Health Officer of Port of New York *ex-officio*.

**Secretary.**—Caspar Golderman (\$5,000).

**Sanitary Supt.**—C. F. Roberts (\$5,000). **Assistant.**—F. H. Dillingham (\$3,500).

**Assistant Sanitary Superintendent, Borough of Bronx.**—Edward F. Hurd (\$3,500).

**Assistant Sanitary Superintendent, Brooklyn Borough.**—Joseph H. Raymond (\$3,500).

### Law Department.—Tryon Row

**Corporation Counsel.**—George L. Rives (\$15,000).

**First Assistant.**—Theodore Conolly (\$10,000).

**Assistant Corporation Counsel for Brooklyn Borough.**—James McKeen (\$10,000).

**Bureau of Street Openings.**—John P. Dunn, 90 West Broadway.

**Bureau for Collection of Arrears of Personal Taxes.**—Martin Saxe, 280 Broadway.

**Bureau for Collection of Penalties.**—Arthur F. Cosby, 119 Nassau St.

**Commissioners of the Sinking Fund.**—

The Mayor, **Chairman.** Comptroller, Chamberlain, President Board of Aldermen, **Chairman Finance Committee, Board of Aldermen.**

**Secretary.**—N. Taylor Phillips.

**Department of Fire.**—157 E. 67th St.

*Commissioner.*—Thomas Sturgis (\$7,500).  
*Deputy for Brooklyn and Queens Boroughs.*—James H. Tully (\$5,000).  
*Acting Chief Department.*—Chas. D. Purroy (\$6,000)  
*Deputy Chief.*—Jas. Dale (Brooklyn and Queens).  
*Fire Marshals.*—Peter Seery (Manhattan, Bronx, and Richmond); ————— (Brooklyn and Queens) (\$3,000).

*Secretary.*—Wm. Leary (\$4,800).  
**Department of Parks.**—Arsenal, Central Park.  
*President and Commissioner of Manhattan and Richmond Boroughs.*—William F. Willcox (\$5,000).  
*Commissioner of Brooklyn and Queens Boroughs.*—Richard Young (\$5,000).  
*Commissioner of Bronx Borough.*—John E. Eustis (\$5,000).  
*Secretary Park Board.*—George S. Terry (\$4,800).

**Bureau of Buildings.**

220 Fourth Avenue.  
*Superintendent.*—Perez M. Stewart (\$5,000).  
*Assistant Superintendent.*—J. L. Jordan (\$4,000).  
*Chief Inspector.*—Thomas McGill (\$3,000).  
*Superintendent for Brooklyn Borough.*—Wm. M. Calder, Borough Hall.  
*Superintendent of Richmond and Queens Boroughs.*—John Seaton, New Brighton, S. I. (\$2,500).

**Department of Taxes and Assessments.**

280 Broadway.  
*President.*—James L. Wells (\$8,000); Commissioners, Samuel Strasbourger, George J. Gillespie, William S. Cogswell, Rufus L. Scott (\$7,000 each).  
**Department of Charities.**—Foot E. 26th St.  
*Commissioner.*—Homer Folks (\$7,500).  
*Deputy.*—James E. Dougherty (\$5,000).  
*Secretary.*—J. McKee Bo-den.  
*Deputy (126 Livingston St., Brooklyn).*—Chas. E. Teale (\$5,000).

**Department of Correction.**—148 E. 20th St.  
*Commissioner.*—Thomas W. Hynes (\$7,500).  
*Deputy.*—A. C. MacNulty (\$4,000).

**Department Docks and Ferries.**—Pier A, N. R.  
*President.*—Commissioner McDougall Hawkes (\$6,000).

*Secretary.*—Russell Blecker (\$4,000).  
*Deputy.*—Jackson Wallace (\$4,500).  
**Commissioner of Jurors.**—127 Stewart B'ld'g.  
 Thomas Allison (County of New York), (\$3,000).  
**Commis'r of Accounts.**—115 Stewart B'ld'g.  
 William Hepburn Russell (\$5,000).

**Municipal Civil Service Commissioners.**

346 Broadway.  
*W. L. Ogden, President* (\$6,000); A. T. Mason, W. A. Perrine, C. Vanderbilt, W. N. Dykeman, Theo. Banta, N. S. Spencer (no salary).  
*Secretary.*—S. W. Briscoe (\$5,000).

**Public Administrator.**—119 Nassau Street.  
 W. M. Hoes (\$10,000), F. W. Arnold, *Asst* (\$5,000).  
*Chief Clerk.*—Robert D. Bronson (\$2,200).

**Department of Education.**

Park Ave. and 59th St.  
*President.*—Charles C. Burlingham. *Vice-President.*—Frank L. Babbott. *Secretary.*—A. Emerson Palmer (\$4,500).  
*Supt. of School Buildings.*—C. B. J. Snyder (\$8,000).  
*Supt. of School Supplies.*—Parker P. Simmons (\$4,000).  
*City Supt. of Schools.*—William H. Maxwell (\$8,000).  
*Associate City Superintendents* (\$5,500 each).—Geo. S. Davis, Algernon S. Higgins, Andrew W. Edson, Albert P. Marble, Thomas S. O'Brien, Edward L. Stevens, John H. Walsh, Hubbard R. Yetman.  
*Examiners* (\$5,000 each).—James C. Byrnes, Walter L. Hervey, Jerome A. O'Connell, George J. Smith.

**Board of Estimate and Apportionment.**

Stewart Building, 280 Broadway.  
*Members.*—The Mayor, *Chairman*; the Comptroller, the President of the Board of Aldermen, the Presidents of the Boroughs of Manhattan, Brooklyn, Bronx, Queens, and Richmond (no salary). *Clerk.*—Charles V. Adee (\$4,000).

**Rapid Transit Railroad Commissioners.**

320 Broadway.  
*Alexander E. Orr, President*; J. H. Starin, *Vice-President*; Woodbury Langdon, Morris K. Jesup, John Claffin, Charles S. Smith; the Mayor and Comptroller *ex-officio*; W. B. Parsons, *Chief Engineer*. Commissioners' compensation is fixed by the Appellate Division of the Supreme Court.  
*Secretary.*—Bion L. Burrows (\$4,000).

**City Record.**—3 City Hall.

*Supervisor.*—Philip Cowen (\$5,000).  
*Deputy Supervisor.*—Henry McMillen (\$2,500).  
**Aqueduct Commissioners.**—230 Broadway.  
 Mayor and Comptroller *ex-officio*.  
*Commissioners.*—Wm. Edmond Curtis, John J. Ryan, Wm. H. Ten Eyck, John P. Windolph (\$5,000 each).  
*Secretary.*—H. W. Walker (\$4,000).

**Board of Assessors.**—320 Broadway.

*President.* Benj. E. Hall; Henry B. Ketcham, Enoch Vreeland (\$3,000 each).  
*Secretary.*—William H. Jasper (\$5,000).

**COUNTY OFFICERS.**

*County Clerk* (Court House).—Thomas L. Hamilton (\$15,000). *Deputy.*—Henry Birrell (\$6,000).  
*Kings County Clerk* (Hall of Records, Brooklyn).—Charles F. Hartzheim (\$8,000). *Deputy.*—Henry Weismann (\$5,000). *1st Asst. Deputy.*—Adam H. Leich (\$2,500).

*Sheriff* (280 Broadway).—William J. O'Brien (\$12,000 and half of some fees).

*Under Sheriff.*—E. C. Moen (\$5,000). *Deputies.*—D. C. Davis, J. V. Campbell, V. Fiedler, A. Govan, T. Healy, J. J. Plunkett, J. H. Wallace, J. T. Cronin, G. C. Snedden, F. J. Walgering (\$2,500 each).

*Warden of County Jail.*—Thos. H. Sullivan (\$3,000).  
*Sheriff Kings County* (Court House, Brooklyn).—William F. Melody (\$15,000). *Under Sheriff.*—Wm. W. Wingate (\$6,000).

*Deputy Sheriffs.*—George E. England, John Ortiz, Frank Partridge, Joseph Chickering, M. J. Wheeler, H. Jaquilli, James McEvoy, Charles D. Kendall (\$2,200 each).

*Warden.*—James Roach (\$3,000).  
*Sheriff Queens County* (Long Island City).—Joseph H. De Bragga (fees).

*Under Sheriff.*—Josiah C. Bennett (fees).  
*Sheriff Richmond County* (Richmond, S. I.).—F. C. Vitt (\$6,000).

*Register* (116 Nassau St.).—John H. T. Ronner (\$12,000).  
*Deputy.*—Ferd. Bolimer (\$3,500).

*Register Kings County* (Hall of Records, Brooklyn).—John K. Neal.  
*Deputy.*—Warren C. Tredwell.

*Commissioner of Records* (Hall of Records, Brooklyn).—George E. Waldo (\$5,000).  
*Deputy.*—Joseph H. Grenelle (\$3,500).

**STATE OFFICERS.**

**EXCISE DEPARTMENT.**—1 Madison Avenue.  
*Special Deputy Commissioners.*—George Hilliard (N. Y. County) (\$4,000), H. W. Nichol (Kings County), (no. 1), Nichol (Richmond County).

**STATE BUREAU OF ELECTIONS.**—585 B'way.  
*Superintendent.*—John McCullagh.  
*Chief Deputy.*—Clarence V. C. Van Deusen.

**QUARANTINE COMMISSIONERS.**—115 B'way.  
*Commissioners.*—Frederick H. Schroeder, *President*; Chas. H. Murray, *Treasurer*; Joseph Simonson (\$2,500 each).

*Health Officer.*—Alvah H. Doty, M. D. (\$12,500).  
*Secretary.*—Charles F. Fruder.

**PILOT COMMISSIONERS.**—17 State Street.  
*Commissioners.*—A. F. Higgins, J. H. Winchester, W. B. Hilton, Thomas P. Ball, W. I. Comes.  
*Secretary.*—Daniel A. Nash.

**PORT WARDENS.**—1 Broadway.  
*Wardens.*—Hiram Calkins, *President*; Isaac W. Edsall, Daniel G. Vedder, Chas. H. Dauchy, Jas. F. Pegnam, Wilbur W. Capron, Robert M. Johnston, John H. Gunner, and Jas. E. March (fees).

*Secretary.*—A. W. Dodge.

## Criminal Courts, Manhattan and Bronx.

### SUPREME COURT.

**PART I, TRIAL TERM** (the Criminal Term of the Court for the trial of indictments), held by a Justice of the Supreme Court in the Criminal Courts Building, Centre and Franklin Streets. **GENERAL SESSIONS** (Parts 1, 2, 3, and 4).—In the Criminal Courts Building. Held by the City Judge, the Judges of the Court of General Sessions, and the Recorder.  
The City Judge and the Judges of the General Sessions receive an annual salary of \$12,000 each; all are elected for a term of fourteen years.

| NAME.                    | Office.                | Term Expires. |
|--------------------------|------------------------|---------------|
| Rufus B. Cowing.....     | City Judge.....        | Dec. 31, 1906 |
| John W. Goff.....        | Recorder.....          | " 31, 1908    |
| Joseph E. Newburger..... | Judge of Sessions..... | " 31, 1909    |
| Martin T. McMahon.....   | " ".....               | " 31, 1909    |
| Warren W. Foster.....    | " ".....               | " 31, 1913    |

*Clerk of Part I, Trial Term, Supreme Court, and of the Court of General Sessions* (office in the Criminal Courts Building).—Edward R. Carroll.

### SPECIAL SESSIONS.

(First Division.)

| NAME.                         | (Salary, \$9,000.) | Term Expires. |
|-------------------------------|--------------------|---------------|
| Judge Elizar B. Hinsdale..... | July 1, 1905       |               |
| " William E. Wyatt.....       | " 1, 1911          |               |
| " Julius M. Mayer.....        | " 1, 1903          |               |
| " William C. Holbrook.....    | " 1, 1907          |               |
| " John B. McKean.....         | " 1, 1909          |               |
| " W. H. Olmsted.....          | May 1, 1912        |               |

Court is open daily, except Saturday, from 10 A. M. to 4 P. M.; Clerk's office open Saturdays, 9 A. M. to 12 M. Wm. M. Fuller, *Clerk*, salary, \$4,000.  
Children's Part, 66 3d Ave.—Held by one of the Justices of Special Sessions in accordance with assignment of Justices. Court opens at 9.30 daily, except Sunday. Edward E. Lee, *Clerk*, salary, \$3,000.

### CITY MAGISTRATES.

| MAGISTRATE.             | (Salary, \$7,000.) | Term Expires. |
|-------------------------|--------------------|---------------|
| Joseph M. Deuel.....    | July 1, 1912       |               |
| Leroy B. Crane.....     | " 1, 1912          |               |
| Matthew P. Breen.....   | " 1, 1912          |               |
| John O. Mott.....       | " 1, 1905          |               |
| Charles A. Flammer..... | " 1, 1905          |               |
| Robert C. Cornell.....  | " 1, 1905          |               |
| W. J. Olmsted.....      | May 1, 1907        |               |
| Clarence W. Meade.....  | " 1, 1907          |               |
| Joseph Pool.....        | " 1, 1907          |               |
| Edward Hogan.....       | July 1, 1909       |               |
| John B. Mayo.....       | " 1, 1909          |               |
| Lorenz Zeller.....      | " 1, 1909          |               |

*Secretary*, Philip Block.

### MAGISTRATES' COURTS.

First District—Criminal Courts Building, Centre and Franklin Streets; Second District—125 Sixth Avenue (Jefferson Market); Third District—69 Essex Street; Fourth District—151 East 57th Street; Fifth District—170 East 121st Street; Sixth District—East 158th Street, corner Third Avenue; Seventh District—314 West 54th Street.

### DISTRICT ATTORNEY'S OFFICE.

Criminal Courts Building, Centre and Franklin Streets. The salary of the District Attorney is \$12,000 per annum; assistants to District Attorney, \$7,500; deputy assistants' salaries vary. Staff is subject to change.

| NAME.                    | Office.   | NAME.                       | Office. | NAME.                     | Office. |
|--------------------------|-----------|-----------------------------|---------|---------------------------|---------|
| William T. Jerome.....   | Dist. At. | Francis P. Garvan.....      | Deputy. | Carl Miner.....           | Deputy. |
| George W. Schurman.....  | Asst.     | Edward Sandford.....        | "       | Willis Monroe.....        | "       |
| James W. Osborne.....    | "         | Charles C. Nott, Jr.....    | "       | John Henry Iselin.....    | "       |
| Howard S. Gans.....      | "         | Charles Albert Perkins..... | "       | Frank A. Lord.....        | "       |
| Marshall B. Clarke.....  | "         | Keyran J. O'Connor.....     | "       | Nathan Ayer Smyth.....    | "       |
| William H. Rand, Jr..... | "         | Arthur C. Train.....        | "       | George W. Morgan, Jr..... | "       |
| James R. Ely.....        | "         | Henry G. Gray.....          | "       | Paul Krotel.....          | "       |
| Robert Townsend.....     | "         | Samuel Thorne, Jr.....      | "       | Charles Chadwick.....     | "       |
| Robert C. Taylor.....    | "         | Isidor J. Kresel.....       | "       | Robert S. Johnstone.....  | "       |
|                          |           | Charles H. Studin.....      | "       | Charles Pechner.....      | "       |

## Courts of Law in Manhattan Borough.

### APPELLATE DIVISION OF THE SUPREME COURT.

FIRST JUDICIAL DEPARTMENT, MADISON AVENUE AND TWENTY-FIFTH STREET.  
Salary of Supreme Court Justices, \$17,500.

| Justice.                                         | Term Expires. | Justice.                   | Term Expires. |
|--------------------------------------------------|---------------|----------------------------|---------------|
| Charles H. Van Brunt, <i>Pres. Justice</i> ..... | Dec. 31, 1911 | Chester B. McLaughlin..... | Dec. 31, 1909 |
| Edward Patterson.....                            | Dec. 31, 1914 | Frank C. Laughlin.....     | Dec. 31, 1909 |
| Morgan J. O'Brien.....                           | Dec. 31, 1915 | Edward W. Hatch.....       | Dec. 31, 1909 |
| George L. Ingraham.....                          | Dec. 31, 1905 |                            |               |

Court opens at 1 P. M. *Clerk*—Alfred Wagstaff; salary, \$5,000.

AN APPELLATE TERM to hear appeals from the City and the Municipal Courts will sit in the County Court-House.

### SUPREME COURT—APPELLATE, SPECIAL AND TRIAL TERMS.

| NAME.                   | Office.   | Term Expires. | NAME.                      | Office.   | Term Expires. |
|-------------------------|-----------|---------------|----------------------------|-----------|---------------|
| Samuel Greenbaum.....   | Justice.. | Dec. 31, 1915 | Henry Bischoff, Jr.....    | Justice.. | Dec. 31, 1903 |
| Francis M. Scott.....   | "         | " 31, 1911    | James Fitzgerald.....      | "         | " 31, 1912    |
| James A. Blanchard..... | "         | " 31, 1915    | Leonard A. Giegerich.....  | "         | " 31, 1906    |
| Charles F. MacLean..... | "         | " 31, 1910    | David Leventritt.....      | "         | " 31, 1912    |
| Charles H. Truax.....   | "         | " 31, 1910    | John J. Freedman.....      | "         | " 31, 1904    |
| Vernon M. Davis.....    | "         | " 31, 1917    | Philip H. Dugro.....       | "         | " 31, 1914    |
| Edward E. McCall.....   | "         | " 31, 1917    | Henry A. Gildersleeve..... | "         | " 31, 1905    |
| Edward B. Amend.....    | "         | " 31, 1917    | John Proctor Clarke.....   | "         | " 31, 1915    |
| James A. O'Gorman.....  | "         | " 31, 1913    | George C. Barrett.....     | "         | " 31, 1913    |

*Clerk*.—County Clerk Thomas L. Hamilton, *ex-officio*. *Deputy Clerk*.—Henry Birrell,

## COURTS OF LAW IN MANHATTAN BOROUGH—Continued.

## CITY COURT.

## CITY HALL.

The Judges are elected for a term of ten years at an annual salary of \$10,000.

| NAME.                | Office.           | Term Expires. |
|----------------------|-------------------|---------------|
| J. M. Fitzsimons.... | Chief Judge ..... | Dec. 31, 1909 |
| Theo. F. Hascall.... | Judge .....       | " 31, 1910    |
| Samuel Seabury....   | " .....           | " 31, 1911    |
| Edw'd F. O'Dwyer ..  | " .....           | " 31, 1907    |
| J. H. McCarty.....   | " .....           | " 31, 1907    |
| Lewis J. Conlan ...  | " .....           | " 31, 1909    |
| F. B. Delehanty....  | " .....           | " 31, 1910    |

*Clerk.*—Thos. F. Smith; salary, \$4,500.

*Deputy.*—Edward H. Piepenbring; salary, \$3,000.

## MUNICIPAL COURTS IN MANHATTAN AND BRONX BOROUGHS.

The Justices are elected for a term of ten years at an annual salary of \$6,000. The Clerks are appointed by the Justices for six years, and receive annual salaries of \$3,000.

**First District.**—Third, Fifth, and Eighth Wards, and all that part of First Ward lying west of Broadway and Whitehall Street, including Governor's Island, Liberty Island, Ellis Island, and the Oyster Islands; New Court-House, No. 128 Prince Street; Daniel E. Flinn, *Justice*; Frank L. Bacon, *Clerk*.

**Second District.**—All that part of First Ward east of Broadway and Whitehall Street, Second, Fourth, Sixth, and Fourteenth Wards; corner Grand and Centre Streets; Herman Bolte, *Justice*; Francis Maugin, *Clerk*.

**Third District.**—Ninth and Fifteenth Wards; Sixth Avenue, corner West Tenth Street; William F. Moore, *Justice*; Daniel Williams, *Clerk*.

**Fourth District.**—Tenth and Seventeenth Wards; 30 First Street; George F. Roesch, *Justice*; Julius Harburger, *Clerk*.

**Fifth District.**—Seventh, Eleventh, and Thirteenth Wards; 154 Clinton Street; Benjamin Hoffman, *Justice*; Thomas Fitzpatrick, *Clerk*.

**Sixth District.**—Eighteenth and Twenty-first Wards; cor. 23d St. and Second Avenue; Daniel F. Martin, *Justice*; Abram Bernard, *Clerk*.

**Seventh District.**—Nineteenth Ward; 151 East Fifty-seventh Street; Herman Joseph, *Justice*; Patrick McDavitt, *Clerk*.

**Eighth District.**—Sixteenth and Twentieth Wards; 269 Eighth Avenue; James W. McLoughlin, *Justice*; Henry Merzbach, *Clerk*.

## SURROGATES' COURT.

## COUNTY COURT-HOUSE.

The Surrogates are elected for a term of fourteen years at an annual salary of \$15,000.

| NAME.                 | Office.        | Term Expires. |
|-----------------------|----------------|---------------|
| Abner C. Thomas....   | Surrogate..... | Jan. 1, 1914  |
| F. T. Fitzgerald..... | " .....        | " 1, 1907     |

*Chief Clerk.*—William V. Leary; salary, \$8,500.

## COURT OF ARBITRATION

OF THE CHAMBER OF COMMERCE OF NEW YORK STATE, 65 LIBERTY ST.

*Arbitrator.*—Vacant. *Clerk.*—George Wilson.

This court was established by act of the Legislature. Sessions are held at the rooms of the Chamber of Commerce, No. 65 Liberty St., for the hearing and prompt settlement of controversies among merchants, shipmasters, and others within the Port of New York.

**Ninth District.**—All of the Twelfth Ward north of East Eighth-sixth Street, east of Lenox Avenue, and north of West One Hundred and Tenth Street; 170 East One Hundred and Twenty-first Street; Joseph P. Fallon, *Justice*; William J. Kennedy, *Clerk*; Patrick J. Ryan, *Ass't Clerk*.

**Tenth District.**—Twenty-second Ward and all of the Twelfth Ward south of West One Hundred and Tenth Street and west of Sixth Avenue; 314 West Fifty-fourth Street; Thomas E. Murray, *Justice*; Hugh Grant, *Clerk*.

**Eleventh District.**—Northern part of Twelfth Ward, Court-room, corner One Hundred and Twenty-sixth Street and Columbus Avenue; Francis J. Worcester, *Justice*; Heman B. Wilson, *Clerk*; Robt. Andrews, *Ass't Clerk*.

**BRONX BOROUGH—First District.**—All that part of the Twenty-fourth Ward which was lately annexed to the City and County of New York by Chapter 954 of the Laws of 1895, comprising all of the late Town of Westchester, and part of the Towns of Eastchester and Pelham, including the Villages of Wakefield and Williamsbridge. Court-room, Town Hall, Main St., Westchester, New York City; Wm. W. Penfield, *Justice*; John N. Stewart, *Clerk*.

**BRONX BOROUGH—Second District.**—Twenty-third and Twenty-fourth Wards; East One Hundred and Fifty-eighth Street, corner Third Avenue; John M. Tierney, *Justice*; Thomas A. Maher, *Clerk*.

## United States Courts in Manhattan Borough.

**UNITED STATES CIRCUIT COURT OF APPEALS.**—Post-Office Building. *Judges.*—Rufus W. Peckham, Circuit Justice; William J. Wallace. E. Henry Lacombe, Wm. K. Townsend, and Alfred C. Coxe, Circuit Judges. *Clerk.*—William Parkin; salary, \$3,000. *Term.*—Last Tuesday in October.

**UNITED STATES CIRCUIT COURT.**—Post-Office Building.

The Judges of the Federal Courts are appointed by the President, and confirmed by the United States Senate, for life.

*Associate Justice of the United States Supreme Court and Judge of the Circuit Court.*—Rufus W. Peckham; salary, \$10,000.

*Circuit Judges.*—William J. Wallace, E. Henry Lacombe, Wm. K. Townsend, and Alfred C. Coxe; salaries, \$6,000 each.

*Clerk.*—John A. Shields; salary, \$3,500.

*General Terms.*—First Monday in April and third Monday in October.

*Equity Term.*—Last Monday in February.

*Terms of Criminal Court.*—Second Wednesdays in January, March, May, October, December, and third in June.

*Judge of the District Court.*—George B. Adams; salary, \$5,000.

*Clerk.*—Thomas Alexander.

*Stated Term.*—First Tuesday in every month.

*Special Term.*—Every Tuesday for return of process. *United States District Attorney.*—Henry L. Burnett; salary, \$6,000.

*Assistant District Attorneys.*—Henry C. Platt, Ernest E. Baldwin, Arthur M. King, D. Frank Lloyd, Clarence S. Houghton, H. A. Wise, Charles D. Baker; salaries range from \$2,000 to \$3,600.

*Marshal.*—William Henkel; salary, \$5,000.

*Chief Deputy.*—John Stiebing; salary, \$2,750

*Commissioners.*—John A. Shields, Samuel R. Betts, Thomas Alexander, Henry P. Butler, Samuel M. Hitchcock, Ed. L. Owen, Enos N. Taft, Daniel B. Deyo, Lorenzo Semple, William D. Jones, Wm. P. Prentice, James L. Williams, D. W. Esmond, Edward J. Collins.

# INFORMATION ABOUT THE CITY OF NEW YORK. 493

In the following pages information of daily interest to citizens and visitors about the City of New York is given, the subjects, for convenience of reference, being arranged alphabetically. This information is of the date of January 1, 1903, but it must be borne in mind that changes in an active community like that of New York are continuously going on, and that accuracy in details can only be guaranteed for the date of issue of the ALMANAC.

## Amusements.

### OPERA HOUSES AND THEATRES IN MANHATTAN AND BRONX BOROUGHS.

| NAME.                   | Location.                     | Proprietors or Managers. | Seating Capacity.* | Prices of Admission. (Subject to Change.) | Performances Begin, P. M. |
|-------------------------|-------------------------------|--------------------------|--------------------|-------------------------------------------|---------------------------|
| Academy of Music        | E. 14th St. and Irving Place. | Gilmore & Tompkins.      | 2,800              | \$1.50, 1.00, 75c., 50c.                  | 8.15, mat. 2.             |
| American Theatre        | 8th Ave., near 42d St.        | J. J. Coleman.           | 2,500              | 50c., 35c., 25c.                          | 8.15, mat. 2.15.          |
| Bijou Theatre           | 42d St. and Broadway          | David Belasco.           | 900                | 2.00 to 50c.                              | 8, mat. 2.                |
| Broadway Theatre        | Broadway and 30th St.         | H. B. Sire.              | 900                | 2.00, 1.50, 1.00, 75c., 50c.              | 8.15.                     |
| Broadway Theatre        | Broadway and 41st St.         | Jacob Litt.              | 1,800              | 2.00, 1.50, 1.00, 75c., 50c.              | 8, mat. 2.                |
| Casino                  | Broadway and 39th St.         | Sam. S. Shubert.         | 1,500              | 2.00, 1.50, 1.00, 50c.                    | 8, mat. 2.15.             |
| Criterion Theatre       | Broadway and 44th St.         | Charles Frohman.         | 926                | 2.00 to 50c.                              | 8.10, mat. 2.             |
| Daly's Theatre          | Broadway and 30th St.         | Daniel Frohman.          | 1,123              | 2.00, 1.50, 1.00, 50c.                    | 8.10, mat. 2.             |
| Dewey Theatre           | 14th St., near 3d Ave.        | Sullivan & Kraus.        | 1,400              | 1.00, 75c., 50c., 25c.                    | 8.20, mat. 2.20.          |
| Empire Theatre          | Broadway and 40th St.         | Charles Frohman.         | 1,100              | 2.00, 1.50, 1.00, 50c.                    | 8.20, mat. 2.15.          |
| Fifth Avenue Theatre    | Broadway and 28th St.         | F. F. Proctor.           | 1,800              | 1.00, 75c., 50c., 25c.                    | 1 to 10.45.               |
| Fourteenth St. Theatre  | W. 14th St., near 6th Ave.    | J. W. Rosenquest.        | 1,500              | 1.50, 1.00, 75c., 50c., 25c.              | 8.15, mat. 2.15.          |
| Garden Theatre          | Madison Ave. and 27th St.     | Charles Frohman.         | 1,100              | 1.50, 1.00, 50c.                          | 8.15, mat. 2.10.          |
| Garrick Theatre         | 35th St., near 6th Ave.       | Charles Frohman.         | 900                | 2.00, 1.50, 1.00, 50c.                    | 8.50, mat. 2.15.          |
| Germania Theatre        | E. 8th St., near Broadway.    | Adolph Philipp.          | 1,400              | 1.00, 75c., 50c., 35c.                    | 8.15, mat. 2.15.          |
| Grand Opera House       | W. 23d St. and 8th Ave.       | John H. Springer.        | 3,000              | 1.00, 75c., 50c., 25c.                    | 8.15, mat. 2.15.          |
| Harlem Opera House      | W. 125th St., near 7th Ave.   | A. Lichenstein.          | 1,600              | 1.50, 1.00, 50c., 25c.                    | 8.15, mat. 2.15.          |
| Herald Square Theatre   | Broadway and 35th St.         | Sam. S. Shubert.         | 1,412              | 2.00 to 50c.                              | 8.15, mat. 2.15.          |
| Irving Place Theatre    | E. 15th St. and Irving Pl.    | H. Couried.              | 1,700              | 1.50, 1.00, 75c., 50c.                    | 8.15, mat. 2.15.          |
| Keith's Theatre         | E. 14th St., near Broadway.   | B. F. Keith.             | 1,200              | 50c., 25c.                                | 12.30 to 11.              |
| Knickerbocker Theatre   | Broadway and 38th St.         | Al. Hayman & Co.         | 1,363              | 2.00, 1.50, 1.00, 50c.                    | 8.15, mat. 2.             |
| Lexington Op. House     | 58th St., near Lexington Ave. | Suesskind & Rehfeldt.    | 1,600              | 1.00, 75c., 50c., 25c.                    | 8.                        |
| London Theatre          | 235 Bowery                    | J. H. Curtin.            | 1,800              | 75c., 50c., 35c., 25c., 10c.              | 8, mat. 2.                |
| Madison Sq. Theatre     | 24th St., near Broadway.      | Charles Frohman.         | 1,650              | 2.00, 1.50, 1.00, 75c., 50c.              | 8.30, mat. 2.15.          |
| Manhattan Theatre       | Broadway, near 33d St.        | Harrison Gray Blake.     | 1,000              | 2.00, 1.50, 1.00, 75c., 50c.              | 8, mat. 2.                |
| Metropolis Theatre      | 142d St. and 3d Ave.          | Henry Rosenberg.         | 850                | 1.00, 75c., 50c., 25c.                    | 8.15, mat. 2.15.          |
| Metropolitan Op. House  | Broadway, 39th and 40th Sts.  | Maurice Grau Op. Co.     | 3,400              | 5.00 to 1.50.                             | 8.                        |
| Miner's Bowery Th.      | Bowery, near Broome St.       | Thomas W. Miner.         | 2,100              | 75c., 50c., 25c., 15c.                    | 8.10, mat. 2.15.          |
| Miner's 8th Ave. Th.    | 8th Ave., near 25th St.       | E. D. Miner.             | 2,000              | 75c., 50c., 35c., 25c., 15c.              | 8.15, mat. 2.15.          |
| Mrs. Osborn's Play Ho.  | 44th St., near 5th Ave.       | Mrs. Osborn.             | 480                | 2.50 to 1.00                              | 8.45.                     |
| Murray Hill Theatre     | Lexington Ave. and 42d St.    | Henry V. Donnelly.       | 1,304              | 50c., 35c., 25c.                          | 8.15, mat. 2.             |
| New York Theatre        | Broadway and 44th St.         | Klaw & Erlanger.         | 3,200              | 1.50, 1.00, 50c.                          | 8.15, mat. 2.15.          |
| Olympic Theatre         | 3d Ave. and 130th St.         | F. W. Valentine.         | 1,200              | 1.00, 50c., 25c., 15c.                    | 8.15, mat. 2.15.          |
| Pastor's Theatre        | E. 14th St., near 3d Ave.     | Vony Pastor.             | 1,000              | 50c., 25c.                                | 12.30 to 11.              |
| Proctor's Palace        | E. 58th St., near 3d Ave.     | Frederick F. Proctor.    | 2,000              | 1.00, 50c., 25c.                          | 2 mat., 8.                |
| Proctor's Theatre       | W. 23d St., near 6th Ave.     | Frederick F. Proctor.    | 2,000              | 50c., 25c.                                | 1 to 10.45.               |
| Proctor's 125th St. Th. | 125th St. and Lexington Ave.  | Frederick F. Proctor.    | 2,000              | 50c., 25c.                                | 2 and 8.                  |
| Savoy Theatre           | 34th St. and Broadway.        | Chas. Frohman.           | 902                | 2.00 to 50c.                              | 8.20, mat. 2.15.          |
| Star Theatre            | Lexington Ave. and 10th St.   | Wm. Keogh.               | 3,100              | 75c., 50c., 25c., 15c.                    | 8.15, mat. 2.15.          |
| Thalia Theatre          | Bowery, near Canal St.        | Leopold Spachner.        | 1,700              | 2.00, 75c., 50c., 35c., 25c.              | 8.20.                     |
| Third Ave. Theatre      | 3d Ave., near 31st St.        | M. J. Dixon.             | 1,800              | 1.00, 75c., 50c., 25c.                    | 8.15, mat. 2.15.          |
| Victoria Theatre        | Broadway and 42d St.          | Oscar Hammerstein.       | 2,000              | 1.00                                      | 8.15, mat. 2.15.          |
| Wallack's Theatre       | Broadway and 20th St.         | O. A. Moss.              | 1,700              | 2.00, 1.50, 1.00, 50c.                    | 8.15, mat. 2.15.          |
| WindSOR Theatre         | Bowery, near Canal St.        | Heine & Horowitz.        | 1,700              | 1.50, 1.00, 75c., 50c., 25c.              | 8.30.                     |

\* Seating capacity is given, but there is usually standing room in addition for a large number of persons. Theatre-goers should consult the daily papers as to time performance begins.

## MUSIC HALLS.

| NAME.                              | Proprietors or Managers.  | Location.                                              | Seating Capacity. |
|------------------------------------|---------------------------|--------------------------------------------------------|-------------------|
| Broadway Music Hall                | Weber & Fields.           | Broadway and 29th St. (Admission, \$2.00 to \$1.00.    | 900               |
| Carnegie Music Hall                | Sheldon & Barry.          | Performance, 8 P. M.; matinee, 2.15 P. M.)             | †2,500            |
| Central Opera House Mus. Hall      | Jacob Ruppert.            | W. 57th St., near 6th Ave.                             | 1,000             |
| Eden Musee                         | E. J. Crane.              | 67th St. and 3d Ave.                                   | 1,000             |
|                                    |                           | W. 22d St., near 6th Ave. (1.00 P. M. to 8.00 P. M.)   |                   |
|                                    |                           | Week days, 50c.; Children, 25c.; Sundays, 25c. for all |                   |
| Madison Square Garden              | Madison Square Garden Co. | Madison Ave., 26th and 27th Sts.                       | 600               |
| Madison Square Garden Concert Hall | Madison Square Garden Co. | 26th St. and Madison Ave.                              | 12,000            |
|                                    |                           |                                                        | 1,183             |

† Carnegie Lyceum, seating capacity, 750.

Music entertainments are sometimes given in halls customarily used for other purposes, such as Cooper Union Hall, Masonic Temple Hall, Lyric Hall, Tammany Hall, Clarendon Hall, 114 East 13th St.; Germania Assembly Rooms, 291 Bowery; Atlantic Garden, 50 Bowery; Grand Central Palace, 43d St. and Lexington Ave.; seating capacity of the Amphitheatre, 8,500; Concert Hall, 2,500; Roof Garden, 10,000. American Institute, 19 West 44th St.

MUSEUMS.—Metropolitan Museum of Art, 5th Ave. and 82d St. (Central Park); free on Tuesday, Wednesday, Thursday, Saturday, from 10 A. M. to 5.30 P. M., and on Monday and Friday from 8 to 10 P. M.; open on Sunday from 1 P. M. to half hour before sunset; on Monday and Friday, during the day, admission is 25 cents. Museum of Natural History, 8th Ave. and 79th St. is open to the public free of charge on Wed., Thurs., Fri., and Sat., from 9 A. M. to 5 P. M., Sunday from 1 to 4 P. M.; also on holidays and Tues. and Sat. evenings; admission on Mon. and Tues. is by membership ticket, or payment of 25 cents. Hours of admission to the museums vary according to season. Aquarium, Castle Garden, Battery. Zoological Gardens, Central Park, entrance 5th Ave. and 64th St., and Bronx Park, 182d St. and Southern Boulevard.

GROUNDS FOR OUTDOOR SPORTS.—Berkeley Oval, Morris Heights; Manhattan Field, 8th Ave. and 155th and 156th Sts.; Polo Grounds, 8th Ave. and 157th and 158th Sts., New York Athletic, on Traversers Island, take New Haven R. E. to Pelham Manor; Y. M. C. A. Athletic, 150th St. and Harlem River. In Brooklyn Borough—Bassett Grounds, 3d St., between 8d and 4th Aves., reached by cars from Fulton Ferry or Bridge depot; Brooklyn Driving Club, Boulevard and Kings Highway; Crescent Athletic, take Fort Hamilton cars; Parade Grounds, Prospect Park. Knickerbocker Athletic Club by Central R. R. of N. J. to Ave. A, Bayonne. Staten Island Cricket Club, take Staten Island Ferry and railroad to Livingston, S. I.

## Asylums and Homes in Manhattan and Bronx Boroughs.

- Anthony Home, 126 E. 17th St.  
 Association for Improved Instruction of Deaf Mutes, 912 Lexington Ave.  
 Association for Relief of Respectable Aged Indigent Females, Amsterdam Ave., cor. W. 104th St.  
 Babies' Shelter, Church Holy Communion, Reception House, 49 W. 20th St.  
 Baby Fold, office 353 W. 20th St.  
 Baptist Home for Aged, E. 68th St. and Park Ave.  
 Baptist Ministers, 2023 Vyse Ave.  
 Berachah Orphanage House Reception, 6908th Ave. Blind Asylum, Blackwell's Island.  
 Bloomingdale Insane Asylum, White Plains, N. Y.  
 Brace Memorial Lodging House, 9 Duane St.  
 Catholic Protector, Van Nest Station, office 415 Broome St.  
 Chapin Home for the Aged and Infirm, 151 E. 66th St.  
 Charity Organization Society, 105 E. 22d St.  
 Chebra Hachnosath Orchim. See Hebrew Sheltering House and Home for Aged.  
 Children's Aid Society, executive office 105 E. 23d St.  
 Children's Fold, W. 155th St., near St. Nicholas Ave.  
 Christian League Industrial Home, 5 E. 12th St.  
 Christian Workers, 129 E. 10th St.  
 Colored Orphan Asylum, Broadway, near W. 143d St.  
 Convalescents' Home, 433 E. 118th St.  
 Cooperative Home for Self-Supporting Girls, 348 W. 14th St.  
 Crittenton Florence Home for Working Girls, 140 E. 14th St.  
 Deaconess Home (Baptist), 312 W. 54th St.  
 Deats, Hiram, Memorial Home for Children, 54 Washington Sq. S.  
 Dominican Convent Our Lady of Rosary (Home for Destitute Children), 329 E. 63d St.  
 Door of Hope, 102 E. 61st St.  
 East-Side Home, 416 E. 26th St.  
 Edgewater Creche, C. D. Kellogg, Treas., 1123 Broadway.  
 Elizabeth Home for Girls, 307 E. 12th St.  
 Elmira Reformatory, office 135 E. 15th St.  
 Eva Home, 153 E. 62d St.  
 Fisher, Mary, Home, 148 St. Ann's Ave.  
 Five Points House of Industry, 155 Worth St.  
 Five Points Mission, 63 Park St.  
 Foundling Asylum, 175 E. 68th St., near 3d Ave.  
 Florence Night Mission, 21 Bleecker St.  
 Free Home for Destitute Young Girls, 23 E. 11th St.  
 French Evangelical Home for Young Women, 341 W. 30th St.  
 German Lutheran Emigrant Home, 12 State St.  
 German Odd Fellows' Home and Orphan Asylum, Ave. B, Unionport. Office, 69 St. Mark's Pl.  
 Grace Church Hospital, 414 E. 14th St.  
 Hebrew Benevolent and Orphan Asylum, Amsterdam Ave., near 136th St.  
 Hebrew Infant Asylum, Eagle Ave., near E. 131st St.  
 Hebrew Sheltering Guardian Orphan Asylum, Broadway and W. 150th St.  
 Hebrew Sheltering House and Home for Aged, 210 Madison St.  
 Hirsch, Clara de, Home for Working Girls, E. 63d St., near 2d Ave.  
 Home for Aged and Infirm Hebrews, 105th St., near Columbus Ave.  
 Home for Crippled and Incurable Children, 518 W. 152d St.  
 Home for Friendless, for Females and Children, Jerome Ave., cor. Woody Crest Ave.  
 Home for Incurables, 33 Ave., cor. E. 182d St.  
 Home for Italian Immigrants, 219 Bleecker St.  
 Home for Old Men and Aged Couples, Amsterdam Ave., cor. W. 112th St.  
 Home for Protestant Immigrant Girls, 9 State St.  
 Home for Relief of Destitute Blind, Amsterdam Ave., cor. W. 104th St.  
 Home for the Aged, 213 E. 70th St. and 106th St., near Columbus Ave.  
 Home for the Aged of the Church of the Holy Communion (P. E.), 41 W. 20th St.  
 Home for Young Women, 49 W. 9th St. Branch at 308 2d Ave.  
 Home of the Daughters of Jacob, 40 Gouverneur St.  
 Hopper, Isaac T., Home, 110 2d Ave.  
 House of Calvary (Incurable Cancer, Females), 5 Perry St.  
 House of Mercy (Protestant Episcopal), W. 213th St., Inwood, New York City.  
 House of Our Lady of the Wayside, 37 St. Mark's Pl.  
 House of Refuge, Randall's Island, boat ft. E. 120th St.  
 House of the Good Shepherd, foot of E. 90th St.  
 House of the Holy Comforter for Incurables, 151 2d Ave.  
 House of the Holy Family, 136 2d Ave.  
 Howard Mission and Home for Little Wanderers, 225 E. 11th St.  
 Huguenot Home of French Church Du St. Esprit, 250 W. 54th St.  
 Industrial Christian Alliance, 170 Bleecker St.  
 Infant Asylum, Amsterdam Ave., cor. 61st St.  
 Insane Asylum, Ward's Isl'd, office 1 Madison Av.  
 Isabella Heimath, Amsterdam Ave. and W. 190th St.  
 Jeanne d'Arc Home, 251 W. 24th St.  
 Jennie Clarkson Home for Children (Katonah, N. Y.), office 264 Lenox Ave.  
 Juvenile Asylum, 176th St. and Amsterdam Ave.; reception room, 106 W. 27th St.  
 Leake and Wats' Orphan House, Hawthorne Ave., near City Line.  
 Leo Home for German Catholic Immigrants, 6 State St.  
 Lincoln Hospital, E. 141st St., cor. Concord Ave.  
 Lutheran Pilgrim House, 8 State St.  
 McAuley's Water St. Mission, 316 Water St.  
 Magdalen Benevolent Society, foot W. 139th St.  
 Margaret Louisa Home of Young Women's Christian Association, 14 E. 16th St.  
 Medical Missionary Home, 288 Lexington Ave.  
 Messiah Home for Children, 490 Mott Ave.  
 Methodist Episcopal Home, Amsterdam Ave., cor. 92d St.  
 Mission of Our Lady of the Rosary for the Protection of Young Immigrant Girls, 7 State St.  
 Mission of the Immaculate Virgin, 2 Lafayette Pl.  
 Montefiore Home for Chronic Invalids, Broadway and W. 138th St.  
 Mothers' Home, 531 E. 86th St.  
 National Home for Disabled Volunteer Soldiers, office Post-Office Building, Manhattan Borough.  
 Newsboys' Lodging House, 9 Duane St.  
 New Sailors' Home of Prot. Epis. Mission to Seamen, 52 Market St.  
 New York—Asylums and Homes bearing prefix "New York" will be, as a rule, found in this list minus the prefix.  
 New York Orphan Asylum, Yonkers, office 105 E. 22d St.  
 Night Refuge for Homeless Women, 144 W. 115th St.  
 Orphan Asyl. of St. Vincent de Paul, 211 W. 39th St.  
 Orphanage, Church of the Holy Trinity, 400 E. 50th St.  
 Orphan Home and Asylum of Protestant Episcopal Church, 49th St., near Lexington Ave.  
 Peabody Home for Aged and Indigent Women, 2064 Boston Road.  
 Presbyterian Home for Aged Women, 73d St., near Madison Ave.  
 Protestant Half-Orphan Asylum, 104th St. and Manhattan Ave.  
 Rescue Home, 315 E. 15th St.  
 Rescue Home for Colored Women, 244 W. 47th St.  
 Robertson, Gilbert A., Home, Scarsdale, N. Y.  
 Roman Catholic Orphan Asylum, Sedgwick Ave., cor. Kingsbridge Rd. office 470 Madison Ave.  
 Sacred Heart Home for Women and Children, 2412 2d Ave.  
 Sailors' Home, 190 Cherry St.  
 Sailors' Snug Harbor, Staten Island, office 31 Nassau St.

## ASYLUMS, AND HOMES IN MANHATTAN AND BRONX BOROUGHS—Continued.

- St. Ann's Home for Children, 500 E. 90th St.  
 St. Barnabas' Home, 304 Mulberry St.  
 St. Bartholomew's Girls' Home, 136 E. 47th St.  
 St. Benedict's Home for Destitute Colored Children, 2 Lafayette Pl.  
 St. Catherine's Home. See "Shelter for Respectable Girls."  
 St. Clare House, 147 W. 14th St.  
 St. Helena's, 311 E. 4th St.  
 St. James' Home, 21 Oliver St.  
 St. John Baptist Home, 233 E. 17th St.  
 St. John's Guild, office 501 5th Ave.  
 St. Joseph's Home for the Aged, 209 W. 15th St.  
 St. Joseph's Home for Destitute Children, House of Reception, 137 W. 21st St.  
 St. Joseph's Home for Immigrants, 18 Greenwich St.  
 St. Joseph's Industrial Home, 65 E. 81st St.  
 St. Joseph's Orphan Asylum, 89th St., cor. Ave. A. Branch, New Road, Throg's Neck.  
 St. Luke's Home for Aged Women, 2908 Broadway.  
 St. Mary's Home for Protection and Comfort of Respectable Young Women While Seeking Employment, 143 W. 14th St.  
 St. Philip's Home for Industrious Catholic Boys, 417 Broome St.  
 St. Philip's Parish Home, 1119 Boston Road.  
 St. Rose's Free Home for Incurable Cancer, 426 Cherry St.  
 St. Zita's Temporary Home for Friendless Women, 125 E. 52d St.
- St. Saviour's Sanitarium, Inwood, New York City  
 Samaritan Home for the Aged, 414 W. 23d St.  
 Scandinavian Immigrant Home, 24 Greenwich St.  
 Shelter for Respectable Girls, 159 E. 46th St.  
 Sheltering Arms, 504 W. 129th St.  
 Shepherd's Fold, W. 155th St., nr. St. Nicholas Av.  
 Sick Children's Mission, 287 E. Broadway, branch of Children's Aid Society.  
 Sisterhood of the Good Shepherd, 165 E. 93d St.  
 Society for Prevention of Cruelty to Children, 297 4th Ave.  
 Strachan, Margaret, Home, 103 W. 27th St.  
 Swedish Lutheran Immigrant Home, 5 Water St.  
 Swiss Home, 108 2d Ave.  
 Thecla Home and Reading Room, 313 W. 53d St.  
 Thecla Orphanage, Upper Nyack, N. Y.; office, 105 E. 2d St.  
 Training Home for Christian Workers, 128 E. 10th.  
 Trinity Chapel Home for Aged Women, 221 W. 24th.  
 Trinity Mission House, 211 Fulton St.  
 Wartburg Orphan Farm School, office 131 Liberty.  
 Washington Sq. Home for Friendless Girls, 49 Washington Sq. S.  
 Webb's Academy and Home for Shipbuilders, Sedgwick Ave., cor. Academy St.  
 West-Side Boys' Lodging House, 400 7th Ave.  
 White Rose Mission, 217 E. 86th St.  
 Wilson Industrial School for Girls, 125 St. Mark's Pl.  
 Woman's Baptist Home for City Missionaries, 477 W. 22d St.  
 Woman's Shelter, 243 Bowery.

## Brooklyn Navy Yard.

UNITED STATES NAVAL STATION ENTRANCE, FOOT SANDS STREET, BROOKLYN BOROUGH.

Commandant—Rear-Admiral Albert S. Barker.

- Captain of the Yard—Capt. P. F. Harrington.  
 Ordnance Officer—Commander J. B. Briggs.  
 Equipment Officer—Commander R. P. Rodgers.  
 General Storekeeper—Pay Dir. Edwin Putnam.  
 Pay Office—Pay Inspector L. G. Boggs.  
 Clothing Factory—Pay Inspector E. B. Rogers.  
 Chief Engineer of the Yard—Capt. J. A. B. Smith.  
 Civil Engineers—C. A. Wentworth, E. R. Gayler,  
 L. F. Bellinger.
- Naval Constructor—W. L. Capps.  
 Naval Hospital—Medical Director H. J. Babin.  
 Naval Laboratory and Department of Instruction—Medical Inspector T. H. Streets.  
 Marine Barracks—Col. R. L. Meade.  
 Inspection Board—Capt. J. M. Miller.  
 Purchasing Paymaster (280 Broadway, N. Y.)—  
 Pay Director Arthur Burtis.  
 Labor Board—Com. J. D. Adams, Recorder.

Passes to the Navy Yard will only be recognized on the day stated on the pass. Passes can be secured by writing to the Captain of the Yard, or at Sands Street gate between 9 A. M. and 4 P. M. A postage stamp must be inclosed. Visiting hours are between 10 A. M. and 4 P. M. Application to visit the ships in the yard must be made to the executive officers on board.

## Pawnbrokers' Regulations in the City of New York.

PAWNBROKERS in New York City are regulated by statute. The rate of interest fixed by law is 3 per cent a month or any fraction of a month for the first six months, and 2 per cent per month for each succeeding month upon any loan not exceeding \$100, and 2 per cent a month for the first six months and 1 per cent a month for each succeeding month on any loan exceeding \$100. Pledges cannot be sold until after they have been kept one year, and then at public auction by a licensed auctioneer, after publication of at least six days in two daily newspapers designated by the Mayor. Pawnbrokers pay a yearly license fee of \$500 to the city and are under the control of the Mayor. The license is issued through the Bureau of Licenses, and their books must be kept open to the Mayor, Criminal Courts, Magistrates, and Police.

## PROVIDENT LOAN SOCIETY, 279 4TH AVE., 186 ELDRIDGE ST., 119 W. 42D ST., 105 E. 125TH ST.

Office hours: 9 A. M. to 5 P. M.; Saturday to 6 P. M. Ticket good for one year only. Loans may be paid by instalments, in sums not less than \$1. Rate of interest: One per cent per month, or any fraction thereof. On loans of \$250 and over the rate of interest is 10 per cent per annum. Only one-half month interest charged on all loans redeemed within two weeks after date of pledge. Condition of loan: Agreed to by the holder of the ticket in consideration of interest being charged at less than the rate allowed by law. The Provident Loan Society of New York shall not be liable for loss or damage by fire, breakage, dampness, theft, or moths; nor shall it be liable in any event for more than 25 per cent in addition to the amount loaned. Otto T. Bannard, President; James Speyer, Treasurer; Robert W. De Forest, Secretary; Max G. Hopf, Assistant to Treasurer; Moses Aufses, Manager.

The loan may be renewed at or before maturity on payment of the full amount of interest due, accompanied by the ticket. When making payment by instalment, the full amount of interest due on the sum loaned must be included, and the ticket must be returned. The interest due on the loan cannot be paid by instalment. The Society has thus far limited the classes of personal property on which it has made loans to clothing and so-called "jewelry," including under that designation all articles of gold or silver, precious stones, opera-glasses, eye-glasses, also men's clothing in good condition, and ladies' and men's furs.

## Banks in Manhattan and Bronx Boroughs.

The Clearing-House is at 77 Cedar Street, Manhattan Borough. Wm. Sherer is manager, Wm. J. Gilpin, assistant manager. Sixty banks are associated for the purpose of exchanging the checks and bills they hold against each other. Other banks, not members of the association, clear through members. The representatives of the members appear at the Clearing-House at 10 o'clock A. M. every business day, with the checks and bills to be exchanged. The resulting balances are ascertained in about an hour, and before half-past one o'clock those indebted pay their balances, and after that hour the other banks receive the amounts due them. The Clearing-House has been in operation since 1853.

Following are extracts from the Manager's annual report for year ending September 30, 1902: The Clearing-House transactions for the year have been as follows: Exchanges, \$74,753,189,435.86; balances, \$3,377,504,072.11; total transactions, \$78,130,693,507.97. The average daily transactions: Exchanges, \$245,898,649.46; balances, \$11,110,210.76; total, \$256,793,423.21. Total transactions since organization of Clearing-House (49 years): Exchanges, \$1,435,161,868,993.05; balances, \$68,263,324,729.55; total, \$1,503,425,193,722.60.

Banks are open from 10 A. M. to 3 P. M., and on Saturdays from 10 A. M. to 12 noon. Commercial paper, except sight or demand bills, falling due on Saturday, is payable on the following business day.

### NATIONAL BANKS.

| NAME.               | Location.             | Capital.    | Surplus and Undivided Profits. | President.         | Cashier.          |
|---------------------|-----------------------|-------------|--------------------------------|--------------------|-------------------|
| American Exchange   | 128 Broadway          | \$5,000,000 | \$3,600,000                    | Dumont Clarke      | Edward Burns      |
| Astor               | 20 W. 34th St.        | 300,000     | 502,163                        | Geo. F. Baker      | Geo. W. Pancoast  |
| Bank of Commerce    | Nassau, c. Cedar      | 10,000,000  | 7,434,144                      | Jos. C. Hendrix    | W. C. Duvall      |
| Bank of New York    | 48 Wall St.           | 2,000,000   | 2,288,400                      | Herbert L. Griggs  | Charles Olney     |
| Bank of N. America  | 35 William St.        | 2,000,000   | 2,100,000                      | Richard L. Edwards | A. H. Curtis      |
| Broadway            | 237 Broadway          | 1,000,000   | 1,900,000                      | Miles M. O'Brien   | Chas. J. Day      |
| Broadway Central    | B' way & Houston St.  | 250,000     | .....                          | James J. Cogan     | .....             |
| Butchers & Drovers' | B' way, cor. 3d St.   | 300,000     | 88,000                         | D. H. Rowland      | William H. Chase  |
| Central             | 320 Broadway          | 1,000,000   | 577,684                        | Edwin Langdon      | C. S. Young       |
| Chase               | 83 Cedar St.          | 1,000,000   | 3,262,696                      | H. W. Cannon       | E. J. Stalker     |
| Chatham             | 192 Broadway          | 450,000     | 1,465,000                      | George M. Hard     | H. P. Doremus     |
| Chemical            | 270 Broadway          | 300,000     | 7,240,690                      | Geo. W. Williams   | Francis Halpin    |
| Citizens'           | 407 Broadway          | 1,550,000   | 617,664                        | Edwin S. Schenck   | Henry Dimse       |
| City                | 52 Wall St.           | 25,000,000  | 15,284,987                     | James Stillman     | H. M. Kilborn     |
| Consolidated        | 57 Broadway           | 1,000,000   | 1,000,000                      | Willis S. Paine    | Thos. J. Lewis    |
| East River          | 680 Broadway          | 250,000     | 151,214                        | Raymond Jenkins    | Zenas E. Newell   |
| Equitable           | B' way, cor. 11th St. | 200,000     | .....                          | James M. Bell      | James S. O'Neale  |
| Fifth National      | 3d Ave. & 23d St.     | 200,000     | 400,000                        | S. Kelly           | Andrew Thompson   |
| First National      | 2 Wall St.            | 1,000,000   | 12,219,882                     | George F. Baker    | C. D. Backus      |
| Fourth National     | 14 Nassau St.         | 3,000,000   | 2,710,364                      | J. Edw. Simmons    | C. H. Patterson   |
| Gallatin            | 36 Wall St.           | 1,000,000   | 2,044,120                      | Sam. Woolverton    | G. E. Lewis       |
| Garfield            | 23d St. & 6th Ave.    | 1,000,000   | 1,299,780                      | R. W. Poor         | W. L. Douglass    |
| Hanover             | Nassau St., cor. Pine | 3,000,000   | 5,908,794                      | Jas. T. Woodward   | William Logan     |
| Imp'rs & Traders'   | 247 Broadway          | 1,500,000   | 6,180,824                      | Edward Townsend    | H. H. Powell      |
| Irving              | 287 Greenwich St.     | 1,000,000   | 1,000,000                      | Charles H. Fancher | B. F. Werner      |
| Leather Manuf'rs'   | 29 Wall St.           | 600,000     | 525,000                        | G. W. McGarrath    | Frank O. Roe      |
| Liberty             | 129 Broadway          | 1,000,000   | 1,900,000                      | E. C. Converse     | Chas. W. Riecks   |
| Lincoln             | 32 East 42d St.       | 300,000     | 1,236,465                      | Thomas L. James    | C. E. Warren      |
| Manhattan           | B' way & 11th St.     | 300,000     | .....                          | C. Van Cott        | John Carroway     |
| Market and Fulton   | 81 Fulton St.         | 900,000     | 1,056,647                      | A. Gilbert         | T. J. Stevens     |
| Mechanics'          | 33 Wall St.           | 2,000,000   | 2,552,423                      | G. W. Garth        | A. A. Knowles     |
| Mercantile          | 191 Broadway          | 1,000,000   | 1,429,210                      | Fred'k B. Schenck  | James V. Lott     |
| Mercants'           | 42 Wall St.           | 2,000,000   | 1,240,400                      | R. M. Galloway     | Wm. B. T. Keyser  |
| Mercants' Exch.     | 257 Broadway          | 600,000     | 300,000                        | P. C. Lounsbery    | Allen S. Apgar    |
| National Park       | 214 Broadway          | 2,000,000   | 4,511,386                      | Richard Delafield  | George S. Hickok  |
| New Amsterdam       | B' way, cor. 39th     | 500,000     | 575,000                        | R. R. Moore        | G. J. Baumann     |
| New York County     | 8th Ave., cor. 14th   | 200,000     | 600,000                        | Francis L. Leland  | Frederick Fowler  |
| N.Y. National Exch. | 90 West Broadway      | 500,000     | 364,000                        | James Rowland      | Rollin P. Grant   |
| Northern            | 692 Broadway          | 300,000     | 200,000                        | Frank C. Mayhew    | Chas. G. Balmaino |
| Phenix              | 49 Wall St.           | 1,000,000   | 286,970                        | Duncan D. Parmly   | Alfred M. Bull    |
| Seaboard            | 18 Broadway           | 500,000     | 1,200,000                      | Samuel G. Bayne    | J. F. Thompson    |
| Second National     | 5th Ave., cor. 23d    | 300,000     | 1,205,540                      | James Stillman     | Joseph S. Case    |
| Seventh National    | 134 Broadway          | 2,500,000   | 161,007                        | Edwin Gould        | R. W. Jones, Jr.  |
| Shoe and Leather    | 371 Broadway          | 1,000,000   | 303,000                        | W. L. Moyer        | .....             |
| Thirty-Fourth St.   | .....                 | 200,000     | .....                          | .....              | Curtis J. Board   |
| United              | B' way & 42d St.      | 1,000,000   | 220,000                        | H. W. Genniferich  | W. W. Warner      |
| Western             | Pine, cor. Nassau     | 10,000,000  | 3,125,900                      | V. P. Snyder       | Chas. L. Robinson |

### STATE BANKS.

|                      |                         |             |             |                    |                      |
|----------------------|-------------------------|-------------|-------------|--------------------|----------------------|
| Bank of America      | 44 Wall St.             | \$1,500,000 | \$3,276,564 | William H. Perkins | W. M. Bennet         |
| Bank of Metropolis   | 29 Union Square         | 1,000,000   | 1,300,000   | Theodore Rogers    | E. C. Evans          |
| Bowery               | Bowery, cor. Grand      | 250,000     | 776,506     | John S. Foster     | Charles Essig        |
| Bronx Bor'gh Bank    | 731 Tremont Ave.        | 50,000      | 55,000      | C. A. Becker       | Morris M. Corwin     |
| Colonial             | 480 Columbus Ave.       | 100,000     | 170,000     | Alexander Walker   | Wm. C. Duncan        |
| Columbia             | 5th Ave., cor. 42d      | 300,000     | 253,694     | Joseph Fox         | W. S. Griffith       |
| Corn Exchanget       | William & Beaver        | 2,000,000   | 3,175,958   | William A. Nash    | Fred'k T. Martin     |
| Fidelity             | Mad. Ave., c. 75th      | 200,000     | 100,000     | Edward H. Peaslee  | E. W. Dutton (act'g) |
| 5th Av. Bank of N.Y. | 530 Fifth Ave.          | 100,000     | 1,570,806   | A. S. Frissell     | Frank Dean           |
| Fourteenth Street    | 1 East 14th St.         | 100,000     | 91,000      | R. R. Appleton     | Irving C. Gaylord    |
| Gansevoort           | 14th St., cor. 9th Ave. | 200,000     | 275,000     | T. A. Adams        | H. M. Sheive         |

† Branches at Columbus Ave. and 66th and 104th Sts. † Branches, Broadway and Spring St., 23 Astor Pl., 260 Columbus Ave., 5th Ave., cor. 19th St.; 42d St., cor. 8th Ave.; 7 E. 42d St., 202 Broadway, Ave. D, cor. 10th St.; Broadway, cor. 28th St.; cor. Grand and Norfolk Sts., S Union Square, Queens County Bank, Long Island City; 135 Fulton Ave., Borough of Queens; Franklin St. and Greenpoint Ave.



STATE BANKS—MANHATTAN AND BRONX BOROUGH—Continued.

| NAME.               | Location.             | Capital.  | Surplus and Undivided Profits. | President.          | Cashier.           |
|---------------------|-----------------------|-----------|--------------------------------|---------------------|--------------------|
| German-American     | 23 Broad St.          | \$750,000 | \$400,000                      | Casimir Tag.        | J. F. Fredericks.  |
| German Exchange     | 330 Bowery            | 200,000   | 629,799                        | Michael J. Adrian.  | Charles L. Adrian. |
| Germaniat.          | 190 Bowery            | 200,000   | 850,000                        | Edward C. Schaefer  | Loftin Love.       |
| Greenwich           | 402 Hudson St.        | Con       | trolled by                     | Hanover National    | Bank.              |
| Hamilton            | 212 W. 125th St.      | 200,000   | 107,000                        | F. W. Kinsman, Jr.  | Jesse C. Joy.      |
| Manhattan Compa'y   | 505 Wall St.          | 2,050,000 | 220,000                        | Stephen Baker.      | D. H. Pierson.     |
| Mechanics & Traders | 565 Broadway          | 700,000   | 338,000                        | Leo Schlesinger.    | A. M. Dederer.     |
| Mount Morris        | 85 E. 125th St.       | 250,000   | 90,000                         | L. M. Schwan        | L. H. Hill.        |
| Mutual              | B' way, c. 33d St.    | 300,000   | 100,000                        | James McClenahan.   | Langley W. Wiggin. |
| Nassau              | 9 Beekman St.         | 500,000   | 315,000                        | F. H. Richardson.   | Wm. H. Rogers.     |
| N. Y. Produce Exch. | Produce Exch. Bldg.   | 1,000,000 | 470,346                        | Forrest H. Parker.  | Wm. A. Sherman.    |
| Nineteenth Ward     | 3d Ave. & 57th St.    | 300,000   | 178,900                        | Joseph J. Kittel.   | Louis H. Holloway. |
| Oriental            | 122 Bowery            | 600,000   | 407,267                        | Nelson G. Ayres.    | Joseph E. Kehoe.   |
| Pacific             | 470 Broadway          | 422,700   | 643,632                        | Harold B. Brundrett | Sam. C. Merwin.    |
| People's            | 395 Canal St.         | 200,000   | 378,494                        | Scott Foster.       | William Milne.     |
| Plaza               | 5th Ave., c. W. 58th  | 100,000   | 245,000                        | W. McM. Mills.      | E. M. Clarke.      |
| Riverside           | 8th Ave., c. 57th St. | 100,000   | 105,000                        | H. C. Copeland.     | H. H. Bzallion.    |
| State               | 378 Grand St.         | 100,000   | 369,477                        | Oscar L. Richard.   | A. T. Voorhis.     |
| Twelfth Ward        | 125th, c. Lex'n Ave.  | 200,000   | 95,000                         | Thomas F. Gilroy.   | F. E. French.      |
| Twenty-third Ward   | 125th St. & 3d Ave.   | 100,000   | 37,000                         | Charles W. Bogart.  | George E. Edwards. |
| Varick              | 260 W. Broadway       | 100,000   | 60,900                         | J. T. Sproull.      | A. H. Day.         |
| Washington H'ghts.  | Amstn. Ave. & 155th   | 100,000   | 107,000                        | Robert J. Hognuet.  | William Clark.     |
| Wells, Fargo & Co's | 63 Broadway           | 100,000   | 50,000                         | Homer S. King.      | H. B. Parsons.     |
| West Side           | 485 Eighth Ave.       | 200,000   | 486,000                        | C. F. Tietjen       | Walter Westervelt. |
| Yorkville           | 85th St., c. 3d Ave.  | 100,000   | 260,000                        | R. Van Der Emde.    | W. L. Frankenbach. |

\* Branch at 1707 Amsterdam Avenue. † Branch at 1st Avenue and 77th Street. ‡ Branches at Madison Avenue, near 60th Street, corner Columbus Avenue and 92d Street, corner 58th Street and 7th Avenue, corner 116th Street and 3d Avenue.

Banks for Savings  
IN MANHATTAN AND BRONX BOROUGHS.

| NAME.               | Location.                  | President.         | No. of Depositors. | Deposits.   | Rate of Interest. | Surplus.            | Business Hours. [Unless otherwise stated banks close at 12 noon on Saturdays.]              |
|---------------------|----------------------------|--------------------|--------------------|-------------|-------------------|---------------------|---------------------------------------------------------------------------------------------|
| American            | 5th Av. & 42d St.          | Edward V. Loew     | 5,804              | \$1,720,000 | 3 1/2             | ....                | 9 A. M. to 4 P. M.; Monday, 6 to 8 P. M. also.                                              |
| Bank for Savings    | 4th Av., c. 22d St.        | Merritt Trimble    | 148,986            | 68,642,610  | 3 1/2             | \$4,622,735         | 10 A. M. to 3 P. M.; Monday, 10 A. M. to 6 P. M. also.                                      |
| Bowery              | 130 Bowery                 | John D. Hicks      | 139,229            | 80,404,474  | 3 1/2             | 6,206,119           | 10 A. M. to 3 P. M.                                                                         |
| Broadway            | 4 Park Place               |                    | 10,000             | 7,600,000   | 4                 | 600,000             | 10 A. M. to 3 P. M.                                                                         |
| Citizens'           | 53 Bowery                  | Henry Hasler       | 30,662             | 13,923,185  | 3 1/2             | 1,768,937           | 10 A. M. to 3 P. M.                                                                         |
| Dollar              | Third Ave., near 148th St. | John Haften        | 15,700             | 2,030,000   | 3 1/2             | 2,500               | 10 A. M. to 3 P. M.; Monday, 10 A. M. to 9 P. M.                                            |
| Dry Dock            | 341 Bowery                 | Andrew Mills       | 64,294             | 27,322,251  | 3 1/2             | 2,566,842           | 10 A. M. to 3 P. M.                                                                         |
| East River          | 3 Chambers St.             | Chas. Frazier      | 22,502             | 19,157,138  | 3 1/2             | 2,600,000           | 10 A. M. to 3 P. M.                                                                         |
| Emigrant Industrial | 51 Chambers St.            | James McMahon      | 95,408             | 64,192,809  | 3 1/2             | 6,296,234           | 10 A. M. to 4 P. M.                                                                         |
| Empire City         | 231 W. 125th St.           | Isaac A. Hopper    | 15,000             | 1,975,000   | 3 1/2             | 32,000              | 9 A. M. to 3 P. M.; Mon. and Sat., 7 to 9 P. M. also.                                       |
| Excelsior (a)       | 23d St., c. 6th Av.        | William J. Rooms   | 11,223             | 3,763,582   | 3 1/2             | 177,284             | 10 A. M. to 3 P. M.; Mon., 6 to 8 P. M. also, except in June, July, Aug., and Sept.         |
| Franklin            | 8th Ave., c. 42d St.       | Archibald Turner   | 36,815             | 12,597,642  | 3 1/2             | 815,000             | 10 A. M. to 3 P. M.; Monday, 6 to 8 P. M. also.                                             |
| German              | 4th Ave., c. 14th St.      | Casimir Tag.       | 112,210            | 52,344,519  | 3 1/2             | 5,174,854           | 10 A. M. to 3 P. M.; Monday, 10 A. M. to 8 P. M. also.                                      |
| Greenwich           | 248 Sixth Ave.             | John H. Rhoades    | 81,056             | 43,729,131  | 3 1/2             | 4,735,451           | 10 A. M. to 3 P. M.                                                                         |
| Harlem              | 2281 Third Ave.            | Charles B. Tooker  | 38,899             | 11,173,381  | 3-4               | 816,279             | 10 A. M. to 3 P. M.; Monday, 6 to 8 P. M. also.                                             |
| Irving              | 115 Chambers St.           | Wm. H. B. Totten   | 21,947             | 16,394,028  | 4                 | 961,378             | 10 A. M. to 3 P. M.                                                                         |
| Manhattan           | 644 Broadway               | Joseph Bird        | 11,103,627         | 3 1/2       | 1,091,217         | 10 A. M. to 4 P. M. |                                                                                             |
| Merchants' Clerks   | 10 Union Sq. E.            | F. M. Hurbut       | 13,746             | 8,810,350   | 3 1/2             | 948,694             | 10 A. M. to 3 P. M.                                                                         |
| Metropolitan        | 2 Third Ave.               | J. B. Currey       | .....              | 11,694,542  | 3 1/2             | 654,254             | 10 A. M. to 3 P. M.; Monday, 5 to 7 P. M. also.                                             |
| New York            | 8th Ave., c. 14th St.      | Wm. Felsing        | 30,000             | 17,132,668  | 3 1/2             | 2,241,454           | 10 A. M. to 3 P. M.; Monday, 5 to 7 P. M. also.                                             |
| North River         | 266 W. 34th St.            | Samuel D. Styles   | 15,617             | 6,104,941   | 3 1/2             | 364,785             | 10 A. M. to 3 P. M.; Monday, 6 to 8 P. M. also.                                             |
| Seamen's            | 74 Wall St.                | William C. Sturges | 89,522             | 55,000,000  | 4                 | 4,656,762           | 10 A. M. to 3 P. M.                                                                         |
| Union Dime          | B'way, c. 32d St.          | Chas. E. Sprague   | 80,000             | 22,000,000  | 3 1/2             | 1,200,000           | 10 A. M. to 3 P. M.; Monday, 10 A. M. to 7 P. M. also.                                      |
| United States       | 606 Madison Ave.           | Const. A. Andrews  | 8,458              | 1,602,571   | 3 1/2             | 31,260              | 10 A. M. to 4 P. M.; Sat., 10 to 12 noon, and 7 to 9 P. M.                                  |
| Washington          | Broadway & 65th St.        | G. E. Waldo        | 1,464              | 179,000     | 4                 | 1,800               | 9 A. M. to 3 P. M.; Mon., 6 to 8 P. M. also; Sat., 9 A. M. to 12 M., and 6 to 8 P. M. also. |
| West Side           | Sixth Av., c. 9th St.      | Stephen G. Cook    | 6,700              | 1,250,000   | 3 1/2             | 30,000              | 9 A. M. to 3 P. M.; Mon., 8 to 9 P. M. also.                                                |

‡ Subject to change. (a) Report at close of 1901.

**Safe Deposit Companies in Manhattan Borough.**

American, 501 Fifth Avenue.  
 Atlantic, 51 Wall Street.  
 Bankers', 4 Wall Street.  
 Broadway, 565 Broadway.  
 Broadway-Maiden Lane, 170 Broadway.  
 Colonial, 220 Broadway.  
 Fifth Avenue, 130 Fifth Avenue.  
 Garfield, Sixth Avenue and 23d Street.  
 Knickerbocker, 234 Fifth Avenue.  
 Lincoln, 32 East 42d Street, 45 East 41st Street.  
 Manhattan Warehouse, 42d Street and Lexington Avenue, Seventh Avenue and 52d Street.  
 Mercantile, 122 Broadway.

Merchants', West Broadway and Beach Street.  
 Metropolitan, 3 East 14th Street.  
 Mount Morris, Park Avenue, corner 125th Street.  
 National Safe Deposit, 32 Liberty Street.  
 New Amsterdam, 1411 Broadway.  
 New York County, 79 Eighth Avenue.  
 Produce Exchange, 2 Broadway.  
 Safe Deposit Company of New York, 140 Broadway.  
 Standard, 25 Broad Street.  
 Stock Exchange, 10 Broad Street.  
 Tiffany & Co., 15 Union Square.  
 United States, Broadway and West 73d Street.

**Trust Companies in Manhattan Borough,**

WITH NAMES OF PRESIDENTS.

American Deposit and Loan Company, 149 Broadway, William T. Cornell.  
 American Loan and Trust Co., 20 Nassau St.  
 Atlantic, 49 Wall St., L. V. E. Randolph.  
 Birkbeck Investments, Savings, and Loan Company, 3 Cooper Union, C. S. Fairchild.  
 Bowling Green, 26 Broadway, Edwin Gould.  
 Broadway, 756 Broadway, Moses May.  
 Central Realty Bond and Trust Company, 115 Broadway, Henry Morgensthan.  
 Central, 54 Wall St., F. P. Olcott.  
 City, 36 Wall St., James K. Curran.  
 Colonial, 222 Broadway, J. E. Borne.  
 Continental, 30 Broad St., O. T. Bannard.  
 Corporation, 52 Broadway, C. F. Phillips.  
 Corporation (of New York), 135 Broadway, H. K. Wood.  
 Empire State, 88 Wall St.  
 Eastern, 115 Broadway, Charles M. Jesup.  
 Farmers' Loan and Trust Company, 20 and 22 William St., Edwin S. Marston.  
 Fifth Avenue, 514 Fifth Ave., Levi P. Morton.  
 Guaranty, 28 Nassau St., W. G. Oakman.  
 Guardian, 170 Broadway, Bird S. Coler.  
 Holland, 99 Cedar St., J. D. Vermeule.  
 Industrial, 69 Liberty St., C. S. Edwards.  
 Knickerbocker, Fifth Ave., cor. 27th St., 66 Broadway, and W. 125th St., cor. Lenox Ave., Charles T. Barney.  
 Lincoln, 208 Fifth Ave., 1128 Broadway, H. R. Wilson.  
 Manhattan, 20 Wall St., John I. Waterbury.  
 Manufacturers', 20 Broad St., W. J. Coombs.  
 Mercantile, 120 Broadway, Louis Fitzgerald.  
 Merchants', 320 Broadway, Edwin Langdon.

Metropolitan, 37 Wall St., Brayton Ives.  
 Morton, 38 Nassau St., Levi P. Morton.  
 Mutual Alliance, 323 Grand St., Kalman Haas.  
 New York and London, 62 Cedar St., Joseph Pool.  
 New York Life Insurance and Trust Company, 52 Wall St., Henry Parish.  
 New York Realty and Trust Company, 489 Fifth Ave., A. S. Brownell.  
 New York Security and Trust Company, 46 Wall St., Charles S. Fairchild.  
 New York Warehouse and Security Company, 11 William St., Frederick Sturges.  
 North American, 135 Broadway, Oakleigh Thorne.  
 Real Estate, 30 Nassau St., H. C. Swords.  
 Realty Trust Company, 60 Liberty St., 15 E. 14th St., W. C. Demarest.  
 Registration and Trust Company, 41 Cedar St., Alvan Trowbridge.  
 Security Trust and Life Insurance Company, 113 1/2 Broadway, R. E. Pattison.  
 Southern, 59 Wall St., G. W. Ballou.  
 Standard, 25 Broad St., W. C. Lane.  
 Trust Company of America, 149 Broadway, Ashbel P. Fitch.  
 Trust Company of the Republic, 346 Broadway; Branch 71 William St., D. Le Roy Dresser.  
 Union, 80 Broadway, Edward King.  
 United States, 45 Wall St., Lyman J. Gage.  
 United States Mortgage and Trust Company, 59 Cedar St., Broadway, cor. W. 73d St., George W. Young.  
 Universal, 135 Broadway, D. E. Sickles.  
 Van Norden, 751 Fifth Ave., W. M. Van Norden.  
 Washington, 280 Broadway, D. M. Morrison.

**Police Station-Houses in Manhattan and Bronx.**

PRECINCT AND LOCATION.

|                                                     |                                     |                                               |
|-----------------------------------------------------|-------------------------------------|-----------------------------------------------|
| 1st. Old Slip and Front Street.                     | 16th. 253 Mercer Street.            | 31st. 438 W. 125th Street.                    |
| 2d. Liberty and Church Streets.                     | 17th. 230 W. 20th Street.           | 32d. 148 E. 126th Street.                     |
| 3d. City Hall.                                      | 18th. 327 E. 22d Street.            | 33d. Amsterdam Avenue, cor. 152d Street.      |
| 4th. Brooklyn Bridge Arch.                          | 19th. 137 W. 30th Street.           | 34th. High Bridge.                            |
| 5th. 9 Oak Street.                                  | 20th. 434 W. 37th Street.           | 35th. Alexander Avenue, cor. E. 138th Street. |
| 6th. 19 Elizabeth Street.                           | 21st. 160 E. 35th Street.           | 36th. 160th Street, cor. 3d Avenue.           |
| 7th. 247 Madison Street.                            | 22d. 347 W. 47th Street.            | 37th. 1956 Washington Avenue.                 |
| 8th. 19 Leonard Street.                             | 23d. Grand Central Station.         | 38th. Town Hall, Westchester.                 |
| 9th. 135 Charles Street.                            | 24th. 163 E. 51st Street.           | 39th. Wakefield.                              |
| 10th. 24 Macdougall Street.                         | 25th. 153 E. 67th Street.           | 40th. 6 Kingsbridge Road.                     |
| 11th. 205 Mulberry Street.                          | 26th. 150 W. 68th Street.           | 41st. Bronx Park.                             |
| 12th. 105 Eldridge Street.                          | 27th. Central Park, Arsenal.        | 42d. Pier A, North River.                     |
| 13th. Attorney and Delancey Sts.                    | 28th. 492 E. 88th Street.           | 43d. Pier A, North River.                     |
| 14th. Union Market, E. Houston and Sheriff Streets. | 29th. 104th Street, near 3d Avenue. |                                               |
| 15th. 79 1st Avenue.                                | 30th. 134 W. 100th Street.          |                                               |

**Great Railroad Stations—Passenger Traffic.**

| STATION.                                     | Passengers per annum. | STATION.                                         | Passengers per annum. |
|----------------------------------------------|-----------------------|--------------------------------------------------|-----------------------|
| St. Louis Union Station, St. Louis.          | 8,000,000             | Park Street Station, Boston Subway.              | 27,400,000            |
| Grand Central Station, New York City.        | 14,000,000            | Waterloo Station, London and South Western.      | 23,655,118            |
| South Union Station, Boston.                 | 21,000,000            | St. Lazare Station, P. Ouest, Paris.             | 43,022,658            |
| North Union Station, Boston.                 | 23,108,334            | Liverpool Street Station, Great Eastern, London. | 44,877,000            |
| Broad Street Station, North London Railroad. | 27,000,000            |                                                  |                       |

## Banks in Brooklyn and Queens Boroughs.

### NATIONAL AND STATE BANKS.

| NAME.               | Location.           | Capital.  | Surplus and Undivided Profits. | President.        | Cashier.           |
|---------------------|---------------------|-----------|--------------------------------|-------------------|--------------------|
| Bedford             | Bedford & Halsey    | \$150,000 | .....                          | E. G. Blackford   | Howard M. Smith.   |
| Borough             | 20 Court St.        | 100,000   | .....                          | Howard Maxwell    | .....              |
| Broadway            | 12 Graham Ave.      | 100,000   | \$200,000                      | H. Batterman      | George F. Moger.   |
| Brooklyn            | Clinton & Fulton    | 300,000   | .....                          | H. E. Hutchinson  | Thomas M. Halsey.  |
| Coney I. & Bath B.  | Surf Ave.           | 100,000   | 50,000                         | .....             | .....              |
| Eighth Ward         | 3d Ave. & 39th St.  | 100,000   | 118,000                        | John C. Kelley    | Wm. J. Brown.      |
| Far Rockaway        | Far Rockaway        | 25,000    | 45,000                         | S. R. Smith       | W. V. Smith.       |
| Fifth Avenue        | 8th St. & 5th Ave.  | C         | controlled by Mechanics' Bank  | .....             | .....              |
| First National      | Kent Ave. & B'way.  | 300,000   | 552,000                        | John G. Jenkins   | W. A. Field.       |
| Flushing            | Flushing            | 50,000    | .....                          | Joseph Dykes      | W. H. D. Nimmo.    |
| Jamaica             | Jamaica             | 50,000    | 62,000                         | .....             | W. D. Llewellyn.   |
| Manufacturers' Nat. | 84 Broadway         | 252,000   | 488,646                        | John Loughran     | J. C. Nightingale. |
| Mechanics & Traders | Court & Montague    | 500,000   | 350,000                        | Geo. W. Chauncey  | Chas. F. Wheeler.  |
| Mechanics & Traders | Franklin & Gr'point | 100,000   | .....                          | Henry J. Oldring  | Geo. W. Payntar.   |
| Nassau National     | 808 Broadway        | 100,000   | 40,289                         | E. M. Hendrickson | H. D. Johnson.     |
| National City       | Court & Remsen      | 300,000   | 623,275                        | Thomas T. Barr    | Edgar McDonald.    |
| North Side          | 350 Fulton St.      | 300,000   | 598,000                        | Charles T. Young  | Henry M. Wells.    |
| People's            | B'way & Greene Ave  | 100,000   | 155,000                        | Thomas W. Kiley   | Paul E. Bonner.    |
| Seventeenth Ward    | 883 Manhattan Ave.  | 100,000   | 150,793                        | James Gascoine    | G. W. Spence.      |
| Sprague National    | 4th Ave. & Atlantic | 100,000   | 79,950                         | E. A. Walker      | Walter Wilmurt.    |
| Twenty-sixth Ward   | 2590 Atlantic Ave.  | 200,000   | 250,671                        | N. T. Sprague     | James M. Doremus.  |
| Union †             | Court & Montague    | 150,000   | 62,000                         | Dittmas Jewell    | J. K. Alexander.   |
| Wallabout           | 418 Myrtle Ave.     | 200,000   | 120,000                        | S. M. Griswold    | James T. Ashley.   |
| Woodhaven           | Woodhaven           | 100,000   | 65,672                         | Charles M. Englis | Joseph B. Pigot.   |
|                     |                     | 25,000    | 18,503                         | Wm. F. Wyckoff    | John L. Wyckoff.   |

## Banks for Savings in Brooklyn and Queens Boroughs.

| NAME.                | Location.                     | President.        | No. of Depositors. | Deposits.   | Rate of Int.* | Surplus.  | Business Hours. [Unless otherwise stated banks close at 12 noon on Saturdays.]                  |
|----------------------|-------------------------------|-------------------|--------------------|-------------|---------------|-----------|-------------------------------------------------------------------------------------------------|
| Brevoort             | 1198 Fulton St.               | .....             | 5,752              | \$1,132,533 | 3½%           | \$23,247  | 9 A. M. to 3 P. M.; Monday, 7 to 9 P. M. also.                                                  |
| Brooklyn             | Clinton & Pierre-point Sts.   | Bryan H. Smith    | 62,000             | 36,000,000  | 3½%           | 3,000,000 | 10 A. M. to 3 P. M.; Monday, 5 to 7 P. M. also.                                                 |
| Bushwick             | Grand St., cor. Graham Ave.   | John Davies       | .....              | 2,584,714   | 3½%           | 80,368    | 10 A. M. to 3 P. M.; Monday, 4 to 7 P. M. also.                                                 |
| City                 | 4th & Flatbush Aves.          | R. Rushmore       | 5,500              | 1,260,000   | 3½%           | 42,000    | 9 A. M. to 3 P. M.; Monday, 6 to 8 P. M. also.                                                  |
| College Pt. †        | College Point                 | Geo. L. Gillette  | 1,934              | 634,988     | 4             | 65,307    | 6 to 8 P. M. Wed. & Sat.; not open for business during day.                                     |
| Dime                 | Court & Remsen Sts.           | B. H. Huntington  | 63,466             | 28,879,659  | 3½%           | 2,248,556 | 9 A. M. to 3 P. M.; Monday, 5 to 7 P. M. also.                                                  |
| Dime of Williamsburg | 52 Broadway                   | John Mollenhauer  | 10,000             | 4,540,000   | 3½%           | 325,000   | 10 A. M. to 3 P. M.; Monday, 5 to 7 P. M. also.                                                 |
| E. Brooklyn          | 643 Myrtle Ave.               | D. R. James       | 12,107             | 4,007,000   | 3½%           | 318,000   | 9 A. M. to 3 P. M.                                                                              |
| East District        | Broadway and Gates Ave.       | Lewis E. Meeker   | 5,904              | 1,020,000   | 4             | 12,000    | 10 A. M. to 3 P. M.; Mon. & Sat., 6 to 8 P. M. also.                                            |
| E. New York          | Atlantic and Penna. Aves.     | Fred. Middendorf  | 5,003              | 1,322,086   | 4             | 140,698   | 10 A. M. to 3 P. M.; Monday, 6 to 8 P. M. also.                                                 |
| German               | Broadway and Boerum St.       | Charles Naeher    | 22,626             | 7,000,000   | 3½%           | 470,000   | 10 A. M. to 2 P. M.; Monday, 5 to 8 P. M. also.                                                 |
| Germania             | 375 Fulton St.                | Chas. A. Schieren | .....              | 5,243,695   | 2½%           | 361,244   | 9 A. M. to 3 P. M.; Monday, 5 to 7 P. M. also.                                                  |
| Greater New York     | 5th Ave., cor. 12th St.       | C. J. Obermayer   | 4,448              | 664,682     | 4             | 7,500     | 9 A. M. to 4 P. M.; Monday, 7 to 9 P. M. also.                                                  |
| Greenpoint           | 845 Manhattan Ave.            | Timothy Perry     | 11,133             | 3,915,000   | 2½%           | 563,478   | 9 A. M. to 2 P. M.; Mon. & Thurs., 6 to 8 P. M. also.                                           |
| Jamaica              | Jamaica                       | J. H. Sutphin     | 5,493              | 2,461,896   | 3½%           | 222,174   | 9 A. M. to 3 P. M.                                                                              |
| Kings County         | Broadway and Bedford Ave.     | Hubert G. Taylor  | 12,857             | 8,647,171   | 3½%           | 522,333   | 9 A. M. to 3 P. M.; Monday, 4 to 7 P. M. also.                                                  |
| L. I. City           | Long Isl'd City.              | W. J. Burnett     | 11,979             | 2,278,581   | 3-4           | 197,756   | 9 A. M. to 4 P. M.                                                                              |
| Queens Co.           | Flushing                      | George People     | .....              | 1,291,299   | 4             | 113,280   | Mon., 4 to 7 P. M.; Wed., 10 A. M. to 3 P. M.; Thurs., 7 to 8 P. M.; Sat., 10 A. M. to 12 noon. |
| S. Brooklyn          | Atlantic Ave. and Clinton St. | Alex. E. Orr      | 32,026             | 16,300,760  | 3½%           | 1,660,265 | 9 A. M. to 3 P. M.; Monday, 6 to 8 P. M. also.                                                  |
| Williamsburg         | 175 Broadway                  | J. V. Meserole    | 91,000             | 42,000,000  | 3½%           | 4,000,000 | 10 A. M. to 3 P. M.                                                                             |

\* Subject to change. † Report at close of 1901.

‡ Hamilton branch, 97 Hamilton Avenue.

## Safe Deposit Co's in Brooklyn and Queens Boroughs.

Brooklyn, Fulton, corner Clinton Street.  
 Brooklyn City, Montague and Clinton Streets.  
 Brooklyn Warehouse and Storage Company, 335 Schermerhorn Street.  
 Eagle Warehouse and Storage Company, 28 Fulton Street.

First National, Kent Avenue and Broadway.  
 Franklin, 166 Montague Street.  
 Long Island, Fulton and Clinton Streets.  
 Manufacturers', 84 Broadway.  
 Pioneer, 41 Flatbush Avenue.

## Baths in Manhattan and Bronx Boroughs.

THE free public baths of the City of New York are located on the Hudson and East Rivers as follows, subject to change:

### Hudson River.

Battery.  
Foot of Duane Street.  
" West Twentieth Street.  
" West Fifty-first Street.  
" West Eighty-second Street.  
" West One Hundred and Thirty-fourth Street.

### East River.

Foot of Rivington Street—hot and cold water open entire year.  
" Market Street.  
" Corlears Street.  
" Fifth Street.  
" East Eighteenth Street.  
" East Twenty-fourth Street.  
" East Fifty-first Street.  
" East Ninety-first Street.  
" East One Hundred and Twelfth Street.  
" East One Hundred and Thirty-sixth Street.

Visitors to the public baths are required to furnish their own towels and bathing suits. These must be removed when the bathers leave the place. The days for bathing in the season (June 12 to September 17) are: For females, Mondays, Wednesdays, and Fridays; for men and boys, the other days of the week and half a day on Sunday. The hours for bathing are from 5 o'clock in the morning until 9 o'clock in the evening. In very warm weather the bath-houses are open all night. Policemen are in attendance to preserve order and enforce the rules.

The bath-houses will accommodate 400 persons at trips of twenty minutes each. Each bather is allowed twenty minutes in the water. In each bath-house are two tanks—for adults, 4 feet 6 inches of water; children, 2 feet 6 inches.

## Hospitals in Manhattan and Bronx Boroughs.

American Veterinary. See "N. Y. Am. Veterinary."  
Austro-Hungarian, 322 3d Ave.  
Babies', 135 E. 55th St.  
Bellevue, foot E. 26th St.  
Beth Israel, Jefferson and Cherry Sts.  
City, Blackwell's Island, office foot E. 26th St.  
Columbus, 226 E. 20th St.  
Emergency for Women, 223 E. 26th St.  
Flower, Ave. A, cor. E. 63d St.  
Fordham, Aqueduct Ave., cor. St. James  
Free Home for Incurable Cancer, 426 Cherry St.  
French Benevolent Society, 320 W. 34th St.  
General Memorial, 2 W. 106th St.  
German, E. 77th St., cor. Park Ave.  
Gouverneur, Gouverneur Slip, cor. Front St.  
Hahnemann, Park Ave., near E. 67th St.  
Harlem Eye, Ear, and Throat Inf., 144 E. 127th St.  
Harlem, 533 E. 120th St.  
Homœopathic of Harlem, 63 W. 125th St.  
Hospital for Consumptives, Blackwell's Island.  
Hospital of the N. Y. Am. Veterinary Col., 337 E. 57th St.  
House of Relief, 67 Hudson St.  
J. Hood Wright Memorial Hospital, W. 131st St., cor. Amsterdam Ave.  
Laura Franklin, Free Hospital for Children, 17 E. 111th St.  
Lebanon, Westchester Ave., near Cauldwell Ave.  
Lincoln, E. 141st St., cor. Concord Ave.  
McDonough Memorial, 439 W. 41st St.  
Manhattan Eye and Ear, 103 Park Ave.  
Manhattan State Hospital, Ward's Island.  
Maternity, E. 69th St., cor. 3d Ave.  
Maternity Hospital of the New York Mothers' Home of the Sisters of Misericorde, 531 E. 86th St.  
Merchant Marine, 17 State St.  
Metropolitan, Blackwell's Island.  
Metropolitan Throat, 351 W. 24th St.  
Minturn Hospital for scarlet Fever and Diphtheria, foot E. 16th St.  
Mt. Sinai, Lexington Ave., cor. E. 66th St.  
New Amsterdam Eye and Ear, 230 W. 38th St.  
New York, 7 W. 15th St.  
New York American Veterinary, 141 W. 54th St.  
New York Eye and Ear Infirmary, 218 2d Ave.  
New York Homœopathic Medical College and Hospital, Ave. A, near E. 63d St.  
New York Infirmary for Women and Children, Livingston Place.  
New York Medical College and Hospital for Women, 19 W. 101st St.  
New York Ophthalmic and Aural Inst., 46 E. 12th St.  
New York Ophthalmic, 201 E. 23d St.  
New York Ophthopædic, 126 E. 69th St.  
New York Polyclinic, 214 E. 34th St.  
New York Post-Graduate, 301 E. 20th St.  
New York Red Cross, 110 W. 82d St.  
New York Sanitarium, 247 W. 49th St.  
New York Skin and Cancer, 330 2d Ave.  
New York Society for the Relief of the Ruptured and Crippled, 135 E. 42d St.  
New York Throat, Nose, and Lung, 244 E. 59th St.  
New York Veterinary, 117 W. 25th St.  
Nursery and Child's, 571 Lexington Ave.  
Pasteur Institute, 313 W. 23d St.  
Presbyterian, 70th St., near Park Ave.  
Riverside, North Brother Island.  
Riverside (Reception), foot E. 16th St.  
Roosevelt, W. 59th St., near 9th Ave.  
St. Andrew's Convalescent Hospital for Women and Children, 213 E. 17th St.  
St. Ann's Maternity, 130 E. 69th St.  
St. Elizabeth's, 225 W. 31st St.  
St. Francis', 609 5th St.  
St. John's Guild Floating Hospital for Children, office, 501 5th Ave.  
St. Joseph's, E. 143d St., cor. Brook Ave.  
St. Joseph's Infirmary, E. 82d St., n. Madison Ave.  
St. Luke's, Amsterdam Ave., cor. W. 113th St.  
St. Mark's, 177 2d Ave.  
St. Mary's Free Hospital for Children, 407 W. 34th St.  
St. Vincent's, 157 W. 11th St.  
Sanitarium for Hebrew Children, office 55 B'way.  
Seaside, office 501 5th Ave.  
Seton (for Consumptives), Spuyten Duyvil.  
Skene Hospital for Self-Supporting Women, Spencer Trask, 27 Pine St.  
Sloane Maternity W. 59th St. c. Amsterdam Ave.  
Society of Lying in Hospital, E. 17th St., cor. 2d Ave.  
Trinity, 50 Varick St.  
United States Marine (office, Battery).  
Willard Parker, foot E. 16th St.  
Woman's Infirmary and Maternity Home, 247 W. 49th St.  
Brooklyn, 177 Montague Street.  
Flatbush, Flatbush Avenue, near Caton.  
Franklin, 166 Montague Street.  
German-American Real Estate Title Guarantee Company, 26 Court Street.  
Hamilton, 191 Montague Street.  
Kings County, 344 Fulton Street.  
Long Island Loan and Trust Company, corner Court and Joralemon Streets.  
Manufacturers', 193 Montague Street.  
Nassau Trust Company, Broadway and Bedford Avenue.  
People's, 172 Montague Street.  
Title Guarantee and Trust Company, 175 Remsen Street.  
Williamsburg, Broadway and Kent Avenue, and 361 Fulton Street.

## Trust Companies in Brooklyn Borough.

## Churches in Manhattan and Bronx Boroughs.

## BAPTIST.

Baptist Ministers' Conference meets every Monday at 11 A. M., at 52 E. 23d St.

Abyssinian, 166 Waverley Pl.  
 Alexander Ave., cor. E. 141st St.  
 Amity, W. 54th St., bet. 8th and 9th Aves.  
 Ascension, 160th St., bet. Morris and 4th Aves.  
 Baptist Temple, W. 46th St., near 6th Ave.  
 Calvary, W. 57th St., bet. 6th and 7th Aves.  
 Central, W. 42d St., near 8th Ave.  
 Central Park, E. 83d St., bet. 2d and 3d Aves.  
 Church of the Epiphany, 64th St. and Madison Ave.  
 Church of the Redeemer, W. 131st St., bet. Lenox and 7th Aves.  
 Day Star, 501 W. 157th St.  
 Eagle Ave., Eagle Ave., near 162d St.  
 Ebenezer (Primitive), 226 W. 58th St.  
 Emanuel (German), 1151 1st Ave.  
 Emanuel, 47 Suffolk St.  
 Fifth Ave., 6 W. 46th St.  
 First, W. 79th St., cor. Broadway.  
 First German, 336 E. 14th St.  
 First German (Harlem), 220 E. 118th St.  
 First Swedish, E. 55th St., bet. 3d and Lexington Aves.  
 Hope, cor. 104th St. and Broadway.  
 Immanuel, White Plains Rd., Williamsbridge.  
 Lexington Ave., E. 111th St., cor. Lexington Ave.  
 Madison Ave., cor. Madison Ave. and E. 31st St.  
 Mariner's Temple, 12 Oliver St.  
 Memorial, Washington Sq. S., cor. Thompson St.  
 Morning Star Mission for Chinese, 17 Doyers St.  
 Mount (Gilead), 106 E. 126th St.  
 Mount Morris, 5th Ave., near W. 126th St.  
 Mount Olivet, 161 W. 53d St.  
 North, 234 W. 11th St.  
 Pilgrim, Boston Road, near Vyse Ave.  
 Riverside, 92d St., cor. Amsterdam Ave.  
 Second Ave., 166 2d Ave.  
 Second German, 407 W. 43d St.  
 Sixteenth St., 257 W. 16th St.  
 St. Paul, 153 W. 29th St.  
 Third German, 1127 Fulton Ave.  
 Tremont, 1615 Washington Ave.  
 Union Baptist Colored Mission, 136 W. 30th St.  
 Washington Heights, 145th St. and Convent Ave.  
 West 33d St., 327 W. 33d St.  
 Zion, 203 W. 49th St.

## CONGREGATIONAL.

Bedford Park, Bainbridge Ave., cor. E. 201st St.  
 Bethany, 10th Ave., near 35th St.  
 Broadway Tabernacle, 119 W. 40th St.  
 Camp Memorial, 141 Chrystie St.  
 Christ, E. 175th St., cor. Topping St.  
 First of Morrisania, E. 166th St. and Forest Ave.  
 Manhattan, W. 76th St. and Broadway.  
 North New York, E. 143d St., near Willis Ave.  
 Pilgrim, Madison Ave., cor. 121st St.  
 Port Morris, 898 E. 135th St.  
 Smyrna (Welsh), 206 E. 11th St.  
 Trinity, Washington Ave., cor. E. 176th St.

## DISCIPLES OF CHRIST.

First, 323 W. 56th St.  
 Lenox Ave. Union, 119th St., near Lenox Ave.  
 Second, E. 169th St., near Franklin Ave.

## EVANGELICAL.

Dingeldein Memorial (German), 429 E. 77th St.  
 First Church of the Evangelical Association, 214 W. 35th St.  
 German Evangelical Zion, 171 W. 140th St.  
 Second Church of the Evangelical Association, 424 W. 55th St.  
 St. Paul's, 159 E. 112th St.  
 Swedish Bethesda, 321 E. 50th St.

## FRIENDS.

East 15th St., cor. Rutherford Pl.  
 Twentieth St., 144 E. 20th St.

## JEWISH.

Achim Ahiwim, 77 Sheriff St.  
 Adas Israel, 350 E. 57th St.  
 Adereth El, 135 E. 29th St.  
 Agudath Jeshorim, 115 E. 86th St.  
 Ahawath Chesed, 652 Lexington Ave.  
 Anshe Sfard, 99 Attorney St.  
 Atereth Israel, 323 E. 82d St.  
 Ateris Zwie, E. 121st St., near 1st Ave.  
 Beth-El, 5th Ave., cor. E. 76th St.  
 Beth Hamedrash Hagodal, 64 Norfolk St.  
 Beth Hamedrash Shaarei Torah, 80 Forsyth St.  
 Beth Israel Bikur Cholim, 72d St. and Lexington Ave.  
 Beth Tefilla, 176 E. 106th St.  
 B'nai Israel, 225 E. 79th St.  
 B'nai Jeshurun, 65th St. and Madison Ave.  
 B'nai Peyser, 316 E. 4th St.  
 B'nee Sholom, 630 6th St.  
 Brith Solam, 64 Pitt St.  
 Chaari Zedek, 38 Henry St.  
 Chefra Kadischa Talmud Thora, 622 5th St.  
 Darech Amuno, 278 Bleeker St.  
 Emuno Israel, 301 W. 29th St.  
 First Galiz Duckler Migan Abraham, 87 Attorney St.  
 First Hungarian Cong. Ohab Zadick, 172 Norfolk St.  
 First Roumanian Am. Congregation, 70 Hester St.  
 Kahal Adath Jeshurun, 14 Eldridge St.  
 Kehllath Jeshurun, 127 E. 82d St.  
 Kol Israel Anshe Poland, 23 Forsyth St.  
 Machzika Torah Anshar Sineer, 34 Montgomery St.  
 Meshkan Israel Anshe Suvalk, 36 Chrystie St.  
 Mount Zion, 113th St. and Madison Ave.  
 Nachlass Zvee, 170 E. 114th St.  
 Orach Chaim, 291 E. 51st St.  
 Reidfel Zedek Anshe Ritone, 200 E. Broadway.  
 Rodoph Sholom, 63d St. and Lexington Ave.  
 Shaarai Berocho, 138 E. 50th St.  
 Shaarai Tephilla, W. 82d St., near Amsterdam Ave.  
 Shearith B'nai Israel, 633 6th St.  
 Shearith Israel, Central Park West, cor. 70th St.  
 Survivors of Israel, 22 E. 115th St.  
 Temple Emanu-El, 5th Ave. and 43d St.  
 Temple Israel, 125th St. and 5th Ave.  
 Tiffereth Israel, 126 Allen St.  
 Zichron Ephraim, 67th St., near Lexington Ave.

## LUTHERAN.

Advent, Broadway and 93d St.  
 Atonement, Edgecombe Ave. and 140th St.  
 Bethany, 14 Teasdale Pl.  
 Bethlehem, 239 E. 62d St.  
 Christ, 406 E. 19th St.  
 Christ, 552 W. 50th St.  
 Emanuel, 628 E. 136th St.  
 Epiphany, 73 E. 128th St.  
 Esthonian Mission, 354 Broome St.  
 Grace, 123 W. 71st St.  
 Gustavus Adolphus, 151 E. 22d St.  
 Harlem Swedish, 191 E. 121st St.  
 Holy Trinity, 318 W. 57th St.  
 Immanuel, 215 E. 83d St.  
 Immanuel, 88th St., cor. Lexington Ave.  
 Lithuanian Mission, 354 Broome St.  
 Mission, Ave. B, cor. 10th St.  
 Mission, Washington Ave., cor. E. 176th St.  
 Norwegian Mission, 237 E. 123d St.  
 Our Saviour, 179th St. and Audubon Ave.  
 Redeemer, 233 W. 45th St.  
 Reformation, 1054 Home.  
 St. James' Madison Ave., cor. E. 73d St.  
 St. John's, 31 Christopher St.  
 St. John's, 317 E. 119th St.  
 St. John's, Fulton Ave. and 170th St.  
 St. Luke's, 233 W. 42d St.  
 St. Mark's, 323 6th St.  
 St. Matthew's, 354 Broome St.  
 St. Matthew's, E. 156th St., near Courtlandt Ave.  
 St. Paul's, 313 W. 22d St.  
 St. Paul's, 149 W. 123d St.  
 St. Paulis', Westchester Ave. and 156th St.

## CHURCHES IN MANHATTAN AND BRONX BOROUGHS—Continued.

## LUTHERAN—Continued.

St. Peter's, 165 5th, Williamsbridge.  
 St. Peter's, Lexington Ave. and 46th St.  
 St. Peter's, Alexander Ave. and 41st St.  
 St. Stephen's, Union Ave., near 165th St.  
 Scandinavian Mission, 4113 3d Ave.  
 Slavonic Mission, 636 6th Ave.  
 Trinity (Danish), 154 E. 54th St.  
 Trinity, 139 Ave. E.  
 Trinity, W. 100th St., near 10th Ave.  
 Washington Heights, W. 153d St., near Broadway.  
 Zion, 339 E. 84th St.

## METHODIST EPISCOPAL.

## Denominational Headquarters, 150 5th Ave.

Bedford St., 28 Morton St.  
 Beekman Hill, 319 E. 50th St.  
 Blinn Memorial (German), 103d St. and Lexington Ave.  
 Calvary, 129th St. and 7th Ave.  
 Centenary, Washington Ave. and E. 166th St.  
 Century, Boston Road, Williamsbridge.  
 Chelsea, 331 W. 30th St.  
 Church of the People, 63 Park St.  
 Church of the Saviour, 109th St. and Madison Ave.  
 Cornell Memorial, E. 76th St., near 2d Ave.  
 Duane, 294 Hudson St.  
 Eighteenth St., 307 W. 18th St.  
 Eleventh St. Chapel, 545 E. 11th St.  
 Fifty-sixth St., 440 W. 56th St.  
 First German, 48 St. Mark's Pl.  
 Five Points Mission, 63 Park St.  
 Fordham, 2700 Marion Ave.  
 Forsyth St., 10 Forsyth St.  
 Forty-fourth St., 461 W. 44th St.  
 Franklin St., 176 Franklin St.  
 German, Elton Ave., cor. E. 158th St.  
 German, 346 W. 40th St.  
 Gospel Mission to Jews, 80 2d St.  
 Grace, White Plains Road, Wakefield.  
 Grace, 131 W. 104th St.  
 Hedding, 337 E. 17th St.  
 Italian Mission, 307 E. 113th St.  
 Jane St., 13 Jane St.  
 John St., 44 John St.  
 Madison Ave., Madison Ave., cor. 60th St.  
 Metropolitan Temple, 58 7th Ave.  
 Morris Heights, Morris Heights Station.  
 Mott Ave., Mott Ave., cor. E. 150th St.  
 North New York, Willis Ave., cor. E. 141st St.  
 Olin, White Plains Ave., Williamsbridge.  
 Park Ave., Park Ave., cor. 86th St.  
 People's, E. 61st St., near 2d Ave.  
 Perry St., 132 Perry St.  
 Prospect Ave., E. 161st St., near Prospect Ave.  
 Rose Hill, 221 E. 27th St.  
 St. Andrew's, 120 W. 76th St.  
 St. James', Madison Ave. and 126th St.  
 St. John's German, Fulton, Wakefield.  
 St. Mark's, W. 53d St. and 8th Ave.  
 St. Paul's, 86th St. and West End Ave.  
 St. Paul's (German), 308 E. 55th St.  
 St. Stephen's, Kingsbridge Ave., cor. Terrace View Ave.  
 Salem Mission, 250 St. Nicholas Ave.  
 Second St., 276 2d St.  
 Seventh St., 247th St.  
 Swedish, Lexington Ave., cor. E. 52d St.  
 Swedish Battery, W. 24th St., near 9th Ave.  
 Thirty-fifth St., 460 W. 35th St.  
 Thirty-seventh St., 225 E. 37th St.  
 Tremont, Washington Ave., cor. E. 178th St.  
 Trinity, 323 E. 118th St.  
 Trinity, Main St., City Island.  
 Twenty-fourth St., 359 W. 24th St.  
 Union, 48th St., near Broadway.  
 Washington H'g'ts, Amsterdam Ave., cor. 153d St.  
 Washington Sq., 137 W. 4th St.  
 Westchester, West Farms Road.  
 West Farms, 1264 Tremont Ave.  
 Willett St., 9 Willett St.  
 Woodlawn, E. 237th St., near Katonah Ave.

## MORAVIAN.

First (English), 154 Lexington Ave.  
 Second (German), 636 6th St.

## METHODIST EPISCOPAL (AFRICAN).

Bethel, 239 W. 25th St.  
 Little Zion, 236 E. 117th St.  
 Metropolitan Union American, 230 E. 85th St.  
 Zion, 351 Bleecker St.

## PRESBYTERIAN.

## Denominational Headquarters, 156 5th Ave.

Adams Memorial, 207 E. 30th St.  
 Alexander Chapel, 7 King St.  
 Bedford Park, S. Boulevard, cor. Bainbridge Ave.  
 Bethany, E. 137th St., near Willis Ave.  
 Bohemian, 349 E. 74th St.  
 Brick, 5th Ave., cor. 37th St.  
 Caledonian, 846 7th Ave.  
 Central, W. 57th St., bet. Broadway and 7th Ave.  
 Christ, 228 W. 35th St.  
 Church of the Puritans, 15 W. 130th St.  
 Covenant, 810 E. 42d St.  
 East Harlem, 116th St., bet. 2d and 3d Aves.  
 Emmanuel Chapel, 733 6th St.  
 Faith, 359 W. 48th St.  
 Fifth Ave., 5th Ave., cor. 55th St.  
 First, 54 5th Ave.  
 First, Tremont, Washington Ave., near E. 174th St.  
 First Union, 147 E. 86th St.  
 Fourth, West End Ave. and 91st St.  
 Fourth Ave., 4th Ave. and 23d St.  
 Fourth St., 14th St., cor. 2d Ave.  
 French Evangelical, 126 W. 16th St.  
 Good Shepherd, 152 W. 66th St.  
 Harlem, 125th St., near Madison Ave.  
 Knox, cor. 72d St. and 2d Ave.  
 Lenox, 138th St., near 8th Ave.  
 Madison Ave., Madison Ave., cor. 73d St.  
 Madison Sq., 24th St. and Madison Ave.  
 Morningside, Morningside Ave. and W. 122d St.  
 Morrisania First, Washington Ave. and 167th St.  
 Mount Taber, 123 E. 104th St.  
 Mount Washington, Inwood.  
 New York, 7th Ave. and 128th St.  
 North, 9th Ave. and 31st St.  
 Park, 86th St. and Amsterdam Ave.  
 Phelps Mission, 314 E. 35th St.  
 Riverdale, Riverdale.  
 Rutgers Riverside, Broadway and W. 73d St.  
 St. James', 211 W. 32d St.  
 Scotch, 96th St. and Central Park West.  
 Sea and Land, 61 Henry St.  
 Second German, 435 E. Houston St.  
 Seventh, cor. Broome and Ridge Sts.  
 Spring St., Spring St., near Varick St.  
 Thirtieth St., 145 W. 13th St.  
 Throg's Neck First, Ft. Schuyler Road.  
 United, E. 137th St., cor. Lorillard Pl.  
 University Heights, University Heights.  
 University Pl., University Pl., cor. 10th St.  
 Washington H'g'ts, Amsterdam Ave. and 155th St.  
 Welsh, 225 E. 13th St.  
 West, 42d St., bet. 5th and 6th Aves.  
 West End, 105th St. and Amsterdam Ave.  
 West Farms, 1243 Samuel St.  
 West Fifty-first St., 359 W. 51st St.  
 Westminster, 210-213 W. 23d St.  
 Woodstock, E. 165th St. and Boston Ave.  
 Zion (German), 240 E. 45th St.

## PROTESTANT EPISCOPAL.

## Diocesan House 29 Lafayette Place

Rt. Rev. Henry C. Potter, Bishop of New York,  
 29 Lafayette Place.  
 Cathedral of St. John the Divine, W. 113th St., be-  
 tween Amsterdam Ave. and Morningside Ave.  
 All Angels', 81st St., cor. West End Ave.  
 All Saints', 286 Henry St.  
 All Souls', Madison Ave. and 66th St.  
 Anglo-American Free Church of St. George the  
 Martyr, 223 W. 11th St.  
 Ascension, 36 5th Ave., cor. 10th St.  
 Ascension Memorial, 243 W. 43d St.  
 Beloved Disciple, 89th St., near Madison Ave.  
 Calvary, 273 4th Ave.; Chapel, 220 E. 23d St.; Gal-  
 lee Mission, 346 E. 23d St.

CHURCHES IN MANHATTAN AND BRONX BOROUGHS—Continued.

PROTESTANT EPISCOPAL—Continued.

Chapel of Christ the Consoler, foot E. 26th St (Bellevue Hospital).  
 Chapel of St. Elizabeth of Hungary, 2 W. 106th St.  
 Chapel of the Comforter, 8 Horatio St.  
 Chapel of the Good Shepherd, Blackwell's Island.  
 Chapel of the Good Shepherd (General Theological Seminary), Chelsea Sq.  
 Chapel of the Messiah, 206 E. 95th St.  
 Christ, Broadway and W. 71st St.  
 Christ, Riverdale.  
 Church of the Advocate, E. 151st St., near 3d Ave.  
 Church of the Archangel, St. Nicholas Ave., cor. W. 114th St.  
 Du St. Esprit, E. 27th St., near 4th Ave.  
 Epiphany, 259 Lexington Ave.  
 God's Providence Mission, 330 Broome St.  
 Grace, 800 Broadway.  
 Grace, Main St., City Island.  
 Grace, West Farms, Vyse Ave., near Tremont Ave.  
 Grace Chapel, 414 E. 14th St.  
 Grace Emanuel, 212 E. 116th St.  
 Heavenly Rest, 551 5th Ave.  
 Holy Apostles, 300 9th Ave.  
 Holy Comforter, 343 W. Houston St.  
 Holy Communion, 324 6th Ave.  
 Holy Cross, 43 Ave. C.  
 Holy Faith, E. 166th St., near Boston Ave.  
 Holyhood, Kingsbridge Road and 181st St.  
 Holy Sepulchre, E. 74th St., near Park Ave.  
 Holy Trinity (St. James' Parish), 316 E. 88th St.  
 Holy Trinity, W. 122d St. and Lenox Ave.  
 Incarnation, 205 Madison Ave., cor. 35th St.  
 Intercession, 158th St. and Broadway.  
 Mediator, Kingsbridge Ave.  
 Mission of P. E. Church for Seamen, 21 Coenties Slip.  
 Our Saviour, foot Rutgers St., East River.  
 Pro-Cathedral, 180 Stanton St.  
 Redeemer, 136th St., near 7th Ave.  
 St. Agnes' Chapel (Trinity Parish), 92d St., near Columbus Ave.  
 St. Ambrose's, 117 Thompson St.  
 St. Andrew's, 127th St., near 51st Ave.  
 St. Ann's, St. Ann's Ave., near E. 140th St.  
 St. Ann's (Deaf Mutes), W. 148th St., near Amsterdam Ave.  
 St. Augustine's Chapel (Trinity Parish), 107 E. Houston St.  
 St. Barnabas' Chapel, 306 Mulberry St.  
 St. Bartholomew's, 348 Madison Ave.; Oriental Mission, 209 E. 42d St.; Swedish Chapel, 121 E. 127th St.  
 St. Christopher's Chapel (Trinity Parish), 213 Fulton St.  
 St. Chrysostom's Chapel (Trinity Parish), 201 W. 39th St.  
 St. Clement's, 108 W. 3d St.  
 St. Cornelius', 423 W. 46th St.  
 St. Cornelius' Chapel, Governor's Island.  
 St. David's, 611 E. 158th St.  
 St. Edmund's Chapel, 177th St., near Morris Ave.  
 St. Edward the Martyr, 109th St., near 5th Ave.  
 St. George's, Park Ave., Williamsbridge.  
 St. George's, 7 Rutherford Pl.  
 St. Ignatius', West End Ave. and W. 87th St.  
 St. James', 71st St., cor. Madison Ave.  
 St. James', Fordham, Jerome Ave., c. St. James St.  
 St. John the Evangelist, 222 W. 11th St.  
 St. John's Chapel (Trinity Parish), 46 Varick St.  
 St. Luke's, Convent Ave., cor. W. 141st St.  
 St. Luke's Chapel (Trinity Parish), Hudson St., opp. Grove St.  
 St. Margaret's, E. 156th St., near Dawson St.  
 St. Mark's, 2d Ave. and 10th St.  
 St. Mary's, Alexander Ave., cor. 142d St.  
 St. Mary's, Lawrence St., near Amsterdam Ave.  
 St. Mary the Virgin, W. 46th St. and 6th Ave.  
 St. Matthew's, W. 84th St., near Central Park West.  
 St. Michael's, Amsterdam Ave., near W. 99th St.  
 St. Paul's, Washington Ave., near 170th St.  
 St. Paul's (Trinity Parish), Broadway & Vesey St.  
 St. Peter's, 942 W. 20th St.

PROTESTANT EPISCOPAL—Continued.

St. Peter's, Westchester Ave.  
 St. Philip's, 161 W. 25th St.  
 St. Simeon's, E. 163d St., cor. College Ave.  
 St. Stephen's, 124 W. 69th St.  
 St. Stephen's Chapel, E. 238th St., cor. Vireo Ave.  
 St. Thomas', 5th Ave., cor. 53d St.  
 St. Thomas' Chapel, 230 E. 60th St.  
 San Salvatore (Italian), 359 Broome St.  
 Transfiguration ("Little Church Around the Corner"), 5 E. 29th St.  
 Trinity, Broadway and Rector St.  
 Trinity, E. 164th St., near Boston Road.  
 Trinity Chapel, 15 W. 25th St.  
 Zion and St. Timothy, 332 W. 57th St.

REFORMED CHURCH IN AMERICA.

Denominational Headquarters, Reformed Church Building, 25 E. 22d St.  
 Anderson Memorial, cor. E. 183d St. and Camberling Ave.  
 Bloomingdale, Broadway, cor. W. 68th St.  
 Church of the Comforter, Morris Ave. & E. 163d St.  
 Collegiate, 5th Ave., cor. W. 48th St.  
 Collegiate, 77th St. and West End Ave.  
 Collegiate, 307 W. 34th St.  
 Collegiate Chapel, 113 Fulton St.  
 Collegiate of Harlem, 1st Church, 191 E. 121st St.  
 Collegiate of Harlem, 2d Church, W. 123d St. and Lenox Ave.  
 First, Kingsbridge Road, near Jerome Ave.  
 Fourth German, 244 W. 40th St.  
 German Evangelical Mission, 141 E. Houston St.  
 Grace, 845 7th Ave.  
 Hamilton Grange, W. 145th St. and Convent Ave.  
 Madison Ave., Madison Ave., cor. 57th St.  
 Manhattan, 71 Ave. B.  
 Marble Collegiate, 6th Ave., cor. W. 29th St.  
 Melrose, Elton Ave., cor. E. 156th St.  
 Middle Collegiate, 2d Ave., near 7th St.  
 Mott Haven, 3d Ave., cor. 146th St.  
 Prospect Hill, Park Ave. and E. 89th St.  
 South, Madison Ave., cor. 38th St.; Manor Chapel, 348 W. 26th St.; Rogers Chapel, 204 W. 18th St.  
 Union, Ogden Ave., near 168th St.; Highbridge.  
 Vermilye Chapel, 416 W. 54th St.  
 West Farms Boston Road cor. Clover St.

REFORMED EPISCOPAL.

First, Madison Ave., cor. 55th St.  
 St. Paul's, 236th St. and Vireo Ave.

REFORMED CHURCH IN THE U. S.

Bethany, 235 E. 109th St.  
 Harbor Mission, 31 Broadway.  
 Martha Memorial, 419 W. 52d St.

REFORMED PRESBYTERIAN.

First, 123 W. 12th St.  
 Fourth, 304 W. 122d St.  
 Second, 227 W. 39th St.  
 Third, 238 W. 23d St.

ROMAN CATHOLIC.

Most Rev. J. M. Farley, Archbishop, 452 Madison Ave.  
 All Saints', Madison Ave., cor. 129th St.  
 Annunciation, B. V. M., Broadway, cor. 131st St.  
 Ascension, 107th St., near Broadway.  
 Assumption, 427 W. 49th St.  
 Blessed Sacrament, W. 71st St., near Broadway.  
 Chapel of the Sacred Heart, Hart's Island.  
 Epiphany, 373 2d Ave.  
 Guardian Angel, 513 W. 23d St.  
 Holy Cross, 355 W. 42d St.  
 Holy Family, 9th St., Unionport.  
 Holy Innocents, 126 W. 37th St.  
 Holy Name of Jesus, Amsterdam Ave. and 96th St.  
 Holy Rosary, 442 E. 119th St.  
 Holy Spirit, Burnside Ave., cor. Aqueduct Ave.  
 Holy Trinity, 229 W. 82d St.  
 Immaculate Conception, 505 E. 14th St.  
 Immaculate Conception (German), 659 E. 150th St.

## CHURCHES IN MANHATTAN AND BRONX BOROUGHS—Continued.

## ROMAN CATHOLIC—Continued.

Maronite Chapel, 81 Washington St.  
 Mary Star of the Sea, 7 State St.  
 Most Holy Redeemer, 165 3d St.  
 Most Precious Blood, 115 Baxter St.  
 Nativity, 48 2d Ave.  
 Our Lady of Good Counsel, 236 E. 90th St.  
 Our Lady of Guadalupe, 229 W. 14th St.  
 Our Lady of Loretto, 303 Elizabeth St.  
 Our Lady of Lourdes, Convent Ave. and W. 142d St.  
 Our Lady of Mercy, E. 190th St., cor. Webster Ave.  
 Our Lady of Mt. Carmel, 473 E. 115th St.  
 Our Lady of Perpetual Help, 321 E. 61st St.  
 Our Lady of Pompeii, 214 Bleecker St.  
 Our Lady of Sorrows, 105 Pitt St.  
 Our Lady of the Holy Scapular of Mt. Carmel, 337 E. 28th St.  
 Our Lady Queen of Angels, 298 E. 113th St.  
 Sacred Heart, Marcher Ave., near E. 169th St.  
 Sacred Heart of Jesus, 447 W. 51st St.  
 St. Adalbert's, 690 E. 156th St.  
 St. Agnes', 143 E. 43d St.  
 St. Alphonsus', 312 W. Broadway.  
 St. Aloysius', 200 W. 131st St.  
 St. Ambrose', 515 W. 54th St.  
 St. Andrew's, Duane St., cor. City Hall Place.  
 St. Angela, Morris Ave. and 163d St.  
 St. Ann's, 112 E. 12th St.  
 St. Anselm's, Beach Ave., near E. 152d St.  
 St. Anthony, 153 Sullivan St.  
 St. Augustine's, E. 167th St., cor. Fulton Ave.  
 St. Benedict the Moor, 3 W. 53d St.  
 St. Bernard's, 333 W. 14th St.  
 St. Boniface, 882 2d Ave.  
 St. Bridget's, 123 Ave. B.  
 St. Catharine of Genoa, W. 153d St., near Amsterdam Ave.  
 St. Catherine of Sienna, 420 E. 69th St.  
 St. Cecilia's, E. 106th St., near Lexington Ave.  
 St. Charles Borromeo, W. 141st St., near 7th Ave.  
 St. Columba's, 339 W. 25th St.  
 St. Elizabeth's, W. 187th St., cor. Broadway.  
 St. Elizabeth of Hungary, 345 E. 4th St.  
 St. Frances of Rome, 98 Fulton St.  
 St. Francis de Sales, 139 E. 96th St.  
 St. Francis of Assisi, 139 W. 31st St.  
 St. Francis Xavier, 36 W. 16th St.  
 St. Gabriel's, 310 E. 37th St.  
 St. Ignatius Loyola, Park Ave., cor. E. 84th St.  
 St. James', 32 James St.  
 St. Jean Baptiste's, 169 E. 76th St.  
 St. Jerome's, Alexander Ave., cor. 138th St.  
 St. Joachim, 24 Roosevelt St.  
 St. John Baptist, 209 W. 30th St.  
 St. John Chrysostom's, 167th St., near Hoe Ave.  
 St. John Evangelist, 355 E. 55th St.  
 St. John Nepomucene's, 289 E. 4th St.  
 St. John's, 2911 Kingsbridge Ave.  
 St. Joseph's, 59 6th Ave.  
 St. Joseph's, 1850 Washington Ave.  
 St. Joseph's (German), 405 E. 87th St.  
 St. Joseph's, 125th St., cor. Columbus Ave.  
 St. Lawrence Chapel, E. 84th St., cor. Park Ave.  
 St. Leo's, 11 E. 28th St.  
 St. Lucy's, 340 E. 104th St.  
 St. Luke's, 137th St. and St. Ann Ave.  
 St. Malachy, 243 W. 49th St.  
 St. Margaret's, Riverdale.  
 St. Martin of Tours, Fordham.  
 St. Mary Magdalen's, 527 E. 17th St.  
 St. Mary's, 438 Grand St.  
 St. Mary's, White Plains Road.  
 St. Mary's Star of the Sea, Main St., City Island.  
 St. Michael's, W. 32d St. and 8th Ave.  
 St. Monica's, 409 E. 79th St.  
 St. Nicholas', 125 2d St.  
 St. Patrick's, Mott St., cor. Prince St.  
 St. Patrick's Cathedral, cor. 5th Ave. and 50th St.  
 St. Paul's, 121 E. 117th St.  
 St. Paul the Apostle's, Columbus Ave. and W. 60th St.  
 St. Peter's, 22 Barclay St.  
 St. Phillip Neri, Anthony Ave., op. E. 202d St.  
 St. Raphael's, W. 41st St., bet. 10th and 11th Aves.

## ROMAN CATHOLIC—Continued.

St. Raymond's, West Farms Road, Westchester.  
 St. Rose of Lima, Cannon St., near Broome.  
 St. Rose of Lima, W. 165th St., n. Amsterdam Ave.  
 St. Stanislaus', 107 7th St.  
 St. Stephen's, 149 E. 28th St.  
 St. Teresa's, Rutgers, cor. Henry St.  
 St. Thomas the Apostle's, W. 118th St., near St. Nicholas Ave.  
 St. Thomas Aquinas, 1277 Tremont Ave.  
 St. Valentine's, 7th St., Williamsbridge.  
 St. Veronica's, Christopher St., near Greenwich.  
 St. Vincent de Paul, 127 W. 23d St.  
 St. Vincent Ferrer, 871 Lexington Ave.  
 Transfiguration, 25 Mott St.

## UNITARIAN.

Denominational Headquarters, 104 E. 20th St.

All Souls', 245 4th Ave.  
 Lenox Ave., Lenox Ave., cor. 131st St.  
 Messiah, E. 34th St., cor. Park Ave.

## UNITED PRESBYTERIAN.

Charles St., 41 Charles St.  
 First, 250 W. 34th St.  
 Seventh Ave., 29 7th Ave.  
 Washington Heights, 172d St. and Audubon Ave.  
 West 44th St., 434 W. 44th St.

## UNIVERSALIST.

Church of the Eternal Hope, 142 W. 81st St.  
 Fourth (Divine Paternity), Central Park West and 76th St.

## OTHER DENOMINATIONS.

American Mission to the Jews, 424 Grand St.  
 Armenian Apostolic, 110 W. 41st St.  
 Beacon Light Rescue Mission, 2372 3d Ave.  
 Broome St. Tabernacle, 395 Broome St.  
 Catharine Mission, 24 Catharine Slip.  
 Chinatown Midnight Mission, 17 Doyers St.  
 Christian Israelites' Sanctuary, 108 1st St.  
 Christian Reformed, 21 Bank St.  
 Christ's Mission, 142 W. 21st St.  
 Church of the Strangers, W. 57th St. and 8th Ave.  
 Corpus Christi (English Catholic), W. 69th St., near Amsterdam Ave.  
 Cremorne Mission, 104 W. 32d St.  
 De Witt Memorial, 280 Rivington St.  
 Door of Hope Gospel Mission, 805 3d Ave.  
 Doyers St. Mission, 17 Doyers St.  
 East-Side Chapel, 404 E. 15th St.  
 Evangel Band and Mission, 21 Mott St.  
 First Seventh-Day Baptist, Washington Sq. S., cor. Thompson St.  
 Free Methodist Mission, 349 E. 10th St.  
 German Apostolic, 202 W. 114th St.  
 Gospel Chapel, 305 W. 30th St.  
 Gospel Tabernacle, 693 8th Ave.  
 Holy Trinity, Greek Orthodox, 138 E. 27th St.  
 Interdenominational, 173 8th Ave.  
 International Union, E. 72d St., n. Lexington Ave.  
 Italian Evangelical, 395 Broome St.  
 Johnson Mission, 18 Minetta Lane.  
 Mariners', 46 Catharine St.  
 McCauley's Water St. Mission, 316 Water St.  
 Metropolitan Independent, Carnegie Lyceum.  
 New Jerusalem (Swedenborgian), 114 E. 35th St.  
 N. Y. Rescue Band, 297 4th Ave., 17 Doyers St.  
 Olivet Memorial, 63 2d St.  
 146th St. Gospel Temperance Mission, 146th St., near 3d Ave.  
 People's Tabernacle, 232 E. 104th St.  
 Russian Orthodox, 333 2d Ave.  
 Salvation Army, 122 W. 14th St.; 112 Cherry St.; 219 E. 125th St.; 668 Courtlandt Ave.; 352 W. 35th St.; 1 Abingdon Square; 1556 3d Ave.; 153 E. 27th St.; 14 4th Ave.; 142d St. and Alexander Ave.; 2061 Lexington Ave.; 83 and 243 Bowers; 23 West St.; 532 W. 39th St., and 96 Greenwich St.  
 Scandinavian Seamen's Mission, 94 Market St.



CHURCHES IN MANHATTAN AND BRONX BOROUGHS—Continued.

OTHER DENOMINATIONS—Continued.

Seaman's Rest Mission, 399 West St.  
 Strachan, Margaret, Chapel, 105 W. 27th St.  
 St. Paul's (Evangelical Reformed), 874 E. 141st St.  
 Sunshine Mission, 484 11th Ave.  
 Syrian Orthodox, 77 Washington St.  
 Third Seventh-Day Adventists, 313 W. 59th St.  
 Unity Congregation, 19 W. 44th St.  
 Volunteers of America, 38 Cooper Sq. W., 2312 3d Ave.  
 West-Side Noonday Prayer, 281 Greenwich St.  
 Woman's Union Prayer Meeting, Harlem, Thursdays, 267 Lenox Ave.

OTHER DENOMINATIONS—Continued.

Woods Memorial Chapel, 133 Ave. A.  
 Young Men's Christian Association, 156 Fifth Ave.; 3 W. 29th St.; 52 E. 23d St.; 153, 223 Bowery; 158 E. 87th St.; 5 W. 125th St.; 531 W. 155th St.; 142 2d Ave.; 49 W. 24th St.; 132 W. 53d St.; 328 W. 56th St.; 361 Madison Ave.; 129 Lexington Ave.; 318 W. 57th St.; E. 150th St., cor. Spencer Pl.; Railroad Branch, foot W. 72d St.; Governor's Island, Fort Wood, Fort Wadsworth, Fort Schuyler.  
 Young People's City Mission, 219 E. 59th St.  
 Young Women's Christian Association, 7 E. 15th St.; 460 W. 44th St.

Churches in Brooklyn Borough.

BAPTIST.

Ainslie St., Ainslie, near Graham Ave.  
 Baptist Temple (First in Pierrepont St.), 3d Ave., cor. Schermerhorn St.  
 Bedford Ave., 906 Bedford Ave.  
 Bedford Heights, Bergen St., cor. Rogers Ave.  
 Berean, Bergen St., near Rochester Ave.  
 Bethany (colored), Vanderbilt Ave., near Atlantic Ave.  
 Borough Park, 49th St. and New Utrecht Ave.  
 Brownsville Jewish Mission, 1831 Pitkin Ave.  
 Bushwick Ave., Bushwick Ave., cor. Weirfield St.  
 Central, Adelphi St., near Myrtle Ave.  
 Central, Marcy Ave., cor. S. 5th St.  
 Chinese Mission, 164 Gates Ave.  
 Concord (colored), Duffield St., near Myrtle Ave.  
 Deutsche Mission, St. Nicholas Ave., near Flushing Ave.  
 East End, Van Sicken Ave., near Glenmore Ave.  
 Emmanuel, Lafayette Ave., cor. St. James' Pl.  
 Emmanuel Chapel, 131 Steuben St.  
 Euclid Ave., Pine St., cor. Fulton St.  
 Fifteenth St., 15th St., near 4th Ave.  
 First, in East New York, Hendrix St., near Fulton St.  
 First, E. D., Lee Ave., cor. Keap St.  
 First German, E. D., Montrose, near Union Ave.  
 First German, South Brooklyn, Prospect Ave., near 6th Ave.  
 First Greenpoint, Noble St., near Manhattan Ave.  
 First Swedish, Dean St., near 6th Ave.  
 Fourth Ave., 4th Ave.  
 Fourth St., 4th Ave., near 32d St.  
 Grace Chapel, Bainbridge St., near Saratoga Ave.  
 Greene Ave., Greene Ave., near Lewis Ave.  
 Greenwood, meets at All Saints' P. E. Church, 7th Ave. and 7th St.  
 Greenwood, Chinese Branch, 183 12th St.  
 Greenwood, German Branch, 161 15th St.  
 Hanson Place, Hanson Pl. cor. S. Portland Ave.  
 Holy Trinity (colored), Orman Pl.  
 Jefferson Ave., Jefferson Ave., cor. Ormond Pl.  
 Lefferts Park, Lefferts Park.  
 Lenox Road, Nostrand Ave., cor. Lenox Road.  
 Marcy Ave., Marcy Ave., cor. Putnam Ave.  
 Memorial, 510 8th Ave.  
 Messiah (colored), Prospect Pl., near Troy Ave.  
 Ocean Hill, Rockaway Ave., cor. Somers St.  
 Pilgrim, Patchen Ave., cor. McDonough St.  
 Redeemer, cor. Cortelyou Road and E. 13th St.  
 Second German, Evergreen Ave., cor. Woodbine.  
 Second Swedish, Ralph Ave., cor. Bergen St.  
 Sheepshead Bay (colored), Sheepshead Bay, 37th St. and Bay Road.  
 Sixth Ave., 6th Ave., cor. Lincoln Pl.  
 Strong Pl., Strong Pl., cor. Degraw St.  
 Sumner Ave., Sumner Ave., cor. Decatur St.  
 Tabernacle, Clinton St., cor. 3d Pl.  
 Trinity, Greene Ave., cor. Patchen Ave.  
 Union, Noble, near Manhattan Ave.  
 Unity Baptist Mission, 870 Willoughby Ave.  
 Washington Ave., Washington Ave., cor. Gates Ave.  
 West End, 47th St., near 3d Ave.  
 Williamsbridge Jewish Mission, 17 Manhattan Ave.

BAPTIST—Continued.

Windsor Terrace Mission, Greenwood Ave., cor. E. 7th St.  
 Wyckoff Ave., Wyckoff Ave., near Cooper Ave.

CONGREGATIONAL.

Atlantic Ave. Mission, Atlantic, cor. Grand Ave.  
 Beecher Memorial, Herkimer St., near Rockaway Ave.  
 Bethel, of Plymouth Church, 15 Hicks St.  
 Bethesda, Ralph Ave., cor. Chauncey St.  
 Brighton Chapel, Neptune Ave., near W. 5th St.  
 Bushwick Ave., Bushwick Ave., cor. Cornelia St.  
 Central, Hancock St., near Franklin Ave.  
 Clinton Ave., Clinton Ave., cor. Lafayette Ave.  
 Flatbush, Ave. D, cor. E. 18th St.  
 Iglesia (Hispano-American), Tompkins Ave., cor. McDonough St.  
 Immanuel, Decatur St.  
 Lee Ave., Lee Ave., cor. Hooper St.  
 Lewis Ave., Lewis Ave., cor. Madison St.  
 Mayflower Mission, Jay St., cor. High St.  
 Nazarene (colored), Sumner Ave., near Fulton St.  
 New England, S. 9th St., near Driggs Ave.  
 Park Ave., Park Ave., cor. Marcy Ave.  
 Park, 6th Ave., cor. 7th St.  
 Parkville, 18th Ave., near Ocean Parkway.  
 Pennsylvania Ave., Pennsylvania Ave., near Liberty Ave.  
 Pilgrim (Swedish), 413 Atlantic Ave.  
 Pilgrim Chapel, Henry St., cor. Degraw St.  
 Pilgrims, Henry St., cor. Remsen St.  
 Plymouth, Orange St., near Hicks St.  
 Puritan, Lafayette Ave., cor. Marcy Ave.  
 Rockaway Ave., Rockaway Ave., near Blake St.  
 South, President St., cor. Court St.  
 Tompkins Ave., Tompkins Ave., cor. McDonough St.  
 United, Lee Ave., cor. Hooper St.  
 Willoughby Ave. Chapel, Willoughby Ave., cor. Grand Ave.

JEWISH.

Ahawath Achim, Johnson Ave., near Manhattan Ave.  
 Ahawath Chesed, cor. Lorimer and Stagg Sts.  
 Baith Israel, Boerum Pl., cor. State St.  
 Beth Aaron, Scholes St.  
 Beth Hamedrash, 94 Seigel St.  
 Beth Hamidrash Hogodil Keser Torah, 50 Moore St.  
 Beth Jacob, Keap St., near S. 5th St. / Bikur Cholim, Wyona, near Fulton St.  
 B'nai Sholom, 327-99th St.  
 B'nai David, 12 Moore St.  
 B'nai Jacob, Prospect Ave.  
 Chebrah Bnei Sholome, 148 Varet St.  
 Chevra Sford Anshe, 125 Moore St.  
 Cong. Beth Elohim, State St., near Hoyt St.  
 Cong. B'nai Scholem, 148 Varet St.  
 Cong. Mt. Sinai, 245 Bridge St.  
 Cong. Tlilim, 51 Manhattan Ave.  
 Cook St. Synagogue, 44 Cook St.  
 Emanuel, 4th Ave.  
 Ohavai Sholom, Brownsville,

## CHURCHES IN BROOKLYN BOROUGH—Continued.

## JEWISH—Continued.

Scholes St. Synagogue, Scholes St., near Ewen St.  
Temple Beth El, of Greenpoint, 110 Noble St.  
Temple Beth Elohim, Keap St., near Division Ave.  
Temple Israel, Bedford Ave., cor. Lafayette Ave.

## LUTHERAN.

Bethlehem (German), Marion St., near Reid Ave.  
Bethlehem (Swedish), 3d Ave. and Pacific St.  
Bethlehem (Norwegian), Russell St., near Nassau Ave.  
Calvary, Rochester Ave., near Herkimer St.  
Canarsie St. Matthew's, E. 92d St., n. Flatlands Ave.  
Christ, 1084 Lafayette Ave.  
Emanuel, 7th St., near 5th Ave.  
Emanuel, S. 9th St., near Driggs Ave  
Finnish Evangelical, 135 33d St.  
Finnish Seamen's Mission, 460 Hicks St.  
First Scandinavian, Kent St.  
German Evangelical, Schermerhorn St., near Court St.  
Grace, Evergreen Ave. and Schaeffer St.  
Holy Trinity, Cumberland St., near Lafayette Ave.  
Immanuel (Swedish), Leonard St., n. Driggs Ave.  
Incarnation, 46th St. and 4th Ave.  
Messiah, Winthrop Park.  
Norwegian, William, near Van Brunt.  
Our Saviour (Danish), 9th St., near 3d Ave.  
Our Saviour (Norwegian), Henry St., near 4th Pl.  
Our Saviour, 1030 Gates Ave.  
Redeemer, Bedford Ave., cor. Hewes St.  
Reformation, Pennsylvania Ave.  
Resurrection (English), Court, cor. President St.  
Salem's Danish Evangelical, 128 Prospect Ave.  
St. Ausgar's (Danish), 256 19th St.  
St. James', 46th St., near 4th Ave.  
St. Johannes, Manjer St., near Graham Ave.  
St. John's, Bath Beach.  
St. John's, 34th and 16th Ave.  
St. John's, 54th St., near Liberty Ave.  
St. John's, New Jersey Ave., near Liberty Ave.  
St. John's, Prospect Ave., near 5th Ave.  
St. John's, E. D., Milton St., n. Manhattan Ave.  
St. Luke's, Washington Ave., n. Willoughby Ave.  
St. Mark's, Bushwick Ave., cor. Jefferson St.  
St. Matthew's (German), N. 5th St., n. Driggs Ave.  
St. Matthew's, 6th Ave., cor. 2d St.  
St. Paul's, Knickerbocker Ave., cor. Palmetto St.  
St. Paul's, Henry St., near 3d Pl.  
St. Paul's, Wyona, near Glenmore Ave.  
St. Paul's, E. D., S. 5th St., cor. Rodney St.  
St. Paul's (Swedish), 392 McDonough St.  
St. Peter's, Bedford Ave., near De Kalb Ave.  
St. Petri's, E. D., Rodney St., near S. 2d St.  
St. Stephen's, Newkirk Ave., cor. E. 28th St.  
Trinity, Harrison St., cor. Tompkins Pl.  
Trinity (Norwegian), 27th St., near 5th Ave.  
Warburg Chapel, Georgia Ave. and Fulton St.  
Zion, Henry St., near Clark St.  
Zion, Locust St., near Grant St.  
Zion (Swedish), 59th St. and 11th Ave.

## METHODIST EPISCOPAL.

Andrew's, Richmond St., cor. Jamaica Ave.  
Benson Ave., Bath Beach.  
Bethany (Swedish), Troy, cor. Herkimer.  
Borough Park, Borough Park.  
Buffalo Ave., Buffalo Ave., cor. Bergen St.  
Bushwick Ave., Bushwick Ave., cor. Madison St.  
Carroll Park (Norwegian), Carroll St., near Hoyt.  
Cronsey Ave., Cronsey Ave., near Bay 35th.  
De Kalb Ave., De Kalb Ave., near Franklin Ave.  
Eighteenth St., 18th St., near 5th Ave.  
Elim (Swedish), 47th St., near 5th Ave.  
Emanuel (Swedish), Dean St., near 5th Ave.  
Embury, Decatur St., cor. Lewis Ave.  
Epworth, Bushwick Ave., cor. De Kalb Ave.  
Fennimore St., Fennimore St., cor. Rogers Ave.  
First, Lenox Road, near Flatbush Ave.  
First, Greenpoint, Manhattan Ave., near Java St.  
First Pl., First Pl., cor. Henry St.  
Flatlands, Kings Highway.  
Fleet St., Fleet St., cor. Lafayette Ave.  
Fourth Ave., 4th Ave., cor. 47th St.

## METHODIST EPISCOPAL—Continued.

Goodsell, Sheridan Ave., cor. McKinley Ave.  
Grace, 7th Ave., cor. St. John's Pl.  
Grace, Bay Ridge.  
Gravesend, Gravesend.  
Greenpoint Tabernacle, Manhattan Ave., opp. Noble St.  
Hanson Pl., Hanson Pl., cor. St. Felix St.  
Janet, Reid Ave., cor. Monroe St.  
Knickerbocker Ave., Knickerbocker Ave., cor. Ralph St.  
Newman Memorial, Herkimer St., near Schenectady Ave.  
New York Ave., New York Ave., cor. Dean St.  
North Fifth St., N. 5th St., near Bedford Ave.  
Norwegian, 58th St., near 12th Ave.  
Nostrand Ave., Nostrand Ave., cor. Quincy St.  
Powers St., Powers St., near Lorimer St.  
Ridley Memorial, Lawrence Ave., near Ocean Parkway.  
Russell Pl., Russell Pl., near Atlantic Ave.  
Sands St., Henry St., cor. Clark.  
Sheepshead Bay, Voorhees Ave., cor. Ocean Ave.  
Simpson, Clermont Ave., cor. Willoughby Ave.  
Sixth Ave., 8th St., near 6th Ave.  
South Second St., S. 2d St., near Driggs Ave.  
South Third St., S. 3d St., cor. Union Ave.  
St. John's, Bedford Ave., cor. Wilson St.  
St. Paul's, Richards St., near Sullivan St.  
Summerfield, Washington Ave., cor. Greene Ave.  
Summer Ave., Summer Ave., cor. Van Buren St.  
Tompkins Ave., Tompkins Ave., cor. Willoughby Union, Leonard, cor. Conselyea.  
Vanderveer Park, Glenwood Road, near Flatbush Ave.  
Warren St., Warren St., near Smith St.  
Wesley, Glenmore Ave., cor. Shepherd Ave.  
Williams Ave., Williams Ave., near Atlantic Ave.  
Windsor Terrace, Greenwood Ave., cor. Prospect York St., York St., near Gold St.

## METHODIST EPISCOPAL.

(GERMAN.)

Greene Ave., 1171 Greene Ave.  
Salem, Vanderveer Park, cor. 38th St. and Ave. D.  
St. John's, Summer Pl., near Flushing Ave.  
St. Paul's, Marcy Ave., cor. Penn St.  
Wyckoff St., Wyckoff St., near Smith St.

## METHODIST PRIMITIVE.

First, Park Ave., near St. Edward's.  
Orchard, Oakland St., near Nassau Ave.  
Welcome, Classon Ave., near Myrtle Ave.

## METHODIST PROTESTANT.

Grace, E. 92d St., cor. Church Ave.

## AFRICAN METHODIST EPISCOPAL.

St. John's, Howard Ave., near Herkimer.  
Union Bethel, Schenectady Ave., cor. Dean St.  
Union Zion, S. 3d St., cor. Hooper.  
Wesleyan, Bridge St., near Myrtle Ave.  
Zion, Fleet St., near Myrtle Ave.  
Zion, Gravesend Beach.

## PRESBYTERIAN.

Ainslie St., Ainslie St., near Manhattan Ave.  
Arlington Ave., Arlington Ave., cor. Elton St.  
Bay Ridge, 81st St., cor. 2d Ave.  
Bedford, Dean St., cor. Nostrand Ave.  
Bensonhurst, Bensonhurst.  
Bethany, McDonough St., near Howard Ave.  
Bushwick, Central Ave., cor. Covert.  
Central, Marcy Ave., cor. Jefferson Ave.  
City Park Chapel, Concord St., near Hudson Ave.  
Classon Ave., Classon Ave., cor. Monroe St.  
Cumberland St., Cumberland St., n. Myrtle Ave.  
Cuyler Chapel, 358 Pacific St.  
Duryea, Clermont Ave., near Atlantic Ave.  
Ebenezer, Stockholm St., near Wyckoff Ave.  
Emanuel Chapel, Hamburg Ave., cor. Putnam Ave.  
Fifth German, Halsey St., near Central Ave.  
First, Henry St., near Clark St.

## CHURCHES IN BROOKLYN BOROUGH—Continued.

## PRESBYTERIAN—Continued.

First German, Leonard St., cor. Stagg St.  
Franklin Ave., 163 Franklin Ave.  
Friedens' Kirche, Willoughby Ave., near Broadway.  
Glenmore Ave., Glenmore Ave., cor. Doscher St.  
Grace, Stuyvesant Ave., cor. Jefferson Ave.  
Greene Ave., Greene Ave., near Reid Ave.  
Gwinnett St. Mission, 158 Gwinnett St.  
Home Crest, Home Crest.  
Hopkins St. (German), Hopkins St., near Throop Ave.  
Immanuel, Newkirk Ave., near Flatbush.  
Lafayette Ave., Lafayette Ave., cor. S. Oxford St.  
Leflerts Park, Leflerts Park.  
Memorial, 7th Ave., cor. St. John's Pl.  
Mount Olivet, Evergreen Ave., cor. Troutman St.  
Noble St., Noble St., cor. Lorimer St.  
Olivet, Bergen St., near 6th Ave.  
Prospect Heights, 8th Ave., cor. 10th St.  
Ross St., E. D., Ross St., near Bedford Ave.  
Seaman's Institute, 18 Atlantic Ave.  
Second, Clinton St., cor. Remsen St.  
Siloam, Prince St., near Myrtle Ave.  
South Third St., S. 3d St., cor. Driggs Ave.  
Throop Ave., Throop Ave., cor. Willoughby Ave.  
Westminster, Clinton St., cor. 1st Pl.  
Wyckoff Heights Chapel, 148 Wyckoff Ave.

## REFORMED PRESBYTERIAN.

First, Prospect Place, near 5th Ave.

## UNITED PRESBYTERIAN.

First, S. 1st St., cor. Rodney St.  
Second, Atlantic Ave., cor. Bond St.  
Westminster, Bainbridge St. and Hopkinson Ave.

## PROTESTANT EPISCOPAL.

Frederick Burgess, Bishop.

Advent, Bensonhurst.  
All Saints', 7th Ave., cor. 7th St.  
Ascension, Kent St., near Manhattan.  
Atonement, 17th St., near 5th Ave.  
Calvary, S. 9th St., cor. Marcy Ave.  
Christ, E. D., Bedford Ave., opposite Morton.  
Christ, Clinton, cor. Harrison.  
Christ, 3d Ave., cor. 68th St.  
Christ Chapel, Wolcott St., near Van Brunt St.  
Church Foundation Chapel, Atlantic, near Albany Ave.  
Church of Our Saviour, Clinton St., cor. Luquer St.  
Epiphany, McDonough St. and Tompkins Ave.  
Good Shepherd, McDonough St., near Stuyvesant Ave.  
Grace, E. D., Conselyea St., near Lorimer St.  
Grace, Hicks St., cor. Grace Court.  
Holy Apostles, Greenwood Ave., cor. Prospect.  
Holy Comforter Chapel, 44 Debevoise St.  
Holy Cross Mission, 176 St. Nicholas Ave.  
Holy Spirit, Benson Ave., cor. 20th Ave.  
Holy Trinity, Clinton St., cor. Montague St.  
Incarnation, Gates Ave., near Classon Ave.  
Messiah, Greene Ave., cor. Clermont Ave.  
Nativity, Kenilworth Pl., near Ave. F.  
Redeemer, Church of the Pacific St., cor. 4th Ave.  
St. Alban's, Canarsie.  
St. Andrew's, 47th St. and 4th Ave.  
St. Ann's, Clinton St., cor. Livingston St.  
St. Augustine's, St. Edward's, near Park Ave.  
St. Barnabas', Bushwick Ave., near Kossuth Pl.  
St. Bartholomew's, Pacific St., cor. Bedford Ave.  
St. Clement's, Pennsylvania Ave., cor. Liberty St.  
St. George's, Marcy Ave., cor. Gates Ave.  
St. James', St. James' Pl., cor. Lafayette Ave.  
St. John's, St. John's Pl., cor. 7th Ave.  
St. John's, 99th St., cor. Fort Hamilton Ave.  
St. John's, Parkville.  
St. John's Chapel, Atlantic Ave., cor. Albany.  
St. Jude's, 55th St., near 13th Ave.  
St. Luke's, Clinton Ave., near Fulton St.  
St. Margaret's, Van Brunt St., near President St.

## PROTESTANT EPISCOPAL—Continued.

St. Mark's, Adelphi St., near De Kalb Ave.  
St. Mark's, Bedford Ave., cor. S. 5th St.  
St. Martin's, President St., cor. Smith St.  
St. Mary's, Classon Ave., near Willoughby Ave.  
St. Matthew's, Throop Ave., cor. Pulaski St.  
St. Matthias, E. 23d St., Sheepshead Bay.  
St. Michael's, High St., near Gold St.  
St. Michael's, N. 5th St., near Bedford Ave.  
St. Paul's, Clinton St., cor. Carroll St.  
St. Paul's, Church Ave., cor. St. Paul's Pl.  
St. Peter's, State St., near Bond St.  
St. Philip's, Dyker Heights.  
St. Philip's Chapel, Dean St., near Troy Ave.  
St. Stephen's, Patchen Ave., cor. Jefferson Ave.  
St. Thomas', Cooper St., cor. Bushwick Ave.  
St. Timothy's, Howard Ave., near Atlantic Ave.  
Transfiguration, Fulton St., near Railroad Ave.  
Trinity, Arlington Ave., near Schenck Ave.

## REFORMED EPISCOPAL.

Church of the Intercession, Nichols Ave., near Etna St.  
Grace, Fulton St., near Howard Ave.  
Reconciliation, Jefferson Ave., cor. Nostrand Ave.  
Redemption, Leonard St., near Norman Ave.

## REFORMED.

Bay Ridge, 2d Ave. and 80th St.  
Bedford Ave. First Reformed, Bedford Ave., cor. Clymer St.  
Bethany Chapel, Hudson Ave., near Myrtle Ave.  
Bushwick, Bushwick Ave., near N. 2d St.  
Canarsie, Conklin Ave., Canarsie.  
East New York, New Jersey Ave., near Fulton St.  
Edgewood, 54th St., near 14th Ave.  
First, 7th Ave., cor. Carroll St.  
Flatbush, Flatbush Ave., cor. Church Ave.  
Flatbush (Second), (German), Church Ave., opp. Locust St.  
Flatlands, Neck Road, near Flatbush Ave.  
Grace, Lincoln Road, cor. Bedford Ave.  
Gravesend, Neck Road, near Ocean Parkway.  
Greenwood, 41st St., cor. 7th Ave.  
Heights, Church on the Pierrepont St., near Monroe Place.  
Kent St., Kent St., near Manhattan Ave.  
New Brooklyn, Herkimer St., near Howard Ave.  
New Lots, New Lots Ave., cor. Schenck Ave.  
New Utrecht, 18th Ave., near 83d St.  
North, Clermont Ave., near Myrtle Ave.  
Ocean Hill, Herkimer St., near Hopkinson Ave.  
Old Bushwick, Bushwick Ave. and N. 2d St.  
Reformed (German), Graham Ave., near Jackson South, 3d Ave., near 52d St.  
South Bushwick, Bushwick Ave., cor. Himrod St.  
St. Peter's, Union Ave., cor. Scholes St.  
Twelfth St., 12th St., near 5th Ave.

## ROMAN CATHOLIC.

C. E. McDonnell, Bishop.

All Saints' (German), Throop Ave., cor. Thornton.  
Annunciation of the B. V. M. (German), N. 5th St., cor. Havemeyer St.  
Assumption of the B. V. M., York St., cor. Jay St.  
Blessed Sacrament, Fulton St., cor. Euclid Ave.  
Chapel of St. John's Home, St. Mark's Ave., cor. Albany Ave.  
Chapel of St. Mary's Female Hospital, 155 Dean St.  
Chapel of St. Mary's General Hospital, Rochester and St. Mark's Aves.  
Chapel of St. Peter's Hospital, Henry St., cor. Congress St.  
Chapel of the Good Shepherd, Hopkinson Ave., cor. Pacific St.  
Chapel of the Precious Blood, 212 Putnam Ave.  
Chapel of the Visitation Convent, Willoughby Ave., cor. Clinton Ave.  
Church of the Sorrowful Mother, Morgan Ave., cor. Harrison Pl.

## CHURCHES IN BROOKLYN BOROUGH—Continued.

## ROMAN CATHOLIC—Continued.

Fourteen Holy Martyrs, Central Ave., cor. Covert St.  
 Guardian Angel, Boulevard, opposite Race Track.  
 Holy Cross, Church Ave., cor. Prospect St.  
 Holy Family, Rockaway Ave., near 98th St.  
 Holy Family (German), 15th St., cor. 4th Ave.  
 Holy Name, 8th Ave., cor. Prospect Ave.  
 Holy Rosary, Chauncy St., near Stuyvesant Ave.  
 Holy Trinity (German), Montrose Ave., near Graham Ave.  
 Immaculate Conception, Leonard St., cor. Maujer.  
 Immaculate Conception Chapel, Bushwick Ave., cor. De Kalb Ave.  
 Immaculate Heart of Mary, Fort Hamilton Ave., cor. E. 4th St.  
 Nativity, Classon Ave., cor. Madison St.  
 Our Lady of Angels, 4th Ave., cor. 74th St.  
 Our Lady of Czestohowa (Polish), 25th St., near 4th Ave.  
 Our Lady of Good Counsel, Madison, near Ralph Ave.  
 Our Lady of Loretto (Italian), Powell St.  
 Our Lady of Lourdes, De Sales Pl., near Broadway.  
 Our Lady of Mercy, Debevoise Pl., near De Kalb Ave.  
 Our Lady of Mount Carmel (Italian), N. 8th St., cor. Union Ave.  
 Our Lady of Peace (Italian), 461 Carroll St.  
 Our Lady of Perpetual Help, 5th Ave., near 59th St.  
 Our Lady of the Presentation, Rockaway Ave., cor. St. Mark's Ave.  
 Our Lady of the Rosary of Pompeii (Italian), Seigel St., near Bushwick Ave.  
 Our Lady of Solace, W. 17th St. and Mermaid Ave., Coney Island.  
 Our Lady of Victory, Throop Ave., cor. McDonough St.  
 Sacred Heart, Clermont Ave., near Park Ave.  
 Sacred Hearts of Jesus and Mary (Italian), President St., cor. Van Brunt St.  
 St. Agnes', Hoyt St., cor. Sackett.  
 St. Aloysius, Onderdonk Ave. and Stanhope St.  
 St. Alphonsus' (German), Kent Ave., near Manhattan Ave.  
 St. Ambrose, Tompkins Ave., cor. De Kalb Ave.  
 St. Anne's, Front St., cor. Gold St.  
 St. Anthony's, Manhattan Ave., opposite Milton St.  
 St. Augustine's, 6th Ave. and Sterling Pl.  
 St. Barbara's, Central Ave., cor. Bleecker St.  
 St. Benedict's (German), Fulton St., near Ralph Ave.  
 St. Bernard's (German), Rapelye St., cor. Hicks.  
 St. Boniface's (German), Duffield St., near Willoughby St.  
 St. Bridget's, Linden St., cor. St. Nicholas Ave.  
 St. Casimir's (Polish), Greene Ave., near Carlton Ave.  
 St. Catherine's Chapel, Bushwick Ave., cor. Ten Eyck St.  
 St. Cecilia's, N. Henry St., cor. Herbert St.  
 St. Charles Borromeo's, Sidney Pl., cor. Livingston St.  
 St. Edward's, St. Edward's, cor. Leo Pl.  
 St. Elias', 720 Leonard St.  
 St. Finbar's, Bath Beach.  
 St. Francis' Chapel, 300 Baltic St.  
 St. Francis of Chantal, 57th St., near 13th Ave.  
 St. Francis of Assisi, Lincoln Road and Nostrand Ave.  
 St. Francis Xavier's, Carroll St., cor. 6th Ave.  
 St. Gabriel's, New Lots Road and Linwood St.  
 St. James' Pro-Cathedral, Jay St., cor. Chapel St.  
 St. Jerome, cor. Newkirk and Nostrand Aves.  
 St. John the Evangelist's, 21st St., near 5th Ave.  
 St. John's Chapel, Clermont Ave., near Greene Ave.  
 St. John the Baptist's, Willoughby Ave., near Lewis Ave.  
 St. Joseph's, Pacific St., near Vanderbilt Ave.  
 St. Leonard of Port Maurice's (German), Hamburg Ave., cor. Jefferson St.

## ROMAN CATHOLIC—Continued.

St. Louis' (French), Ellery St., near Nostrand Ave.  
 St. Malachy's, Van Sicklen Ave., near Atlantic Ave.  
 St. Mark's, Sheepshead Bay Rd., cor. E. 14th St.  
 St. Mary's, 85th St., cor. 23d Ave.  
 St. Mary's of the Angels (Lithuanian), S. 4th and Roebling Sts.  
 St. Mary of the Immaculate Conception, Leonard St., cor. Maujer St.  
 St. Mary's Star of the Sea, Court St., cor. Luquer.  
 St. Matthew's, Utica Ave., cor. Degraw St.  
 St. Michael's, 4th Ave., cor. 42d St.  
 St. Michael's Archangel (Italian), Lawrence St., cor. Tillary St.  
 St. Michael's (German), Jerome St., near Liberty Ave.  
 St. Nicholas' (German), Powers St., cor. Olive St.  
 St. Patrick's, Kent Ave., cor. Willoughby Ave.  
 St. Patrick's, 95th St., cor. 4th Ave.  
 St. Paul's, Court St., cor. Congress St.  
 St. Peter's, Hicks St., cor. Warren St.  
 SS. Peter and Paul's, Wythe Ave., near S. 2d St.  
 St. Rose of Lima's, Lawrence Ave., near Ocean Parkway.  
 SS. Simon and Jude, Van Siclen Ave., Gravesend.  
 St. Stanislaus' (Scandinavian), 14th St., near 6th Ave.  
 St. Stanislaus' (Polish), Driggs Ave., near Humboldt St.  
 St. Stephen's, Summit St., cor. Hicks St.  
 St. Teresa's, Classon Ave., cor. Sterling Pl.  
 St. Thomas Aquinas', 4th Ave., cor. 9th St.  
 St. Thomas Aquinas', Flatbush Ave., near Ave. N.  
 St. Vincent de Paul's, N. 6th St., near Driggs Ave.  
 St. Vincent's Chapel, 7 Poplar St.  
 Transfiguration, Hooper St., cor. Marcy Ave.  
 Visitation of the B. V. M., Verona St., cor. Richards St.

## UNITARIAN.

First Unitarian Congregational Society, Pierrepont St., cor. Monroe Pl.  
 Fourth, Flatbush.  
 Second, Clinton St., cor. Congress St.  
 Third, Gates Ave., cor. Irving Pl.  
 Willow Pl. Chapel, Willow Pl.

## UNIVERSALIST.

All Souls' Church, S. 9th St., near Bedford Ave.  
 Church of Our Father, Grand Ave., cor. Lefferts.  
 Church of the Good Tidings, Quincy St., near Reid Ave.  
 Church of Reconciliation, N. Henry St., near Nassau Ave.  
 Prospect Heights, Lincoln Pl., near 8th Ave.

## MISCELLANEOUS.

Berean Evangelical, Sumner Ave., near Kosciusko St.  
 Bethlehem Chapel, Prospect Pl., near 6th Ave.  
 Brooklyn Christian Mission, 129 Boerum.  
 Christian Church of the Evangel, Leonard St., near Meserole Ave.  
 Church of Brooklyn, 1028 Gates Ave.  
 Church of God, 870 Willoughby Ave.  
 Church of Individual Dominion, Bedford Ave., cor. Madison St.  
 Church of the New Jerusalem, Monroe Pl., cor. Clark St.  
 Faith Gospel, 128 Meserole Ave.  
 First Congregation and Church of the People, 304 Clinton Pl.  
 First Free Baptist, Keap St., cor. Marcy Ave.  
 Fraternity of Divine Communion, Bedford Ave., cor. Madison St.  
 Household of Faith, 617 Greene Ave.  
 New Church, 550 Bedford Ave.  
 Swedenborgian (New Jerusalem), Clark St. and Monroe Pl.  
 United Brethren (Moravian), Jay St., near Myrtle Ave.

**Clubs in Manhattan Borough.**

PRINCIPAL CLUBS and CLUB-HOUSES. SEE ALSO "SOCIETIES IN MANHATTAN BOROUGH."

| NAME OF CLUB.                      | Organized. | Club-House.              | MEMBERSHIP. |               |                 |               | INITIATION FEE. |               | ANNUAL DUES. |               | Secretary.          |                    |                    |                     |                      |
|------------------------------------|------------|--------------------------|-------------|---------------|-----------------|---------------|-----------------|---------------|--------------|---------------|---------------------|--------------------|--------------------|---------------------|----------------------|
|                                    |            |                          | LIMIT.      |               | PRESENT NUMBER. |               | Resident.       | Non-Resident. | Resident.    | Non-Resident. |                     |                    |                    |                     |                      |
|                                    |            |                          | Resident.   | Non-Resident. | Resident.       | Non-Resident. |                 |               |              |               |                     |                    |                    |                     |                      |
| Aldine Association.....            | 1895       | 111 Fifth Ave.....       | ....        | ....          | 350             | 72            | \$100           | None.         | \$75.00      | \$25.00       | Chas. L. Patton.    |                    |                    |                     |                      |
| American Yacht.....                | 1883       | Milton Point, Rye, N. Y. | ....        | ....          | 200             | ....          | ....            | ....          | 50.00        | ....          | W. P. Allen.        |                    |                    |                     |                      |
| Arion.....                         | 1854       | Park Ave. & 59th St.     | ....        | ....          | 1,500           | ....          | ....            | ....          | 40.00        | ....          | Carl Wittmann.      |                    |                    |                     |                      |
| Arkwright.....                     | 1893       | 320 Broadway.....        | ....        | None.         | 700             | ....          | ....            | \$20.00       | 50.00        | 20.00         | G. H. Betts.        |                    |                    |                     |                      |
| Army and Navy.....                 | 1889       | 16 W. 31st St.           | None.       | None.         | 156             | 853           | 25              | None.         | 30.00        | 5.00          | Charles H. Loring.  |                    |                    |                     |                      |
| Authors.....                       | 1882       | 7th Ave. c. W. 56th St.  | None.       | None.         | 98              | 69            | 25              | 25.00         | 20.00        | 10.00         | Dunfield Osborne.   |                    |                    |                     |                      |
| Barnard.....                       | 1894       | W. 56th St. & 7th Ave.   | ....        | ....          | 578             | 49            | 25              | 10.00         | 10.00        | 5.00          | Edward L. Parris.   |                    |                    |                     |                      |
| Calumet.....                       | 1879       | 267 Fifth Ave.....       | ....        | None.         | 615             | 197           | None.           | 100.00        | ....         | 85.00         | Clinton Adams.      |                    |                    |                     |                      |
| Catholic.....                      | 1871       | 120 Central Park South   | ....        | ....          | 1,000           | 912           | 358             | 50            | None.        | 50.00         | 10.00               | Charles Murray.    |                    |                     |                      |
| Century Association.....           | 1847       | 7 W. 43d St.             | ....        | ....          | 1,000           | 300           | ....            | ....          | 60.00        | 15.00         | James W. Fryor.     |                    |                    |                     |                      |
| City.....                          | 1892       | 19 W. 34th St.           | ....        | ....          | ....            | ....          | ....            | ....          | ....         | ....          | ....                |                    |                    |                     |                      |
| Colonial.....                      | 1889       | B'way & W. 72d St.       | ....        | None.         | 750             | 50            | 100             | 50.00         | 70.00        | 35.00         | Lee Phillips.       |                    |                    |                     |                      |
| Coney Island Jockey.....           | 1880       | 569 Fifth Ave.....       | ....        | ....          | 1,000           | ....          | ....            | ....          | 25.00        | ....          | Cornelius Fellowes. |                    |                    |                     |                      |
| Congregational.....                | 1879       | No Club-House.....       | ....        | None.         | 600             | 5             | 5               | None.         | 10.00        | None.         | Chas. L. Beckwith.  |                    |                    |                     |                      |
| Craftsman's.....                   | 1814       | 17 E. 22d St.            | ....        | None.         | 250             | 25            | None.           | None.         | 15.00        | 5.00          | G. W. Arnold.       |                    |                    |                     |                      |
| Democratic.....                    | 1871       | 617 Fifth Ave.....       | ....        | ....          | 3,000           | None.         | 2,718           | 400           | 100          | 25.00         | 50.00               | Wm. E. Wyatt.      |                    |                     |                      |
| Downtown Ass'n.....                | 1860       | 40 Pine St.              | ....        | ....          | 1,000           | 1,000         | 89              | 150           | 75.00        | 50.00         | 25.00               | Wm. R. Stewart.    |                    |                     |                      |
| Drug Trade.....                    | 1874       | 100 William St.          | ....        | None.         | 300             | ....          | ....            | ....          | 10.00        | 40.00         | 10.00               | Harry Hall.        |                    |                     |                      |
| Engineers.....                     | 1886       | 374 Fifth Ave.....       | ....        | ....          | 1,000           | 1,000         | 50              | 25.00         | 25.00        | 25.00         | Chas. W. Baker.     |                    |                    |                     |                      |
| Fidelio.....                       | 1870       | 110 E. 58th St.          | ....        | ....          | 225             | ....          | ....            | ....          | 60.00        | 25.00         | Samuel Louisson.    |                    |                    |                     |                      |
| German Liederkranz.....            | 1847       | 111 E. 58th St.          | ....        | None.         | ....            | 1,093         | ....            | ....          | 40.00        | ....          | R. F. Lang.         |                    |                    |                     |                      |
| German Press.....                  | 1885       | 21 City Hall Place.....  | ....        | ....          | ....            | 101           | 125             | 10            | 12.00        | 20.00         | 1.00                | F. G. Martini.     |                    |                     |                      |
| Grolier.....                       | 1884       | 29 E. 32d St.            | ....        | ....          | 250             | 125           | 125             | 100           | 50.00        | 30.00         | 15.00               | Thos. G. Evans.    |                    |                     |                      |
| Hardware.....                      | 1892       | 253 Broadway.....        | ....        | ....          | 600             | 200           | 160             | 50            | 50.00        | 50.00         | 25.00               | Arthur G. Sherman. |                    |                     |                      |
| Harlem.....                        | 1881       | Lenox Ave. & 123d St.    | ....        | None.         | 400             | ....          | ....            | ....          | 50.00        | None.         | Henry D. Williams.  |                    |                    |                     |                      |
| Harlem Democratic.....             | 1882       | 106 W. 126th St.         | ....        | None.         | ....            | ....          | ....            | ....          | 10.00        | 10.00         | T. E. Dempsey.      |                    |                    |                     |                      |
| Harlem Republican.....             | 1888       | 23 W. 124th St.          | ....        | None.         | ....            | ....          | ....            | ....          | 30.00        | 15.00         | S. A. Safford.      |                    |                    |                     |                      |
| Harmonie.....                      | 1859       | 45 W. 42d St.            | ....        | ....          | 650             | ....          | ....            | ....          | 125.00       | ....          | E. Spiegelberg.     |                    |                    |                     |                      |
| Harvard.....                       | 1869       | 27 W. 44th St.           | ....        | None.         | 1,047           | 545           | 10              | 10.00         | 10.00        | 10.00         | F. H. Kinnicutt.    |                    |                    |                     |                      |
| Jockey.....                        | 1894       | Windsor Arcade.....      | ....        | ....          | 50              | ....          | ....            | ....          | 100.00       | ....          | F. K. Sturgis.      |                    |                    |                     |                      |
| Knickerbocker.....                 | 1871       | 319 Fifth Ave.....       | ....        | None.         | ....            | ....          | ....            | ....          | 300          | ....          | Jas. W. Appleton.   |                    |                    |                     |                      |
| Knickerbocker Yacht.....           | 1843       | College Point, L. I.     | ....        | ....          | 309             | ....          | ....            | ....          | 20           | 24.00         | J. O. Sinksinn.     |                    |                    |                     |                      |
| Lambs.....                         | 1878       | 70 W. 36th St.           | ....        | ....          | 150             | 100           | 146             | 98            | 100          | 150.00        | 25.00               | John Drew.         |                    |                     |                      |
| Lawyers.....                       | 1887       | 120 Broadway.....        | ....        | ....          | 1,250           | None.         | 1,250           | 450           | None.        | 100.00        | 50.00               | Geo. T. Wilson.    |                    |                     |                      |
| Lincoln.....                       | 1871       | 12 E. 8th St.            | ....        | None.         | ....            | ....          | ....            | ....          | 5            | None.         | 12.00               | Alex. H. Reid.     |                    |                     |                      |
| Lotus.....                         | 1870       | 558 Fifth Ave.....       | ....        | ....          | 600             | 580           | 600             | 100           | 25           | 75.00         | 30.00               | Chester S. Lord.   |                    |                     |                      |
| Manhattan.....                     | 1865       | 26th St. & Madison Ave   | ....        | ....          | 1,500           | ....          | ....            | ....          | 250          | 100.00        | 25.00               | Davide B. Gilbert. |                    |                     |                      |
| Manhattan Chess.....               | 1877       | 105 E. 22d St.           | ....        | None.         | ....            | ....          | ....            | ....          | 20.00        | 10.00         | 10.00               | Guastav Simonsen.  |                    |                     |                      |
| Merchants.....                     | 1871       | 108 Leonard St.          | ....        | ....          | 350             | 150           | 350             | 50            | 100          | 50.00         | 75.00               | 37.00              | Frederic S. Wells. |                     |                      |
| Metropolitan.....                  | 1891       | Fifth Ave. cor. 60th St. | ....        | ....          | 1,000           | 250           | 804             | 201           | 300          | 50.00         | 100.00              | 50.00              | Wm. W. Sherman.    |                     |                      |
| New York.....                      | 1845       | 35th St. & Fifth Ave.    | ....        | ....          | 300             | ....          | ....            | ....          | 30           | 50.00         | 75.00               | 37.50              | William A. Lane.   |                     |                      |
| N. Y. Athletic.....                | 1868       | 56 Central Park South.   | ....        | ....          | 3,300           | 700           | 3,000           | 575           | 100          | 50.00         | 60.00               | 30.00              | Chas. L. Burnham.  |                     |                      |
| N. Y. Caledonian.....              | 1886       | 846 Seventh Ave.         | ....        | None.         | ....            | ....          | ....            | ....          | 5            | ....          | 5.00                | ....               | John Gilchrist.    |                     |                      |
| N. Y. Press.....                   | 1872       | 116 Nassau St.           | ....        | ....          | 750             | 50            | 750             | 50            | 10           | 5.00          | 15.00               | 8.00               | Walter Scott.      |                     |                      |
| N. Y. Railroad.....                | 1872       | 154 W. 57th St.          | ....        | None.         | ....            | ....          | ....            | ....          | 1,024        | ....          | 3                   | ....               | 2.00               | W. B. Yreance.      |                      |
| N. Y. Scottish.....                | 1886       | 241 Fifth Ave.....       | ....        | ....          | ....            | ....          | ....            | ....          | 5            | ....          | 5.00                | ....               | ....               | Robert D. Pentland. |                      |
| N. Y. Turn Verein.....             | 1890       | 85th St. & Lex. Ave.     | ....        | None.         | ....            | ....          | ....            | ....          | 5            | 12.00         | 12.00               | ....               | ....               | ....                |                      |
| N. Y. Yacht.....                   | 1844       | 37 W. 44th St. (a)       | ....        | None.         | ....            | ....          | ....            | ....          | 100          | 100.00        | 50.00               | 50.00              | ....               | G. A. Co'mack.      |                      |
| Players.....                       | 1858       | 16 Gramercy Park.....    | ....        | ....          | 500             | 550           | 459             | 524           | 100          | 50.00         | 40.00               | 20.00              | ....               | Charles E. Carryl.  |                      |
| Prof. Woman's League.....          | ....       | 108 W. 45th St.          | ....        | ....          | ....            | ....          | ....            | ....          | ....         | 5.50          | ....                | ....               | ....               | Miss Alice Brown.   |                      |
| Progress.....                      | 1865       | Cor. 5th Ave. & 53d St.  | ....        | None.         | ....            | ....          | ....            | ....          | 400          | ....          | 25                  | ....               | ....               | Chas. M. Fagman.    |                      |
| Quill.....                         | 1890       | 72 Park Ave.....         | ....        | ....          | 200             | ....          | ....            | ....          | ....         | ....          | ....                | ....               | ....               | ....                |                      |
| Racquet and Tennis.....            | 1875       | 27 W. 43d St.            | ....        | ....          | 700             | 200           | ....            | ....          | 200          | 50.00         | 100.00              | 50.00              | 10.00              | H. C. Mortimer.     |                      |
| Reform.....                        | 1888       | 233 Fifth Ave.....       | ....        | None.         | ....            | ....          | ....            | ....          | 825          | 2,000         | 25                  | None.              | 40.00              | 10.00               | Edwin Baldwin.       |
| Republican.....                    | 1879       | 54 W. 40th St.           | ....        | None.         | ....            | ....          | ....            | ....          | 700          | 300           | 50                  | 25.00              | 25.00              | 12.50               | ....                 |
| Saint Nicholas.....                | 1875       | 7 W. 44th St.            | ....        | ....          | 500             | ....          | ....            | ....          | ....         | ....          | ....                | ....               | ....               | ....                | Rutger B. Jewett.    |
| Salmagundi.....                    | 1871       | 14 W. 12th St.           | ....        | None.         | ....            | ....          | ....            | ....          | 345          | 98            | 50                  | 50.00              | 25.00              | 10.00               | J. A. Thompson.      |
| Seawanhaka - Corinthian Yacht..... | 1871       | Oyster Bay, L. I.        | ....        | ....          | 500             | ....          | ....            | ....          | ....         | ....          | ....                | ....               | ....               | ....                | Francis F. Stewart.  |
| Tilden.....                        | 1900       | B'way & 75th St.         | ....        | None.         | ....            | ....          | ....            | ....          | 450          | 275           | None.               | None.              | 20.00              | 10.00               | George A. Heaney.    |
| Transportation.....                | 1915       | 5 Madison Ave. & 43d St. | ....        | ....          | 500             | ....          | ....            | ....          | 450          | 25            | 25.00               | 40.00              | ....               | ....                | John Carlsen.        |
| Turf and Field.....                | 1895       | Westchester, N. Y.       | ....        | ....          | 200             | ....          | ....            | ....          | 150          | ....          | 50                  | ....               | ....               | ....                | Amos T. French.      |
| Underwriters.....                  | 1898       | 73 William St.           | ....        | ....          | 500             | None.         | 435             | 85            | 25           | 5.00          | 25.00               | 5.00               | ....               | ....                | R. A. Cowles.        |
| Union.....                         | 1836       | Fifth Ave. & 51st St.    | ....        | ....          | 1,400           | ....          | ....            | ....          | 1,400        | ....          | ....                | ....               | ....               | ....                | Franklin Bartlett.   |
| Union League.....                  | 1863       | 1 E. 39th St.            | ....        | ....          | 1,800           | ....          | ....            | ....          | 1,877        | ....          | (e)300              | ....               | (e)30              | ....                | Geo. S. Terry.       |
| University.....                    | 1865       | Fifth Ave. cor. 54th St. | ....        | ....          | 2,000           | 1,500         | 1,810           | 1,315         | 200          | 100.00        | 75.00               | 15.00              | 35.00              | ....                | Otto T. Barnard.     |
| Woman's.....                       | 1901       | 9 E. 46th St.            | ....        | ....          | 700             | 500           | 200             | 400           | ....         | ....          | ....                | ....               | 15.00              | 15.00               | Mrs. W. H. Rockwell. |
| Wood.....                          | 1895       | W. B'way & Beach St.     | ....        | ....          | 400             | 200           | 400             | 160           | ....         | ....          | 15.00               | 50.00              | 10.00              | ....                | John P. Faure.       |

\* Initiation fee, \$50; members under twenty-five years of age, \$25. † Initiation fee for professionals, \$50; dues, \$25. (a) Rendezvous at Bay Ridge, L. I. (b) No initiation fee when applicant is under thirty years of age. (c) Army and Navy members and clergymen, \$150; annual dues, \$33. The returns in this table are of January 1, 1903, approximately.

**Public Buildings in Manhattan Borough.**

Army Building, Whitehall and Pearl Streets.  
 Assay Office, 30 Wall Street.  
 Barge Office, foot of Whitehall Street  
 City Hall, City Hall Park.  
 County Court-House, Chambers St., near B'way.  
 Criminal Court Building, Centre and Franklin Sts.  
 Custom-House, Wall and William Streets.

Jefferson Market Court, 6th Ave. and 10th Street.  
 Ludlow Street Jail, near Grand Street.  
 Post-Office, Broadway and Park Row.  
 Register's Office, City Hall Park.  
 State Arsenal, 7th Avenue and 35th Street.  
 Sub-Treasury, Wall and Nassau Streets.  
 Tombs, Centre and Franklin Streets.

## Libraries in Manhattan and Bronx Boroughs.

- Academy of Medicine, 17 W. 43d St.—Open 10 A. M. to 6 P. M.
- Agular Free Library, 113 E. 59th St., 174 E. 110th St., 197 E. Broadway, 196 Ave. C.
- American Geographical Society, 15 W. 81st St.
- American Institute, 19 W. 44th St.—Open 9 A. M. to 5 P. M.; \$10 initiation fee and \$5 per annum.
- American Museum of Natural History, Central Park W., cor. W. 77th St.
- American Numismatic and Archeological Society, 17 W. 43d St.
- Astor.—See "New York Public Library."
- Benjamin & Townsend, ft. E. 26th St.—Open daily, 9 A. M. to 5 P. M.; Saturday, 9 A. M. to 12 M.
- Booklovers, 29 W. 23d St.—Open 9 A. M. to 5 P. M.
- Bronx Public Library, Washington Ave., cor. E. 176th St.
- Bryson, W. 120th St., nr. Broadway.—Open, except Sunday, 8.30 A. M. to 6 P. M.; Sat., 9 A. M. to 5 P. M.
- Cathedral, 536 Amsterdam Ave., 123 E. 50th St.—Open 9 A. M. to 9 P. M.
- City, 10 City Hall, free.—Open 10 A. M. to 4 P. M.
- College Settlement Ass'n, 95 Rivington St.—Open on Wednesday from 3.30 to 5 P. M. and 7.30 to 9 P. M.; on Friday, 3.30 to 5 P. M.; on Saturday, 10 A. M. to 12 noon.
- Columbia University, W. 116th St. and Amsterdam Ave.
- Cooper Union, 8th St. & 4th Ave.—8 A. M. to 10 P. M.
- De Witt Memorial, 286 Rivington St.—Open daily, except Sunday, from 3 to 8 P. M.
- Genealogical and Biographical, 235 W. 58th St.—Open 10 A. M. to 6 P. M.; Mondays, 8 to 10 P. M.
- Harlem, 32 W. 123d St.—Open 9 A. M. to 9 P. M.
- Historical Society, 170 2d Ave.—Open 9 A. M. to 6 P. M., except during August and on holidays.
- Huntington Free Library, Westchester Ave., Westchester.—Open daily, except Sunday, 9 A. M. to 10 P. M.; on Sundays from 2 to 9 P. M.
- Kingsbridge Free, Riverdale Ave., Kingsbridge.—Open 3 to 6 P. M. and 7 to 9.30 P. M.
- Law Institute, 113 P.-O. Bldg.—9 A. M. to 10 P. M.
- Law Library of Equitable Life Assurance Society, 120 Broadway.—Open 9 A. M. to 7 P. M.; Summer, 9 A. M. to 5 P. M.
- Lenox.—See "New York Public Library."
- Loan Libraries for Ships, 76 Wall St.
- Maimonides, 723 Lexington Ave.—Open Friday and Sunday 9 A. M. to 5 P. M.; Saturday, 7 to 9 P. M.; other days, 9 A. M. to 9 P. M.
- Masonic, 79 W. 23d St.—Open 7 to 10.30 P. M.
- Mechanical Engineers', 12 W. 31st St.—Open daily, except Sunday, 10 A. M. to 10 P. M.
- Mechanics and Tradesmen's Free, 20 W. 44th St.—Open from 8 A. M. to 3 P. M.
- Mercantile, 13 Astor Place, 120 Broadway.—Open 8.30 A. M. to 6 P. M. Rates: Clerks, \$4 per annum others, \$5.
- Metropolitan Museum of Art, Central Park and E. 82d St.
- Mott Memorial Free Medical, 64 Madison Ave.—Open 10 A. M. to 5 P. M.
- New York Free Circulating.—See "New York Public Library."
- New York Free Circulating Library for the Blind, 121 W. 91st St.
- N. Y. Port Society, 46 Catharine St., 128 Charlton
- New York Public Library, Astor, Lenox, and Tilden Foundations, 40 Lafayette Pl. and 895 5th Ave.—Branches for the free circulation of books
- 49 Bond St., 22 E. B'way, 135 and 1523 2d Ave., 251 W. 13th St., 130 W. 23d St., 226 W. 42d St., 223 Amsterdam Ave., 2279 Broadway, 922 St. Nicholas Ave., 206 W. 100th St., 215 E. 34th St., 218 E. 125th St.—Open daily (except Sundays) from 9 A. M. to 9 P. M. Office of Chief of Circulating Department, 226 W. 42d St.
- New York Society, 109 University Place. Open 9 A. M. to 6 P. M. Reading Room 9 A. M. to 9 P. M.
- Olivet Memorial, 59 2d St.—Open 8 A. M. to 8 P. M.
- P. E. Ch. Mission for Seamen, 21 Coenties Slip, Riverdale, Riverdale.—Open Monday, Wednesday, Friday, Saturday, 8 to 10 P. M.; Wednesday and Friday, 2 to 4 P. M.
- St. Agnes' Free, 2279 Broadway.—9 A. M. to 9 P. M.
- St. Aloysius', 208 E. 4th St.—Open Tuesdays and Thursdays from 7.30 to 9 P. M.
- St. Barnabas', 33 Bleeker St.—Open 7 to 10 P. M.
- Seamen's, 34 Pike St., free.—Open 10 A. M. to 10 P. M.
- Sociological Reference, 105 E. 22d St.—Open 9 A. M. to 5 P. M.
- Tabard Inn, 944, 346 Broadway.
- University Law, University Bldg., Washington Sq. E.—Open 9 A. M. to 11 P. M.; Saturdays, 9 A. M. to 9 P. M.
- University Settlement, 184 Eldridge St.—Open from 1.30 to 5.30 P. M. and from 7.30 to 9.30 P. M.
- Webster, ft. E. 76th St.—Open 2 to 10 P. M.
- Woman's Library, 9 E. 8th St.—Open 9 A. M. to 4 P. M.; \$1.50 per annum.
- Young Men's Christian Ass'n, 156 5th Ave., 59 E. 23d St., 140 2d Ave., 139 Lexington Ave., 5 W. 125th St., 361 Madison Ave., 531 W. 155th St., near Broadway, 317 W. 56th St., 158 E. 87th St., 223 Bowery, 49 W. 24th St., foot W. 72d St., 460 W. 44th St.—Open 8.30 A. M. to 10 P. M.; Sundays, 2 to 10 P. M.
- Young Women's Christian Ass'n, 7 E. 15th St.—Open 9 A. M. to 9.15 P. M., Sundays excepted.

## Public Library, Astor, Lenox, and Tilden Foundations.

ESTABLISHED by consolidation of "The Trustees of the Astor Library," "The Trustees of the Lenox Library," and "The Tilden Trust," May 23, 1895, twenty-one trustees being chosen from the trustees of these corporations. The agreement of consolidation provided for the establishment and maintenance of a free public library and reading-room in the City of New York, with such branches as might be deemed advisable for the continued promotion of the objects and purposes of these several corporations.

The Astor Library was founded in 1849 by John Jacob Astor, and his endowment was increased, and land and buildings added, by the beneficence of various members of the Astor family.

The Lenox Library was founded in 1870 by James Lenox, who gave land on Fifth Avenue between Seventieth and Seventy-first Streets, large funds, and valuable collections of Bibles, manuscripts, and Americana. It received subsequently large endowments from his sister, Miss Henrietta Lenox, from Mrs. R. L. Stuart, and others.

The Tilden Trust, incorporated in 1887, was created by the will of Samuel J. Tilden, made in 1884, which gave his entire residuary estate to trustees to establish and maintain a free library and reading-room. A long contest in the courts resulted, before the termination of the suit, in an agreement of compromise by which the Tilden Trust became possessed of over \$2,000,000.

The Trustees soon after the consolidation in 1895 determined to pursue a liberal policy and to create a great library system not only for the use of scholars, but for the people. The best permanent site for the future great library was considered to be in Bryant Park, on Fifth Avenue, between Fourth and Forty-second Streets, on the site of the reservoir, which had become obsolete and was practically

PUBLIC LIBRARY, ASTOR, LENOX, AND TILDEN FOUNDATIONS—Continued.

unused. On March 25, 1896, the Trustees made a formal address to the Mayor asking aid from the city in securing the site of the reservoir, and in May, 1896, the Legislature passed a law authorizing the removal of the reservoir and the lease of the land to the Library. On May 19, 1897, another act was passed providing for the construction by the city of a library building on the reservoir site, and for its lease to the Library, which act was amended in 1900, removing the limit of cost. On November 10 the architects were selected for the new building and on December 1 the plans were approved by the city. The building will front on Fifth Avenue, looking east. The greatest projection of the main façade of the building is seventy-five feet back of the Fifth Avenue building line. It is intended to make a terrace out of this seventy-five feet of foreground, serving as a grand approach to the main entrance. The terrace will be 455 feet long. There will be a hallway in the centre of the building eighty feet long and forty feet wide. The staircases which lead to the second and third floors will be of stone, twelve feet wide. The arches forming the vestibule will be thirty-five feet high and fifteen feet wide. The entrance to the stairs and the elevators will be on the Fortieth Street side. The rooms for the circulation of books and the children's room will be on the basement floor, 42d Street side; on this floor will be also the rooms for patents, the binding and printing departments; the first floor will contain the offices of the business superintendent, the superintendent of circulation, newspaper and periodicals reading-rooms, and exhibition rooms; on the second floor will be the Trustees' room, the office of the director, lecture and assembly rooms, cataloguing and accession departments, and various special reading-rooms; the third floor will contain the large general reading-rooms, the public catalogue, special reading-rooms for manuscripts, Americana, etc., the Stuart books and pictures, the print room, etc. There will be about 140 feet of ground between the west elevation of the building and the present park. The design of the building will be monumental in character, with classical proportions. After delays, owing to the inability of the city to appropriate funds for the work, the removal of the reservoir was begun on June 6, 1899. The reservoir has since been removed and the foundations for the new building completed and the corner-stone for the building laid. The Park Department, acting on behalf of the city, entered into a contract with contractors to construct the building at a cost of \$2,865,706.

In June, 1900, the Finance Department of the city requested the Library to investigate the condition of free circulating libraries, and on September 24 a report was made, after careful investigation, recommending a definite centralized system of free circulating libraries. On December 11, 1900, the Trustees of the New York Free Circulating Library offered to consolidate with the Public Library, and on February 23, 1901, an agreement of consolidation was effected. An act permitting libraries to deed their properties to the Public Library became a law on March 6, 1901, and under the St. Agnes Free Library and the Washington Heights Free Library have conveyed all their property to the Public Library.

On November 14, 1900, the Library received a communication from the Board of Education for the Boroughs of Manhattan and the Bronx, recommending cooperation with the public schools, and on December 12 an agreement with the Board of Education was made by which books were to be supplied in 1901, for reading-rooms in eight public schools. These reading-rooms were discontinued in 1902 owing to lack of appropriation by the Board of Education for maintenance.

On March 12, 1901, Mr. Andrew Carnegie offered to give \$5,200,000 to the city for the construction and equipment of free circulating libraries upon condition that the city should provide the land and agree to maintain the libraries when built. This communication was submitted to the Mayor on March 15, and on April 26 an act was passed authorizing acceptance of the gift by the city upon the terms imposed by Mr. Carnegie. An agreement with the city was executed on July 7, the Library acting as agent for Mr. Carnegie, under which forty-two buildings are to be erected in Manhattan, the Bronx, and Richmond (later increased to fifty), on sites to be selected and purchased by the city with the approval of the Library, the buildings to be leased to the Library and under its control. The city agrees to provide adequate yearly maintenance of 10 per cent of the cost of each building, being agreed upon as a minimum.

On November 7, 1901, an agreement was made with three firms of architects in New York to prepare plans and specifications for these branch libraries. On June 6, 1902, an issue of bonds for \$500,000 was authorized for purchase of sites. The first Carnegie building, known as the Yorkville branch, was opened December 13, 1902, at 222 East Seventy-ninth Street. Seven other sites have been acquired under the contract, and building operations are under way. The Trustees of the library are:

|                      |                     |                   |                        |
|----------------------|---------------------|-------------------|------------------------|
| Amuel P. Avery,      | John S. Kennedy,    | Alexander E. Orr, | Frederick Sturges,     |
| John Bigelow,        | Edward King,        | Henry C. Potter,  | Chas. Howland Russell, |
| John L. Cadwalader,  | Lewis Cass Leynard, | George L. Rives,  | William W. Appleton,   |
| Andrew H. Green,     | Alexander Maitland, | Philip Schuyler,  | Andrew Carnegie,       |
| F. Van Ren. Kennedy, | Stephen H. Olin,    | George W. Smith,  | J. Pierpont Morgan.    |

Ethel M. Low, Mayor of City of New York, *ex-officio*. Edward M. Grout, Comptroller of the City of New York, *ex-officio*. Charles V. Fornes, President of the Board of Aldermen, *ex-officio*.

There is an advisory committee on circulation consisting of F. W. Stevens, J. F. Kernohan, C. Tribner, F. C. Huntington, W. W. Appleton; Chairman, A. Maitland, H. E. Howland.

RANCHES—REFERENCE.—Astor Building, 40 Lafayette Place. Lenox Building, 890 Fifth Ave.

BRANCHES—CIRCULATING.

|                                 |                                                              |                                    |
|---------------------------------|--------------------------------------------------------------|------------------------------------|
| Madison Street, 49 Bond St.     | Muhlenberg, 130 W. 23d St.                                   | Thirty-fourth St., 215 E. 34th St. |
| Wendover, 135 Second Ave.       | Bloomingtondale (and Travelling Libraries), 206 W. 100th St. | Chatham Square, 22 East B'way.     |
| George Bruce, 226 W. 42d St.    | Riverside, 261 W. 69th St.                                   | St. Agnes, 2279 Broadway.          |
| Jackson Square, 251 W. 13th St. | Yorkville, 1523 Second Ave.                                  | Washington Heights, 922-924 St.    |
| Arlem, 218 E. 125th St.         |                                                              | Nicholas Ave. (cor. 156th St.)     |

STATISTICS FOR YEAR ENDED JUNE 30, 1901.

|                                        |         |                                 |           |
|----------------------------------------|---------|---------------------------------|-----------|
| Names called for in reference branches | 411,883 | Volumes given out for home use  | 1,965,266 |
| Number of readers                      | 165,011 | Volumes in reference department | 571,081   |
| Visitors to art galleries              | 33,240  | “ circulating “                 | 218,818   |
| Volumes read in circulating branches   | 191,236 | Pamphlets reference “           | 206,687   |

## Markets in Manhattan Borough.

Catharine, foot of Catharine Street, East River.  
Centre, Centre Street, bet. Grand and Broome Streets.  
Clinton, bounded by Spring, Canal, West, and Washington Streets.  
Farmers', Gansevoort and West Streets.  
Fulton, bounded by Beekman, Fulton, South, and Front Streets.

Fulton Fish, South Street, opp. Fulton Market.  
Jefferson, Greenwich Avenue and 6th Avenue.  
Tompkins, 3d Avenue, bet. 6th and 7th Streets.  
Union, East Houston and Columbia Streets.  
Washington, bounded by Washington, West, Vesey, and Fulton Streets.  
West Washington, bounded by West, Washington, and Gansevoort Streets.

## Monuments and Statues in Manhattan Borough.

ARTHUR, CHESTER A., Madison Square.  
BARTHOLDI STATUE, see "Liberty," below.  
BEETHOVEN, bronze bust, on a granite pedestal, 15 ft. high, Central Park, on the Mall; unveiled 1884.  
BOLIVAR, equestrian statue of Simon Bolivar, the South American soldier and statesman, West 81st St. entrance to Central Park.  
BURNS, bronze statue, Central Park, on the Mall; unveiled 1880.  
CERVANTES, bust of Cervantes, author of "Don Quixote," in Central Park.  
COLUMBUS, marble statue, in Central Park; unveiled 1892.  
COMMERCE, bronze figure, Central Park, near the 8th Ave. and 59th St. entrance; unveiled 1865.  
CONKLING, bronze statue, Madison Square Park, cor. Madison Ave. and 23d St.  
COOPER, PETER, statue in park opposite Cooper Union.  
COX, bronze statue of the statesman S. S. Cox, erected by the letter-carriers, Astor Place.  
DE PEYSER, Abraham, statue in Bowling Green Park.  
DODGE, bronze statue of William E. Dodge, at Broadway, 6th Ave. and 36th St.; unveiled 1885.  
ERICSSON, statue of the inventor, on the Battery.  
FARRAGUT, bronze statue, Madison Square Park, near 5th Ave. and 26th St.  
FRANKLIN, bronze statue, Printing House Square; unveiled 1872.  
GARIBALDI, bronze statue, Washington Square; unveiled 1888.  
GRANT, ULYSSES S., tomb, Riverside Drive and 123d St.; 160 feet high; dedicated April 27, 1897.  
GREELEY, bronze statue, at the front entrance of the *Tribune* Office; unveiled 1890.  
GREELEY, Greeley Square, 33d St. and Broadway.  
HALE, bronze statue of Nathan Hale, the martyr spy of the Revolution; City Hall Park, near Broadway and Mail St.; erected by the Sons of the Revolution in 1893.  
HALLECK, bronze statue, Central Park, on the Mall; unveiled 1877.  
HAMILTON, granite statue of Alexander Hamilton, Central Park, on the East Drive, above the Metropolitan Museum of Art.  
HANCOCK, in Hancock Square, St. Nicholas Ave. and W. 124th St.  
HEINE, poet, Lorelei Fountain, Mott Ave. and 161st St.  
HOLLEY, bronze bust of Alexander Holley, Washington Square; unveiled 1890.  
HUMBOLDT, bronze bust, Central Park, near the 5th Ave. and 59th St. entrance.  
HUNT, RICHARD M., Memorial, 5th Ave., opposite Ledox Library.  
INDIAN HUNTER, bronze figure, Central Park, near lower entrance to the Mall.  
IRVING, bronze bust, Bryant Park, on W. 40th St.; unveiled 1866.

LAFAYETTE, bronze statue, Union Square, lower end of Park; unveiled 1876.  
LIBERTY ENLIGHTENING THE WORLD, on Liberty Island, in the Harbor, copper statue, on granite and concrete pedestal; statue, 151 feet high; pedestal, 155 feet high; total height above low-water mark, 305 feet 11 inches; unveiled 1886.  
LINCOLN, bronze statue, Union Square, southwest corner; unveiled 1868.  
MARTYRS' MONUMENT, Trinity Churchyard, in memory of the American soldiers and sailors who died in the British prison ships in the Revolutionary War.  
MAZZINI, bronze bust, Central Park, on the West Drive.  
MOORE, bronze bust of Thomas Moore, the poet, Central Park, near the Pond and 5th Ave. entrance; unveiled 1880.  
MORSE, bronze statue of the inventor of the telegraph, Central Park, near 5th Ave. and 72d St. entrance; unveiled 1871.  
OBELISK, Central Park, near the Metropolitan Museum of Art; brought from Egypt, and erected 1881; it is of granite, 70 feet long, and weighs 200 tons.  
SCHILLER, bronze bust, Central Park, in the Ramble; unveiled 1859.  
SCOTT, bronze statue of Sir Walter Scott, Central Park, on the Mall; unveiled 1872.  
SEVENTH REGIMENT, bronze figure of a soldier of this regiment, to commemorate its dead in the Civil War, Central Park, on the West Drive; unveiled 1874.  
SEWARD, bronze statue, southwest corner of Madison Square Park; unveiled 1876.  
SHAKESPEARE, bronze statue, Central Park, at the lower end of the Mall; unveiled 1872.  
SIMS, bronze statue of Dr. Marion Sims, Bryant Park, north side.  
STUYVESANT, marble effigy of Gov. Peter Stuyvesant, in the outer wall of St. Mark's Church.  
THE PILGRIM, bronze statue, Central Park, near E. 72d St. entrance.  
THORWALDSEN, bronze statue, 59th St., facing 6th Ave.  
WASHINGTON AND LAFAYETTE, bronze statue, W. 114th St., junction Morningside and Manhattan Aves.  
WASHINGTON, bronze equestrian statue, Union Square, southeast side.  
WASHINGTON, bronze statue, at the entrance to the Sub-Treasury Building, Wall St.; unveiled 1883.  
WASHINGTON MARBLE ARCH, Washington Square, at the foot of 5th Ave.  
WEBSTER, bronze statue, Central Park, on the West Drive, near 72d St.  
WORTH, granite shaft, in honor of Major-General Worth, U. S. A., at Broadway, 5th Ave., and 25th St.; unveiled 1857.

## Population of New York City.

GROWTH OF THE CITY SINCE ITS EARLIEST DAYS.

|           |        |           |         |           |           |                    |           |
|-----------|--------|-----------|---------|-----------|-----------|--------------------|-----------|
| 1653..... | 1,120  | 1788..... | 23,688  | 1835..... | 253,028   | 1880.....          | 1,206,299 |
| 1661..... | 1,743  | 1790..... | 33,131  | 1840..... | 312,710   | 1890.....          | 1,515,301 |
| 1673..... | 2,500  | 1800..... | 60,489  | 1845..... | 358,310   | 1893.....          | 1,891,306 |
| 1696..... | 4,455  | 1805..... | 75,587  | 1850..... | 515,547   | 1898 (all Boro's). | 3,350,000 |
| 1731..... | 8,256  | 1810..... | 95,373  | 1855..... | 629,904   | 1899 " "           | 3,549,558 |
| 1750..... | 10,000 | 1816..... | 100,619 | 1860..... | 813,669   | 1900 " "           | 3,595,926 |
| 1756..... | 10,530 | 1820..... | 123,705 | 1865..... | 726,836   | 1901 " "           | 3,437,202 |
| 1771..... | 21,865 | 1825..... | 165,136 | 1870..... | 942,292   | 1902 " "           | 3,582,930 |
| 1774..... | 23,861 | 1830..... | 202,589 | 1875..... | 1,041,886 | 1903 " "           | 3,632,501 |

\* U. S. Census Report of 1900. Estimated population by Board of Health for Jan. 1, 1901, 3,490,091.



## National Guard, New York.

Temporary Headquarters, Stewart Building, 280 Broadway, Manhattan Borough.

Commander.....Major-General Charles F. Roe.

Assistant Adjutants-General.....Col. S. H. Olin and

Lieut.-Col. Frederick Phisterer.

Inspectors.....Col. W. H. Chapin and Lieut.-

Col. J. W. Cleveland.

Judge-Advocate.....Lieut.-Col. W. W. Ladd, Jr.

Ordinance Officers and Inspectors of Small-Arms

Practice.....Lieut.-Col. N. B. Thurston and Major

W. M. Kirby.

Quartermaster.....Lieut.-Col. J. I. Holly

Commissary of Subsistence.....Lt.-Col. Gilford Hurry

Surgeon.....Col. George R. Fowler

Engineer.....Lieut.-Col. John Bogart

Signal Officer.....Major F. T. Leigh

Aides-de-Camp, Majors L. M. Greer, J. B. Holland,

and R. K. Prentice.

### ATTACHED TO HEADQUARTERS NATIONAL GUARD.

| ORGANIZATION.        | Armory.                                    | NUMERICAL STRENGTH. |      | Commander.              | Adjutant.            | Headquarter Night. |
|----------------------|--------------------------------------------|---------------------|------|-------------------------|----------------------|--------------------|
|                      |                                            | Officers.           | Men. |                         |                      |                    |
| First Signal Corps.  | 930 7th Ave., Manhattan...                 | 3                   | 48   | Capt. O. Erlandson....  | .....                | Monday.            |
| Second Signal Corps. | 801 Dean Street, Brooklyn...               | 3                   | 34   | Capt. C. B. Baldwin.... | .....                | Monday.            |
| Twenty-second Eng.   | 68th St. & Broadway, Man...                | 41                  | 588  | Col. F. Bartlett.....   | Capt. R. J. Daly.... | Monday.            |
| Squadron A.....      | Madison Ave. & 91th St., Man.              | 18                  | 233  | Maj. O. B. Bridgman...  | S. R. Bradley.....   | Friday.            |
| Troop C.....         | N. Portland Ave., Brooklyn.                | 6                   | 107  | Capt. C. I. DeVoise.... | .....                | Monday.            |
| Thirteenth Artillery | Summer & Jefferson Aves., B <sup>k</sup> n | 51                  | 1005 | Col. D. E. Anstett..... | T. S. Fleming.....   | Tuesday.           |
| First Battery.....   | 56 West 66th St., Manhatn...               | 6                   | 94   | Capt. L. Wendel.....    | .....                | Friday.            |
| Second Battery.....  | 1891 Bathgate Ave., Bronx...               | 6                   | 85   | Capt. D. Wilson.....    | .....                | Tuesday.           |
| Third Battery.....   | 165-179 Ciermont Ave., B <sup>k</sup> n    | 6                   | 109  | Capt. H. S. Rasquin.... | .....                | Monday.            |

Total attached to Headquarters, September 30, 1902: Officers and men, 2,454.

### FIRST BRIGADE.

Headquarters, 50 East 59th Street, Manhattan. Brigadier-General George Moore Smith, *Commander*; Assistant Adjutant-General, Lieutenant-Colonel Thomas J. O'Donohue. Headquarter Night, Monday.

| ORGANIZATION.      | Armory.                     | NUMERICAL STRENGTH. |      | Commander.             | Adjutant.           | Headquarter Night. |
|--------------------|-----------------------------|---------------------|------|------------------------|---------------------|--------------------|
|                    |                             | Officers.           | Men. |                        |                     |                    |
| Seventh.....       | Park Ave. & 67th St.....    | 47                  | 947  | Col. D. Appleton.....  | D. W. C. Falls..... | Friday.            |
| Eighth.....        | Park Ave. & 94th St.....    | 41                  | 596  | Col. J. M. Jarvis..... | A. M. Locke.....    | Friday.            |
| Ninth.....         | 125 West 14th St.....       | 35                  | 698  | Col. W. F. Morris..... | E. D. Graff.....    | Monday.            |
| Twelfth.....       | Columbus Ave. & 53d St..... | 38                  | 941  | Col. G. R. Dyer.....   | R. A. De Russy..... | Daily.             |
| Sixty-ninth.....   | 3d Ave. & 7th St.....       | 39                  | 656  | Col. E. Duffy.....     | J. R. Foley.....    | Tuesday.           |
| Seventy-first..... | 52 East 59th St.....        | 40                  | 699  | Col. W. G. Bates.....  | F. H. Weyman.....   | Tuesday.           |

First Brigade, September 30, 1902: Officers and men, 4,774.

### SECOND BRIGADE.

Brooklyn and Queens Boroughs.

Headquarters, Municipal Building, Brooklyn. Brigadier-General James McLeer, *Commander*; Acting Assistant Adjutant-General, Colonel Edward E. Britton. Headquarter Night, Monday.

| ORGANIZATION.      | Armory.                    | NUMERICAL STRENGTH. |      | Commander.             | Adjutant.           | Headquarter Night. |
|--------------------|----------------------------|---------------------|------|------------------------|---------------------|--------------------|
|                    |                            | Officers.           | Men. |                        |                     |                    |
| Fourteenth.....    | 8th Ave. and 15th St.....  | 48                  | 754  | Col. A. Kline.....     | J. A. Anderson..... | Monday.            |
| Twenty-third.....  | 1322 Bedford Ave.....      | 47                  | 757  | Col. A. S. Barnes..... | G. A. Wingate.....  | Monday.            |
| Forty-seventh..... | Marcy Ave. & Heyward St... | 35                  | 601  | Col. J. G. Eddy.....   | W. F. Barnes.....   | Monday.            |
| 17th Sep. Company  | Flushing, Queens Borough.  | 5                   | 98   | Capt. J. F. Klein..... | .....               | Tuesday.           |

Second Brigade, September 30, 1902: Officers and men, 2,344.

The Naval Militia of New York, headquarters, U. S. S. New Hampshire, foot of East Twenty-fourth Street, New York City, is commanded by Captain Jacob W. Miller, and on September 30, 1902, was composed as follows: Headquarters, 6 officers, First Battalion, U. S. S. New Hampshire, Commander W. B. Franklin, commanding, 25 officers, 300 men; Second Battalion, foot of Fifty-fifth Street, Brooklyn, Commander R. P. Forshaw, commanding, 22 officers, 229 men; Second Separate Division, Rochester, Lieut. E. N. Walbridge, commanding, 6 officers, 81 men. Total Naval Militia: officers and men, 641.

## Art Galleries in Manhattan Borough.

| NAME.                             | Location.               | Admission.             | NAME.                        | Location.                                | Admission.                         |
|-----------------------------------|-------------------------|------------------------|------------------------------|------------------------------------------|------------------------------------|
| Avery, S. P., Jr.....             | 368 Fifth Avenue....    | Free.                  | Keppel, Fr.....              | 20 East 16th Street...                   | Free.                              |
| American Art Galleries.....       | 6 East 23d Street....   | 50c.*                  | Klackson Art Gallery.....    | 7 West 28th Street....                   | Free.                              |
| American Water Color Society..... | 109th St. & Am. Ave.... | .....                  | Knoodler & Co.....           | 235 Fifth Avenue....                     | Free.                              |
| Blakelee, Theron J.....           | 353 Fifth Avenue....    | Free.                  | Lenox Library.....           | 830 Fifth Avenue....                     | .....                              |
| Bousso, Valadon & Co.....         | 303 Fifth Avenue....    | Free.                  | Metropolitan Museum of Art.  | Fifth Avenue and 82d St. (Central Park). | Mon. & Fri. 25c.; other days free. |
| Braun, Clement & Co.....          | 249 Fifth Avenue....    | Free.                  | National Academy of Design.  | Amsterdam Ave., n. 109th St.....         | Free.                              |
| Delmonico, L. Crist.....          | 166 Fifth Avenue....    | .....                  | Schaus, William.....         | 204 Fifth Avenue....                     | Free.                              |
| Durand-Ruel.....                  | 389 Fifth Avenue....    | Free.                  | Society of American Artists. | 215 West 57th Street.                    | 50c.                               |
| Fifth Avenue Art Galleries.....   | 386 Fifth Avenue....    | Free.                  | Tooth, Arthur, & Sons.....   | 299 Fifth Avenue....                     | .....                              |
| Historical Society.....           | 170 Second Avenue....   | Introduction by Member |                              |                                          |                                    |

The private galleries of wealthy New York people are extensive, and the selections of paintings are of great merit and value. Among the most notable collections are those of the Astors and Vanderbilts, H. O. Havemeyer, William Rockefeller, Henry G. Marquand, John A. Garland, S. P. Avery, M. C. D. Borden, George J. Gould, Isaac D. Fletcher, Col. O. H. Payne, Charles S. Smith. Admission to view these galleries may occasionally be obtained by applying by letter to the owners.

\* At stated periods free.

## Parks in Manhattan and Bronx Boroughs.

### HEADQUARTERS, THE ARSENAL, CENTRAL PARK.

Battery, foot of Broadway.  
Bowling Green, foot of Broadway and Whitehall St.  
Bronx, on Bronx River, lies north of E. 182d St. and White Plains Road, east of Southern Boulevard. Zoological Garden.  
Bryant, between 5th and 6th Aves. and W. 40th and W. 42d Sts.  
Cedar Park, bounded by Walton Ave. and 158th St. and Mott Ave.  
City Hall Park, Broadway, Mail St., Park Row, and Chambers St.  
Claremont, bounded by Teller Ave., Belmont St., Clay Ave., and 170th St., in the 24th Ward.  
Corlears Hook Park, bounded by Corlears, Jackson, Cherry, and South Sts.  
Crotona, east of 3d Ave., south of Tremont Ave. and 175th St., east of Boston Road, and north of the 23d Ward line.  
East River Park, between Ave. B and East River, E. 84th St. to E. 89th St.  
Hamilton Fish Park, Houston and Willett Sts.  
Highbridge Park, bounded by 155th St. to Washington Bridge, west of Amsterdam Ave.  
Hudson Park, bounded by Hudson, Leroy, and Clarkson Sts.

Jeannette Park, Coenties Slip, between Front and South Sts.  
Madison Square, between 5th and Madison Aves. and E. 23d and E. 26th Sts.  
Morningside Park, between Columbus and Amsterdam Aves. and W. 110th and W. 123d Sts.  
Mount Morris Park, between Madison and Mt. Morris Aves. and 120th and 124th Sts.  
Pelham Bay Park, on Long Island Sound and East Chester Bay; northeast end of New York City.  
Riverside Park, between Riverside and 12th Aves. and W. 72d and W. 129th Sts.  
Rutgers Park, foot Rutgers St.  
St. Mary's Park, 149th St., St. Ann's and Robins Aves.  
Stuyvesant Square, between Rutherford and Livingston Places and E. 15th and E. 17th Sts.  
Tompkins Square, between Aves. A and B and E. 7th and E. 10th Sts.  
Union Square, between Broadway and 4th Ave. and E. 14th and E. 17th Sts.  
Vancortlandt Park, northern boundary of city, Broadway, Vancortlandt Ave., Jerome Ave., and Mt. Vernon Ave.  
Washington Square, between Wooster and Macdougall Sts. and Waverley Place and W. 4th St.

### CENTRAL PARK.

The great park of New York extends from 59th St. to 110th St., being over 2½ miles long, and from 5th Ave. to 8th Ave., being over half a mile wide. It covers 843 acres, of which 185 are in lakes and reservoirs and 400 in forest, wherein over half a million trees and shrubs have been planted. There are 9 miles of roads, 5¼ of bridge paths, and 28¼ of walks. The landscape architects of the Park were Frederick Law Olmsted and Calvert Vaux. Public park carriages can be found (except in Winter) at the entrances on 5th Ave. and 8th Ave. The fare for an extended ride through the Park is 25 cents. Work was begun on the Park in 1857. The following fanciful names have been officially applied to the several entrances to the Park: 5th Ave. and 59th St., Scholar's Gate; 6th Ave. and 59th St., Artist's Gate; 7th Ave. and 59th St., Artisan's Gate; 8th Ave. and 59th St., Merchant's Gate; 8th Ave. and 72d St., Woman's Gate; 8th Ave. and 81st St., Hunter's Gate; 8th Ave. and 85th St., Mariner's Gate; 8th Ave. and 96th St., Gate of All Saints; 8th Ave. and 100th St., Boy's Gate; 8th Ave. and 110th St., Stranger's Gate; 5th Ave. and 67th St., Student's Gate; 5th Ave. and 72d St., Children's Gate; 5th Ave. and 79th St., Miner's Gate; 5th Ave. and 90th St., Engineer's Gate; 5th Ave. and 96th St., Woodman's Gate; 5th Ave. and 102d St., Girl's Gate; 5th Ave. and 110th St., Pioneer's Gate; 6th Ave. and 110th St., Farmer's Gate; 7th Ave. and 110th St., Warrior's Gate.

### FACTS ABOUT PUBLIC PARKS.

Union Square was purchased by the city in 1833 for \$116,051; Madison Square, in 1847, for \$65,952; Tompkins Square, in 1854, for \$93,358; Washington Square, in 1857, for \$77,970, and Manhattan Square, in 1858, for \$54,657. The latter is assessed as a part of Central Park. The other four are assessed at over \$16,000,000, and are easily worth \$20,000,000, while their original cost to the city was only \$353,331. Prospect Park, Brooklyn, contains 516 1-6 acres, in woodland, 110 acres, in lakes and water courses, 77 acres, in meadows, 70 acres, in plantations, 259 1-6 acres, in drives, 9 miles, in bridle roads, 3 1-10 miles, in walks, 12 miles. Ocean Parkway is 5 1-2 miles long and 210 feet wide. Eastern Parkway is 2 1-2 miles long and 210 feet wide. London has 271 public parks, containing 17,876 acres of ground. The largest European city park is in Denmark; it contains 4,200 acres. The great forest of Northern New York covers an area of 3,588,803 acres.

## Fire Engine Companies in Brooklyn Borough.

(Headquarters, 365 Jay Street, Brooklyn.)

### ENGINE COMPANIES.

- |                                          |                                                  |                                                 |
|------------------------------------------|--------------------------------------------------|-------------------------------------------------|
| 101—1238 4th Ave.                        | 124—155 Furman St.                               | 146—E. 23d St., nr. Voorhees Av.                |
| 102—Van Brunt St., nr. Seabring.         | 125—Liberty Ave., n. Ashford St.                 | 147—60th St., n. New Utrecht Av.                |
| 103—Hicks St., near Degraw St.           | 126—State st., near Nevins St.                   | 148—Church Ave., n. Bedford Av.                 |
| 104—Degraw St., near Court St.           | 127—Herkimer St., n. Ralph Av.                   | 149—Rogers Ave., nr. Midwood.                   |
| 105—Pierrepont St., near Fulton.         | 128—39th St., cor. 5th Ave.                      | 150—Lawrence Ave., near 2d Ave.                 |
| 106—Pearl St., near Nassau St.           | 129—Kingsland Ave., cor. Frost.                  | 151—Wallabout Market.                           |
| 107—Pearl St., near Concord St.          | 130—Ellery St., near Marcy Ave.                  | 152—Central Ave., n. Decatur St.                |
| 108—Front St., near Bridge St.           | 131—1772 Eastern Parkway.                        | 153—86th St., near 24th Av.                     |
| 109—Graham Ave., n. Myrtle Av.           | 132—Fireboat David A. Boody, Pier ft. N. 8th St. | 154—Town Hall, Gravesend.                       |
| 110—Carlton Ave., n. Myrtle Av.          | 133—Hull St., near Broadway.                     | 155—Rogers Ave., near Ave. F.                   |
| 111—Clymer St., nr. Bedford Av.          | 134—Bergen St., near Troy Ave.                   | 157—Rockaway Ave. and Canarsie R. R. Flatlands. |
| 112—Wynne Ave., near N. 8th St.          | 135—Monroe St., n. Nostrand Av.                  | 158—105 Jackson Av., L. I. City.                |
| 113—Powers St., n. Manhattan Av.         | 136—Liberty Ave., nr. Market St.                 | 159—71 Gale St., L. I. City.                    |
| 114—Herkimer St., nr. N. Y. Av.          | 137—Morgan Ave., cor. Grattan.                   | 160—687 Vernon Ave., L. I. City.                |
| 115—India St., near Franklin St.         | 138—Norman Ave., nr. Diamond.                    | 161—231 Radde St., L. I. City.                  |
| 116—Scholes St., near Union Av.          | 139—4th Ave., near 6th St.                       | 162—80 Main St., L. I. City.                    |
| 117—De Kalb Av., n. Lewis Av.            | 140—Prospect Av., n. Greenwood.                  | 163—354 Flushing Av., L. I. City.               |
| 118—Hart St., near Central Av.           | 141—Bay Ridge Ave., nr. 2d Ave.                  | Chemical Engine Co. No. 1, 712 Driggs Ave.      |
| 119—Dean St., n. Vanderbilt Av.          | 142—5th Ave., near 92d St.                       | Water Tower No. 1, 124 De Kalb Ave.             |
| 120—11th St., near 7th Av.               | 143—18th Ave. and 86th St.                       |                                                 |
| 121—S. 2d St., near Bedford Av.          | 144—W. 15th St., near Surf Av.                   |                                                 |
| 122—Quincy St., n. Patchen Av.           | 145—W. 8th St., near Surf Av.                    |                                                 |
| 123—Fireboat Seth Low, Pier ft. Main St. |                                                  |                                                 |

**Post-Office (Manhattan Borough), New York City.**

*NOTICE*—Care should be taken when addressing mail matter for delivery in New York City to designate the borough thereon, as many of the streets in the different boroughs bear the same name.

CORNELIUS VAN COTT, Postmaster; EDWARD M. MORGAN, Assistant Postmaster.

**OFFICES AND OFFICE HOURS.**

**SECOND FLOOR.**

**Postmaster.**—Room 1, south end. Office hours, 9 A. M. to 3 P. M.  
**Assistant Postmaster.**—Room 2, Broadway side. Office hours, 9 A. M. to 4 P. M.  
**Superintendent City Delivery.**—Room 5, Park Row side. Office hours, 9 A. M. to 4 P. M.  
**Auditor.**—Room 9, Park Row side. Office hours, 9 A. M. to 4 P. M.  
**Cashier.**—Rooms 21 and 23, Park Row side. Office hours, 10 A. M. to 3 P. M.  
**Money-Orders.**—Superintendent of Department, Room 42, City Hall side. Office hours, 9 A. M. to 5 P. M. Domestic Money-Orders, Rooms 40 and 41, City Hall side. Office hours, 9 A. M. to 5 P. M. International, Room 41, City Hall side.  
**Inquiry Office for Missing Letters, etc.**—Room 14, Broadway side. Office hours, 9 A. M. to 4 P. M.

**MEZZANINE FLOOR.**

First landing at the head of main stairway, south end of building.  
**Order Department of Instruction.**—Room 11, Park Row side. Office hours, 9 A. M. to 4 P. M.  
**Assistant Custodian.**—An officer of the Treasury Department in charge of the building and watch. Room 9, Park Row side. Office hours, 9 A. M. to 4 P. M.  
**Registered Letters and Parcels Department.**—Windows for reception, Rooms 4 and 6, Broadway side. Office hours, 9 A. M. to 6 P. M. Windows for Delivery, Rooms 4 and 6, Broadway side. Office hours, 9 A. M. to 6 P. M.  
 [All offices on the Second and Mezzanine Floors are closed on Sundays, and at 10 A. M. on holidays. No Money-Order or Registry business transacted on these days.]

**ENTRANCE FLOOR.**

**Superintendent of Mails.**—Sec. 13, Park Row side. Office hours, 9 A. M. to 4 P. M.  
**Bureau of Information.**—South end (Retail Stamp Window).  
**Bank Window.**—Sec. 11, Park Row side.  
**Poste Restante.**—A to I Window, sec. 5, Park Row side; I to Z Window, sec. 5, Park Row side; Advertiser Letter Window, sec. 6, Park Row side; Foreign Letter Window, sec. 7, Park Row side; Ladies' Window, sec. 8, Park Row side.  
**Foreign Supplementary Mail Window.**—Sec. 16, Park Row side.  
**Superintendent Foreign Mail Department.**—Sec. 18, Park Row side.  
**Superintendent Carriers' Department.**—General P. O. District, sec. 12, Park Row side.  
**Postage Stamps, etc.**—Stamped envelopes and newspaper wrappers and postal cards. Sales in sums over \$5: Windows 1 and 2, sec. 19, Broadway side, and 6 and 9, south end. Sales in sums of less than \$5: Windows 3, 4, and 5, secs. 17 and 18, Broadway side; windows 7 and 8, sec. 3, south end, and booths 11 and 12, Park Row side.

**OPEN ALWAYS.**

**Superintendent Outgoing Domestic Letter Mails Department.**—Sec. 17, Broadway side.  
**Superintendent General Post-Office Delivery Department.**—Sec. 9, Park Row side.

**Mail in Quantities.**—For New York City delivery, received at Window 10, Broadway side. Letters for outgoing domestic mails received at Window 13, Broadway side. Letters for foreign countries received at Window 16, Park Row side. Circulars received at Window 12, Broadway side. Mail in quantities must be assorted by States by the sender before mailing.

**Delivery for Newspaper Exchanges.**—Sec. 12, Park Row side.  
**Drops.**—For outgoing domestic mails, sec. 15, Park Row side, and secs. 12, 13, 14, 15, Broadway side. For New York City delivery, sec. 10, Park Row side, and sec. 11, Broadway side. For foreign countries, sec. 17, Park Row side, and sec. 16, Broadway side.

**Lock-Boxes.**—South end and Broadway side. Lock-boxes for newspaper exchanges, Park Row side.

On general holidays, viz.: January 1, February 12, 22, May 30, July 4, Labor Day, Election Day, Thanksgiving Day, December 25, and such days as the President of the United States, or the laws, or Governor of the State may designate as holidays, fast, and thanksgiving days, all mails are closed as on other days of the week, but only such carrier deliveries are made as may have been previously announced.

**POST-OFFICE STATIONS IN MANHATTAN AND BRONX BOROUGHS.**

- |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>A, 136-138 Greene St., bet. Prince and Houston Sts.<br/>                 B, 380 Grand St., near Suffolk St.<br/>                 C, 589 Hudson St., cor. Bethune St.<br/>                 D, 25 and 27 Third Ave., near Eighth St.<br/>                 E, 110-114 West 32d St., near Sixth Ave.<br/>                 F, 399 and 401 Third Ave., near 23th St.<br/>                 G, 1648 Broadway, cor. 51st St.<br/>                 H, Lexington Ave., cor. 44th St.<br/>                 I, Columbus Ave., cor. 105th St.<br/>                 J, 2309 and 2311 Eighth Ave., cor. 124th St.<br/>                 K, 203 East 86th St., near Third Ave.<br/>                 L, 141 East 125th St., cor. Lexington Ave.<br/>                 M, 1965 Amsterdam Ave., bet. 157th and 158th Sts.<br/>                 N, Broadway, cor. 69th St.<br/>                 O, 122 and 124 Fifth Ave.<br/>                 P, Produce Exchange Building.<br/>                 R, Third Ave., cor. 150th St. (Morrisania).<br/>                 S, Broadway, cor. Howard St.<br/>                 T, 3319 Third Ave., bet. 164th and 165th Sts.<br/>                 U, Third Ave., cor. 103d St.</p> | <p>V, Southeast cor. West Broadway and Canal St.<br/>                 W, 496 Columbus Ave., cor. 84th St.<br/>                 Y, 1160 and 1162 Third Ave., near 68th St.<br/> <b>Bedford Park</b>, Southern Boulevard, near Webster Ave.<br/> <b>City Island</b>, Main St. and Bay Ave.<br/> <b>Foreign</b>, West St., cor. Morton St.<br/> <b>High Bridge</b>, Depot Place, near Sedgwick Ave.<br/> <b>Kingsbridge</b>, Kingsbridge, near R. R. Station.<br/> <b>Madison Square</b>, Madison Ave., cor. 23d St.<br/> <b>Tremont</b>, 719 Tremont Ave., between Park and Washington Aves.<br/> <b>University Heights</b>, University of the City of New York.<br/> <b>Washington Bridge</b>, Amsterdam Ave., near 180th St.<br/> <b>Westchester</b>, Main St., near West Farms road.<br/> <b>Williamsbridge</b>, White Plains Ave., near Briggs Ave.</p> |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

[All branch stations are opened on week days from 7 A. M. to 8 P. M., for money-order business from 8 A. M. to 6 P. M., for the registry of letters from 8 A. M. to 8 P. M. On Sundays stations are opened from 9 to 11 A. M., and on holidays from 7 to 10 A. M. No money-order or registry business transacted on Sundays or holidays.]

## Post-Office—Brooklyn Borough, New York.

**Postmaster.**—Room 2. Office hours, 9 A. M. to 5 P. M. **Assistant Postmaster.**—Room 3. Office hours, 9 A. M. to 5 P. M. **Cashier.**—Room 4. Office hours, 9 A. M. to 5 P. M. **Superintendent City Delivery.**—Room 11. Office hours, 9 A. M. to 5 P. M. **Superintendent of Mails.**—Room 12. Office hours, 9 A. M. to 5 P. M. **Inquiry Dep't.**—Washington Street Corridor. Office hours, 8 A. M. to 6 P. M. **Money-Order Dep't.**—Rooms 6, 7, and 8. Office hours, 9 A. M. to 5 P. M. **Registry Dep't.**—Room 9. Office hours, 8 A. M. to 8 P. M. **Poste Restante.**—Window in Johnson Street Corridor. **Postage Stamps, etc., in amounts over \$2.**—Wholesale Window, Johnson Street Corridor. **Mail in Quantities.**—Received at Window of Superintendent of Mails in Washington Street Corridor. **Drops.**—In Washington Street Corridor. **Lock Boxes.**—Johnson Street Corridor.

On general holidays all mails are closed at 10 A. M., and the first carrier delivery only is made.

### BRANCH POST-OFFICES.

**A,** 14 and 16 Graham Avenue.  
**B,** 1266-68 Fulton Street.  
**C,** 1241 Third Avenue.  
**D,** 1923 Fulton Street.  
**E,** 2648 Atlantic Avenue.  
 Flatbush, 830 Flatbush Avenue.  
**G,** 328 Manhattan Avenue.  
 Bath Beach, Bath Avenue, near 19th Street.  
 Blytheborough, 11th Avenue and 55th Street.

Station **L,** 132 Flatbush Avenue.  
 Coney Island, between Arcade Place and 8th Street, on Surf Avenue.  
 Fort Hamilton, Fourth Avenue and 99th St.  
 Sheepshead Bay, Voorhies Avenue, between 22d and 23d Streets.  
**S,** Broadway and Greene Avenue.  
**V,** Fifth Avenue and 9th Street.  
**W,** Broadway and South 8th Street.

[All branch stations are open on week days from 7 A. M. to 9 P. M.; for money-order business from 8 A. M. to 9 P. M.; for the registry of letters from 8 A. M. to 7 P. M. On Sundays stations are open from 10 to 11 A. M., and on holidays from 7 to 10 A. M. No money-order or registry business is transacted on Sundays or holidays.]

## Hospitals, Dispensaries, Etc., in Brooklyn Borough.

Bay Ridge Hospital, 60th St. and 2d Ave.  
 Bedford Dispensary, 343 Ralph Ave.  
 Bethesda Sanitarium, 952 St. Mark's Ave.  
 Brooklyn Central Dispensary, 29 3d Ave.  
 Brooklyn City Dispensary, 11 Tillary St.  
 Brooklyn Diet Dispensary, 285 Sackett St.  
 Brooklyn Hebrew Hospital Society, 70 Johnson Ave.  
 Brooklyn Homœopathic Dispensary (E. D.), 194 S. 3d St.  
 Brooklyn Hospital, Raymond St., near De Kalb Ave.  
 Brooklyn Maternity and N. Y. State Training School for Nurses, Washington Ave., cor. St. John's Pl.  
 Brooklyn Nursery and Infants' Hospital, 396 Herklmer St.  
 Brooklyn Training School for Nurses, De Kalb Ave., cor. Raymond St.  
 Bushwick Central Hospital, 4 Howard Ave.  
 Bushwick and East Brooklyn Dispensary, Myrtle and Lewis Aves.  
 Central Homœopathic Dispensary, 298 Howard Ave.  
 Cumberland St. Hospital.  
 Dispensary (Church Charity Foundation), Atlantic Ave., cor. Albany Ave.  
 E. D. Hospital and Dispensary, 108 S. 3d St.  
 East New York Hospital, Old Town Hall.  
 Eye and Ear Hospital, 94 Livingston St.  
 Faith Home for Incurables, Park Pl., corner Classon Ave.  
 Gates Ave. Homœopathic Dispensary, 13 Gates Ave.  
 German Hospital, St. Nicholas Ave. and Stanhope St.  
 Helping Hand Dispensary, 136 Lawrence St.  
 Home for Consumptives, Kingston Ave. and Douglass St.  
 Jewish Hospital, 1028 Gates Ave.  
 Kings County Hospital, Clarkson and E. 39th Sts.

Long Island Throat Hospital and Eye Infirmary, 65 Willoughby St.  
 Long Island College Dispensary, Pacific St., near Henry St.  
 Long Island College Hospital, Henry St., near Pacific St.  
 Lutheran Hospital, East New York Ave., corner Junius St.  
 Memorial Dispensary, 811 Bedford Ave.  
 Memorial Hospital for Women and Children, Classon Ave., cor. St. Mark's Ave.  
 Methodist Episcopal Hospital (Seney Hospital), 7th Ave., cor. 6th St.  
 Norwegian Lutheran Deaconesses' Home and Hospital, 46th St., cor. 4th Ave.  
 Polhemus Memorial Clinic, Amity St., corner Henry St.  
 Red Cross Auxiliary, President's address, 312 Decatur St.  
 R. C. Charitable Hospital, Bushwick Ave., near Maujer St. Sisters of St. Dominick.  
 Skene's Sanitarium, 759 President St.  
 St. Catherine's Hospital, Bushwick Ave., near Maujer St.  
 St. John's Hospital (Church Charity Foundation), Atlantic Ave., cor. Albany Ave.  
 St. Mary's General Hospital, Buffalo and St. Mark's Aves. Sisters of Charity.  
 St. Mary's Maternity and Female Hospital, 155 Dean St. Sisters of Charity.  
 St. Peter's Hospital, Henry St., cor. Congress St. Sisters of the Poor of St. Francis.  
 St. Phebe's Mission Guild, 135 De Kalb Ave.  
 Twenty-sixth Ward Homœopathic Hospital and Dispensary, Bradford St., near Atlantic Ave.  
 U. S. Naval Hospital, Flushing Ave., opposite Ryerson St.  
 Wells' Sanitarium, 945 St. Mark's Ave.  
 Williamsburg Hospital, Bedford Ave., cor. S. 3d St.

# Manhattan (Elevated) Railway Company.

OFFICE, 195 BROADWAY, MANHATTAN BOROUGH.

GEORGE J. GOULD, President.  
ALFRED SKITT, Vice-President.

D. W. McWILLIAMS, Secretary and Treasurer.  
S. D. SMITH, Superintendent.

## MANHATTAN BOROUGH ELEVATED RAILROADS.

Fare, Five Cents. Children under five years of age, free.

Fare, including transfer on the Manhattan Elevated and Third Avenue surface systems, Eight Cents.

### SECOND AVENUE LINE.

Trains will run between South Ferry and 129th Street daily and Sunday at intervals of 2 to 6 minutes from 5.17 A.M. to 12.45 A.M. midnight. Time, 39 minutes. Transfer to and from Third Avenue Line at Chatham Square. Through trains between Canal and 161st Streets 6.23 and 7.22 A.M. and 4.59 and 6.27 P.M. South Ferry to 129th Street and Third Avenue, 8.81 miles.

#### STATIONS.

|                          |                               |                      |                          |
|--------------------------|-------------------------------|----------------------|--------------------------|
| South Ferry.             | 1st St. and 1st Ave.          | 42d St. and 2d Ave.  | 99th St. and 2d Ave.     |
| Hanover Square.          | 8th St. and 1st Ave.          | 50th St. and 2d Ave. | 111th St. and 2d Ave.    |
| Fulton and Pearl Sts.    | 14th St. and 1st Ave.         | 57th St. and 2d Ave. | 117th St. and 2d Ave.    |
| Franklin Square.         | 19th St. and 1st Ave.         | 65th St. and 2d Ave. | 121st St. and 2d Ave.    |
| Chatham Square.          | 23d St. bet. 1st and 2d Aves. | 80th St. and 2d Ave. | 127th St. and 2d Ave.    |
| Canal and Allen Sts.     | 34th St. & 2d Ave., branch    | 86th St. and 2d Ave. | 129th St., connects with |
| Grand and Allen Sts.     | to 34th St. Ferry, E. R.      | 92d St. and 2d Ave.  | Suburban Rapid Transit   |
| Rivington and Allen Sts. |                               |                      |                          |

### THIRD AVENUE LINE.

Trains will run daily and Sunday between City Hall and Pelham Avenue at intervals of 3 to 4 minutes from 5.30 A.M. to 12.44 A.M., then every 20 minutes to 5.30 A.M. Trains will run daily and Sunday between South Ferry and 129th Street at intervals of 6 minutes from 5.07 A.M. to 12 midnight, then every 20 minutes to 5.18 A.M. Branch to Grand Central Depot every few minutes from 6 A.M. to 12 P.M. daily. Branch to 34th Street Ferry every few minutes from 5.30 A.M. to 12 P.M. daily. Time between City Hall and Pelham Avenue, 55 minutes; Chatham Square to 129th Street, 31 minutes; South Ferry to 129th Street, 38 minutes. Transfer to and from Second Avenue Line at Chatham Square.

Trains will run daily and Sunday between 129th Street and Pelham Avenue at intervals of 4 to 6 minutes from 5.18 A.M. to 11.55 P.M., then every 15 minutes until 5.28 A.M. Running time, 21 minutes from 129th Street (Second or Third Avenue) to Pelham Avenue.

129th Street and Third Avenue to Pelham Avenue and Third Avenue, 4.74 miles.

Express trains leave 177th Street and Pelham Avenue for City Hall 6.34 to 8.29 A.M., and from City Hall 5.00 to 6.23 P.M.

South Ferry to 129th Street and Third Avenue, 8.53 miles; City Hall to 129th Street and Third Avenue, 7.57 miles.

#### STATIONS.

|                       |                             |                           |                        |
|-----------------------|-----------------------------|---------------------------|------------------------|
| South Ferry.          | 23d St. and 3d Ave.         | 84th St. and 3d Ave.      | 156th St. and 3d Ave.  |
| Hanover Square.       | 28th St. and 3d Ave.        | 89th St. and 3d Ave.      | 161st St. and 3d Ave.  |
| Fulton and Pearl Sts. | 34th St. & 3d Ave., branch  | 99th St. and 3d Ave.      | 166th St. and 3d Ave.  |
| Franklin Square.      | to 34th St. Ferry, E. R.    | 106th St. and 3d Ave.     | 169th St. and 3d Ave.  |
| City Hall.            | 42d St. and 3d Ave., branch | 116th St. and 3d Ave.     | Wendover and 3d Aves.  |
| Chatham Square.       | to Grand Central Depot.     | 125th St. and 3d Ave.     | 174th St. and 3d Ave.  |
| Canal and Bowery.     | 47th St. and 3d Ave.        | 129th St. and 3d Ave.     | 177th St. and 3d Ave.  |
| Grand and Bowery.     | 53d St. and 3d Ave.         | 133d St. } between Willis | (Tremont.)             |
| Houston and Bowery.   | 59th St. and 3d Ave.        | 138th St. } and Alexander | 183d St.               |
| 9th St. and 3d Ave.   | 67th St. and 3d Ave.        | 143d St. } Aves.          | Pelham Ave. (Fordham.) |
| 14th St. and 3d Ave.  | 76th St. and 3d Ave.        | 149th St. and 3d Ave.     | Bronx Park.            |
| 18th St. and 3d Ave.  |                             |                           |                        |

### SIXTH AVENUE LINE.

Trains will run daily and Sunday between South Ferry and Central Park or Harlem at intervals of 1½ to 4 minutes from 5.22 A.M. to 12 midnight, alternately to 58th Street and 155th Street, and from 12 midnight to 5.22 A.M. every 15 minutes to 155th Street. The 58th Street station closes at midnight. A shuttle train is run between 58th Street and 50th Street station from 6.36 P.M. and 12 midnight, all main line trains after 6.45 P.M. from South Ferry going to 155th Street. The through time from South Ferry to 58th Street is 27 minutes; to 155th Street, 49 minutes. Passengers transferred at 59th Street to Ninth Avenue Line without extra charge. Crosstown (surface) cars run from Grand Central to 42d Street station.

South Ferry to 155th Street and Eighth Avenue, 10.76 miles; South Ferry to 58th Street and Sixth Avenue, 5.18 miles.

#### STATIONS.

|                         |                       |                           |                                |
|-------------------------|-----------------------|---------------------------|--------------------------------|
| South Ferry.            | 8th St. and 6th Ave.  | 53d St. and 8th Ave.      | 130th St. and 8th Ave.         |
| Battery Place.          | 14th St. and 6th Ave. | 59th St. and 9th Ave.     | (down track only).             |
| Rector & N. Church Sts. | 18th St. and 6th Ave. | 66th St. & Columbus Ave.  | 135th St. and 8th Ave.         |
| Cortlandt & N. Church.  | 23d St. and 6th Ave.  | 72d St. and Columbus Ave. | 140th St. and 8th Ave.         |
| Park Pl. & Church St.   | 28th St. and 6th Ave. | 81st St. & Columbus Ave.  | 145th St. and 8th Ave.         |
| Chambers & W. Broadway  | 33d St. and 6th Ave.  | 93d St. and Columbus Ave. | 155th St. & 8th Ave., connects |
| Franklin & W. Broadway  | 42d St. and 6th Ave.  | 104th St. & Columbus Ave. | with New York                  |
| Grand & W. Broadway.    | 50th St. and 6th Ave. | 116th St. and 8th Ave.    | & Putnam Railway.              |
| Bleecker & W. Broadway  | 58th St. and 6th Ave. | 125th St. and 8th Ave.    |                                |

### NINTH AVENUE LINE.

Trains will run daily and Sunday from South Ferry to 135th Street every 4 to 6 minutes, and from 135th Street to South Ferry every 4 to 6 minutes between 5.31 A.M. and 11.32 P.M.; 11.32 P.M. to 5.31 A.M. between South Ferry and 59th Street, 8 to 15 minutes. Time, 24 minutes to 59th Street; 33 minutes to 135th Street.

Passengers transferred at 59th Street to Sixth Avenue Line without extra charge.

Express trains leave 155th Street for Rector Street 5.59 to 9.09 A.M., and Rector Street for 155th Street 2.21 to 6.25 P.M.

South Ferry to 155th Street and Eighth Avenue, 10.07 miles. South Ferry to 59th Street and Ninth Avenue, 5.08 miles.

#### STATIONS.

|                           |                            |                          |                       |
|---------------------------|----------------------------|--------------------------|-----------------------|
| South Ferry.              | Warren & Greenwich Sts.    | Christopher & Greenwich. | 34th St. and 9th Ave. |
| Battery Place.            | Franklin & Greenwich Sts.  | 14th St. and 9th Ave.    | 42d St. and 9th Ave.  |
| Rector & Greenwich Sts.   | Desbrosses & Gr' nwich Sts | 23d St. and 9th Ave.     | 50th St. and 9th Ave. |
| Cortlandt & Gr' nwich St. | Houston & Greenwich Sts    | 30th St. and 9th Ave.    | 59th St. and 9th Ave. |
| Barclay & Greenwich Sts.  |                            |                          |                       |

## Railroads in Manhattan and Bronx Boroughs.

FARES on all New York car lines Five Cents. Children under five years of age free.

*Owing to changes being made in motive power and routes of some of the lines, the information given is, of course, subject to change.*

**NOTICE.**—Numbers following the names of the different routes indicate the railroad company operating the line, viz.: (1) Metropolitan Street Railway; office, 621 Broadway. (2) Central Park, North and East River Railroad; office, 621 Broadway. (3) Third Avenue Railroad; office, 3d Ave. and 65th St. (4) Dry Dock, East Broadway, and Battery Railroad; office, 605 Grand St. (5) Metropolitan Crosstown Railway; office, 621 Broadway. (6) Christopher and Tenth Street Railroad; office, 170 Christopher St. (7) Central Crosstown Railroad; office, 170 Christopher St. (8) Twenty-third Street Railroad; office, 621 Broadway. (9) 42d St. and Grand St. Ferry Railroad; office, 621 Broadway. (10) 42d St., Manhattanville, and St. Nicholas Ave. Railway; office, 118 E. 42d St. (11) Union Railway, 204 E. 128th St. (12) Westchester Electric R. R. (13) Youkers Electric R. R.

**Ave. C Line (1).**—Starting at Ave. A and 23d St., to 17th St., to Ave. C, to 3d St., to 1st St., to Houston St., along Houston St. to West St., along West St. to Chambers St. Ferry. Returning from Chambers St. Ferry on West St. to Charlton St., to Prince St., across Bowery to Stanton St., to Pitt St., to Ave. C, to 18th St., to Ave. A, to 23d St.

**Bleecker St. & Brooklyn Bridge (8).**—Starting at 23d St. Ferry, N. R., on 13th Ave., to 14th St., to Hudson St., to Bleecker St., to Wooster St., to Canal St., across Broadway to Elm St., to Reade St., to Centre St., to Park Row (Brooklyn Bridge). Returning from Brooklyn Bridge to Centre St., to Leonard St., to Elm St., to Canal St., on Canal St. to Greene St., to Bleecker St., to Macdougall St., to W. 4th St., to W. 12th St., to Hudson St., to 14th St., to 18th Ave., to 23d St. Ferry, N. R.

**Boston Ave. Line (11).**—From 129th St. and 3d Ave. Crosses Harlem River, and runs via 3d Ave. through Mott Haven and Melrose to Boston Ave. to Bronx River, West Farms, thence via White Plains Road to Mount Vernon. Returns by same route. Through running time, 25 minutes.

**Boulevard Line (10).**—Leaves foot E. 34th St. Runs through 1st Ave. to 42d St., 7th Ave., Broadway, Manhattan St. to Fort Lee Ferry (W. 130th St.). Returns by same route.

**Broadway Line (1).**—Leaves South Ferry. Runs through Whitehall St. and Broadway to 7th Ave., to 59th St. (Central Park). Returns by same route to Broadway, to Bowling Green, to State St., to Whitehall St., to South Ferry.

**Central Crosstown (7).**—Leaves E. 23d St. Ferry. Runs through Ave. A, 18th, Broadway, 14th, 7th Ave., W. 11th, West St. to Christopher St. Ferry. Returns by West St., W. 11th, to 7th Ave., to 14th St., to Broadway, to 17th St., to Ave. A, to E. 23d St. Ferry.

**Chambers & Grand St. Ferry (1).**—Starting from Grand St. Ferry, on Grand St., to Madison St., to New Chambers St., to Chambers St. across West St. to Pavonia Ferry. Returning through West St. to Duane St., to New Chambers St., to Madison St., to Grand St., to Grand St. Ferry.

**Roosevelt Street Branch (1).**—Starting at Roosevelt St. Ferry, through South St. to James Slip, to New Chambers St., to Chambers St., across West St. to Pavonia Ferry. Returning through West St. to Duane St., to New Chambers St., to James Slip, to South St., to Roosevelt St. Ferry.

**Christopher & 10th St. (6).**—Leaves Christopher St. Ferry. Runs through Christopher, Greenwich Ave., Clinton Pl., E. 8th, St. Mark's Pl., Ave. A, E. 10th to E. 10th St. Ferry. Returns by E. 10th, Ave. A, E. 9th, Stuyvesant Pl., 8th St., Clinton Pl., Greenwich Ave., W. 10th to Christopher St. Ferry.

**City Hall & Ave. B (4).**—Leaves Ann St. and Broadway. Runs through Park Row, E. Broadway, Clinton, Ave. B, 14th, 1st Ave., E. 34th St. to ferry. Returns by same route to 2d St., Ave. A, Essex, E. Broadway, Park Row to Broadway and Ann St.

**City Hall & Ave. D (4).**—Leaves Ann St. and Broadway. Runs through Park Row, E. Broadway, Grand, Columbia, Ave. D, 14th, Ave. A to E. 23d St. Ferry. Returns same route to 14th, Ave. B, 10th, Ave. D, 8th, Lewis, Grand to starting point.

**Columbus Ave. (1).**—Starting at 146th St. and Lenox Ave., on Lenox Ave. to 116th St., to Manhattan Ave., to 109th St., to Columbus Ave. and across the Boulevard to 9th Ave., to 53d St., to 7th Ave., to 45th St. and Broadway, on Broadway to Bowling Green, to State St., to Whitehall St., to South Ferry. Returning by same route.

**Desbrosses & Grand St. (4).**—Leaves Grand St. Ferry. Runs through Grand, Sullivan, Vestry, Greenwich, Desbrosses to Desbrosses St. Ferry. Returns by Desbrosses, Washington, Vestry, thence by same route to starting point.

**Desbrosses St. Ferry Line (1).**—Leaves 4th St. and 6th Ave., through 6th Ave. to Carmine St., Varick, Watts, West to Desbrosses St. Ferry. Returns by same route.

**Spring and Delancey Sts. (1)**—Starting at Grand St. Ferry, through East St. to Delancey St., across Bowery to Spring St., to West Broadway, to Broome St., to Sullivan St., to Watts St., to West St., to Desbrosses St. Ferry. Returning by same route.

**East Belt, First Ave. Line (1).**—Starting at 125th St. on 1st Ave. to 23d St., to Ave. A, to 14th St., to Ave. D, to 8th St., to Lewis St., to Houston St., to Mangin St., to Grand St., across Grand St. to Corlear St., to Monroe St., to Jackson St., to Front St., to South St., to Front St., to Whitehall St., to South Ferry. Returning from South Ferry to South St., to Broad St., to Water St., to Old Slip, to South St., to Montgomery St., to South St., to Corlear St., to Grand St., to Goerck St., to Houston St., to Ave. D, to 14th St., to Ave. A, to 23d St., to 1st Ave., to 125th St.

**Eastchester Line (12).**—From Mount Vernon to Eastchester. Time, 10 minutes.

**Eighth Ave. Line (1).**—Starting at Central Bridge and Polo Grounds (155th St.), along 8th Ave. to Hudson St., to Canal St., to West Broadway, to Greenwich St., to Fulton St., to Church St., to Trinity Place, to Greenwich St., to Battery Place. Returning by same route, except through Barclay St. instead of Fulton St.

**86th St. Crosstown (1).**—Leaves foot East 92d Street. Runs through Avenue A to East 86th St., through transverse road through Central Park, to 86th Street and 8th Avenue. Returns by same route.

**86th St. (10).**—Leaves Amsterdam Ave. and 86th St., through 86th St. to Riverside Drive.

**59th St. Crosstown (2).**—Leaves 1st Avenue and 59th Street. Runs through 59th Street to 10th Avenue, 5th St. Returns by same route.

**Fordham (11).**—Starts from 129th St. and 3d Ave. Crosses Harlem River, through 3d Ave., Mott Haven, Melrose, Morrisania, Claremont Park, Tremont, Fordham to Bedford Park. Returns by same route.

**42d St. & Grand St. Ferry Line (9).**—Starting at West 14th St. Ferry, to Ave. A, to 1st St., to Houston St., to Cannon St., to Grand St., to Grand St. Ferry. Returning from Grand St. Ferry, on Grand St. to Goerck St., to Houston St., to 2d St., to Ave. A, to 14th St.

**42d St. Line (10).**—Leaves E. 34th St. Ferry, through 34th St. to 1st Ave., to 42d St., to foot W. 42d St. Transfers at 3d Ave. with 3d Ave. Line, and at 7th Ave. with Broadway and 10th Ave. Lines.

## RAILROADS IN MANHATTAN AND BRONX BOROUGH—Continued.

**14th St. Line (6).**—Leaves 14th Street and 4th Avenue. Runs through 14th Street to North River. Returns by same route.

**14th St. Ferry N. R. Line (5).**—Leaves foot of Grand St., E. R. Runs through East St., to Delancey, Spring, West Broadway, 4th, Macdougall, Waverley Place, Bank, Greenwich Ave., West 13th, 13th Ave., Ferry foot West 14th St.

**Fourth Ave. Line (1).**—Starting at 135th St. and Madison Ave., along Madison Ave. to 42d St., to 4th Ave., to Bowery, to Broome St., to Centre St., to Park Row and Broadway. Also to Astor Place and Broadway. Returning from Broadway and Park Row, on Park Row to Centre St., to Grand St., to Bowery, to 4th Ave., to 42d St., to Vanderbilt Ave., to 4th St., to Madison Ave., to 135th St.

**Fulton, Cortlandt & Barclay St. Ferries (1).**—Leaves Fulton Ferry. Runs through Fulton St. from South to West St., thence every other car runs to either Barclay or Cortlandt St. Ferry.

**Grand & Cortlandt St. (4).**—Leaves Grand St. Ferry. Runs through Grand, E. Broadway, Canal, Walker, North Moore, Washington to Cortlandt St. Ferry. Returns by Cortlandt, Greenwich, Beach, Lispenard, Broadway, Canal St., same route to starting point.

**Highbridge Line (11).**—Starts from 129th St. and 3d Ave. Crosses Harlem River, and runs via Southern Boulevard to Willis Ave., to Melrose Ave. to 161st St., to Macomb's Dam Bridge, to Highbridge. Returns by same route. Through time, 30 minutes.

**Jerome Ave. Line (11).**—Leaves Macomb's Dam Bridge for Mt. Hope, Fordham Heights, Fordham, Bedford Park, Williamsbridge, Woodlawn Cemetery (Vancortlandt Park). Time, 30 minutes.

**Kingsbridge Line (3).**—Starts from 162d St. and Amsterdam Ave. Runs through Kingsbridge Rd. to 21st St. Returns by same route. Transfers to and from Amsterdam Ave. cars of the 3d Ave. Division.

**Lexington Ave. (1).**—Starting at 146th St. and Lenox Ave., on Lenox Ave., to 116th St., to Lexington Ave., to 23d St., to Broadway, to Bowling Green, to State St., to Whitehall St., to South Ferry. Also line from 130th St. and Lexington Ave., on Lexington Ave. and same route to South Ferry. Returning by same route.

**Mount Vernon Line (12).**—Leaves 129th St. and 3d Ave., to Mt. Vernon, by way of 3d Ave., Melrose Ave., Webster Ave., to Olin Ave., to White Plains Rd., to Mt. Vernon. Runs through Mott Haven, to Melrose, to Morrisania, to Tremont, to Fordham, to Bedford Park (past Botanical Garden in Bronx Park), to Williamsbridge, to Woodlawn, to Wakefield, to Mt. Vernon. Through time, one hour.

**Mount Vernon Stations Line (12).**—Leaves Mount Vernon Station N. Y., N. H. & H. R. R. Runs through First Street to Mount Vernon Avenue, to Mount Vernon Station of Harlem Division N. Y. C. & H. R. R. Returns by same route. Through time, 10 minutes.

**Ninth Ave. (1).**—Starting at 54th St. and 9th Ave., along 9th Ave. to Gansevoort St., to Washington St., to Fulton St., to Greenwich St. Returning from Fulton St. to Greenwich St., to 9th Ave., to 54th St.

**110th St. Line (10).**—Leaves Fort Lee Ferry (foot W. 130th St.) and runs through Manhattan St., St. Nicholas Ave., 110th St. to Ave. A. Returns by same route.

**116th St. Crosstown Line (1).**—Leaves 109th St. and Columbus Ave., to Manhattan Ave., to 116th St., to Pleasant Ave. Returns by same route.

**125th St. Line (3).**—Starts from foot 125th St., E. R. Runs through 125th and Manhattan St., 130th St. to North River. Returns by same route.

**Pelham Park Line.**—Leaves Bartow Station (on Harlem River branch of New Haven Railroad) and runs east through Pelham Park to City Island. Returns by same route.

**Pelham, Mount Vernon, & New Rochelle Line (12).**—Leaves Mount Vernon for Pelham Heights, Pelham Manor, Pelham, and New Rochelle. Through time, 25 minutes.

**Port Morris Line (11).**—From 8th Ave. and 135th St. to Mott Haven, 138th St. to Port Morris. Returns by same route. Through time, 20 minutes.

**Second Ave. (1).**—Leaves Fulton Ferry, E. R. Runs through Fulton, Water, Peck Slip, South, Oliver, Park Row, Bowery, Grand, Forsyth, Houston, 2d Ave. to E. 10th St. Returns by 2d Ave. to Chrystie, Grand, Bowery, Division, Park Row, Pearl, Peck Slip, South to Fulton Ferry.

**Second Ave. Electric Line (1).**—Leaves 129th St. and 2d Ave. Runs through 2d Ave. to 10th St., Stayessant, 4th Ave., Bowery, Broome St., Centre St., to Brooklyn Bridge.

**Astor Place Branch (1).**—Runs from Broadway and Astor Place to 4th Ave.

**Seventh Ave. & Amsterdam Ave. Line (9).**—Starting at 106th St. and Amsterdam Ave., on Amsterdam Ave. to 72d St., on Broadway to 45th St., to 7th Ave., on 7th Ave. to 23d St., on 23d St. to 6th Ave., to 4th St. Returning by same route.

**Sixth Ave. Line (1).**—Starting at 135th St. and Amsterdam Ave., on Amsterdam Ave., across 65th St. to Columbus Ave., to 59th St., to 6th Ave., to 3d St., to West Broadway, to Greenwich St., to Fulton St., to Church St., to Trinity Pl., to Greenwich St., to Battery Pl. Returning by same route, except through Barclay St. instead of Fulton St., and through West 4th St. instead of West 3d St. Also branch to 59th St. and 1st Ave.

**Southern Boulevard Line (11).**—From 129th St. and 3d Ave., via Southern Boulevard, through Port Morris and Woodstock, to Boston Ave., to Bronx River, West Farms.

**Tenth Ave. (10).**—Leaves E. 34th St. Ferry, through 34th St. to 1st Ave., 42d St., 10th Ave., Amsterdam Ave., Manhattan St. to Fort Lee Ferry (W. 130th St.). Returns by same route.

**Third Ave. (3).**—Runs from opposite the Astor House through Park Row, Bowery, 3d Ave., to 130th St., and returns by same route. Also through 125th St. at its junction with 3d Ave. to Amsterdam Ave., thence northerly along Amsterdam Ave. to Fort George, at or about 194th St.

**34th St. Crosstown (9).**—Starting at 34th St. Ferry, E. R., on 34th St., to 10th Ave., to 42d St., to 42d St. Ferry, N. R. Returns by same route.

**28th and 29th Sts. (1).**—Leaves West 23d Street Ferry. Runs through 13th Ave. to 24th St., to 11th Ave., to 28th St., to 1st Ave., to E. 24th Street Ferry. Returns by 1st Avenue to 29th Street, to 11th Avenue, to 24th Street, to 13th Avenue, to W. 23d St. Ferry.

**23d St. & Erie Ferry (8).**—Runs from W. 23d St., N. R., to E. 23d St., E. R.

**34th Street Branch (8).**—Runs through 23d St. to 2d Ave. to 34th St. Ferry. Returns by same route.

**Fourteenth Street Branch (8).**—Leaves West 23d St. Ferry, runs through 13th Ave. to W. 14th St. Ferry, on 14th St., to Ave. A., to 1st St., to Houston St., to Cannon St., to Grand St. Ferry. Returning from Grand St. Ferry, on Grand St., to Goerck St., to Houston St., to 2d St., to Ave. A., to 14th St., to 13th Ave., to 23d St. Ferry.

**Tremont, Westchester, & Unionport Line (11).**—From 177th St. and Jerome Ave. to Tremont, Fairmount, West Farms, Van Nest, Westchester, Unionport. Through time, 35 minutes.

**Western Belt Line (2).**—Leaves South Ferry. Runs through Whitehall, Battery Pl., West, 10th Ave. to 54th. Returns by same route to Battery Pl., State, South Ferry, passing all North River ferries.

**Yonkers Line (13).**—From Mount Vernon through Dunwoodie to Yonkers, Also from Yonkers to Kingsbridge, via Lowerre, Moshulu, etc.

## Steamships from New York City.

THIS table gives the destination of the steamer, then the street from the foot of which the steamships sail, and the location of the office of the agent in Manhattan Borough, City of New York.

- Antigua, W. 10th St., Quebec S. S. Co., 39 B' way.  
Antwerp, foot Fulton St., N. R., Red Star Line, 73 Broadway.
- Antwerp, 7th St., Hoboken, Phoenix Line, 22 State St.
- Australia, Norton & Son, Produce Exchange, and U. S. and Australian Line, 12 Broadway.
- Baltimore, Md., Pier 7, N. R., New York and Baltimore Trans. Co., on Pier.
- Barbados, Martin Stores, Brooklyn Borough, Booth & Co., 88 Gold St.
- Barbados, foot W. 10th St., Quebec S. S. Co., 39 Broadway.
- Bermuda, W. 10th St., Quebec S. S. Co., 39 B' way.
- Bordeaux, Atlantic Dock, Brooklyn, Bordeaux S. N. Co., Produce Exchange.
- Bremen, 3d St., Hoboken, also foot Gansevoort St., North German Lloyd, 5 Broadway.
- Bristol, Eng., foot W. 29th St., Bristol City Line, 25 Whitehall St.
- Buenos Ayres, Dock in Brooklyn Borough, Lamport & Holt Line, 19 Whitehall St.
- Buenos Ayres, Atlantic Dock, Brooklyn, Norton Line and Prince Line, Produce Exchange.
- Callao, Merchants' Line, W. R. Grace & Co., Hanover Square.
- Campeche, Wall St., New York and Cuba Mail S. S. Co., 113 Wall St.
- Cape Town, Africa, Atlantic Dock, Brooklyn, Union-Clan Line, Produce Exchange.
- Carthagena, W. 25th St., Atlas Line, 17 State St.
- Charleston, S. C., foot of W. 10th St., Clyde Line, 19 State St. and 353 Broadway.
- Christiania, 41st St., Brooklyn, Scandinavian-American Line, Produce Exchange.
- Cienfuegos, Wall St., Waydell & Co., 132 Pearl St., or J. E. Ward & Co., 113 Wall St.
- Colon, foot W. 27th St., Panama R. R. Steamship Line, 24 State St.
- Copenhagen, 1st St., Hoboken, Hamburg-American Line, 37 Broadway.
- Copenhagen, 41st St., Brooklyn, Scandinavian-American Line, Produce Exchange and 7 Broadway.
- Costa Rica, W. 25th St., Atlas Line, 17 State St.
- Curacoa, Robert Stores, Brooklyn Borough, Red "D" Line, 135 Front St.
- Curacoa, Royal Dutch W. I. Line, 32 Beaver St.
- Demerara, Royal Dutch W. I. Line, 32 Beaver St.
- Demerara, Demerara S. S. Line, 106 Wall St.
- Demerara, W. 10th St., Quebec S. S. Co., 39 Broadway.
- Dominica, W. 10th St., Quebec S. S. Co., 39 Broadway.
- Dundee, Manhasset Dock, Jersey City, Arrow Line, 11 Broadway.
- Galveston, Burling Slip, Mallory Line, 179 Water St. and 385 Broadway.
- Genoa, 1st St., Hoboken, Hamburg-American Line, 37 Broadway.
- Genoa and Gibraltar, North German Lloyd, 5 Broadway.
- Genoa and Gibraltar, Union Stores, Brooklyn, Anchor Line, 17 Broadway.
- Glasgow, W. 24th St., Anchor Line, 17 Broadway.
- Glasgow, W. 21st St., Allan-State Line, 53 Broadway.
- Greytown, W. 25th St., Atlas Line, 17 State St.
- Halifax, Red Cross Line, 17 State St.
- Hamburg, 1st St., Hoboken, Hamburg-American Line, 37 Broadway.
- Havana, Wall St., New York and Cuba Mail S. S. Co., 113 Wall St.
- Havre, Morton St., French Line, 32 Broadway.
- Hayti, foot W. 25th St., Atlas Line, 17 State St.
- Hayti, Royal Dutch W. I. Line, 32 Beaver St.
- Hull, foot Bethune St., Wilson Line, 22 State St.
- Jacksonville, foot W. 10th St., Clyde Line, 19 State St. and 353 Broadway.
- Key West, Burling Slip, Mallory Line, 179 Water St. and 385 Broadway.
- Kingston, Jamaica, foot W. 25th St., Hamburg-American Line (Atlas Line), 17 State St. and 37 Broadway.
- Laguayra, Royal Dutch W. I. Line, 32 Beaver St.
- Laguayra, Robert Stores, Brooklyn Borough, Red "D" Line, 135 Front St.
- Leghorn, Union Stores, Brooklyn Borough, Anchor Line, 17 Broadway.
- Leghorn, Atlantic Dock, Brooklyn Borough, Prince Line, Produce Exchange Annex.
- Leith, Manhasset Dock, Jersey City, Arrow Line, 11 Broadway.
- Lisbon, Insular Navigation Co., 6 Hanover St.
- Liverpool, foot Jane St., Cunard Line, 29 Broadway.
- Liverpool, W. 11th St., White Star Line, 9 Broadway.
- Liverpool, foot Bethune St., Leyland Line, 24 State St.
- London, W. Houston St., Atlantic Transport Line, 1 Broadway.
- Manchester, Dock in Brooklyn Borough, Lamport & Holt Line, 301 Produce Exchange.
- Marselles, Fabre Line, 24 State St., and Anchor Line, 17 Broadway.
- Martinique, W. 10th St., Quebec S. S. Co., 39 Broadway.
- Melbourne, Atlantic Dock, Brooklyn, American and Australian Line and Tyser Line, Produce Exchange.
- Melbourne, Woodruff Stores, Brooklyn, United States and Australasia Line, 12 Broadway.
- Montevideo, Atlantic Dock, Brooklyn, Norton Line, Prince Line, and Houston Line, all in Produce Exchange.
- Montevideo, Atlantic Dock, Brooklyn, Lamport & Holt Line, 19 Whitehall St.
- Naples, Union Stores, Brooklyn, Anchor Line, 17 Broadway, and Fabre Line, 24 State St., North German Lloyd, Hamburg-American, Prince Line, and Hirtzel, Feltman & Co.'s Line all call at Naples.
- Nassau, Wall St., New York and Cuba Mail S. S. Co., 113 Wall St.
- Nassau, Bahamas S. S. Co., 63 Wall St.
- New Orleans, Pier 9, N. R., Cromwell Line, Pier 9, N. R.
- New Orleans, North Moore St., Southern Pacific Co., 349 Broadway and on Pier.
- Norfolk and Old Point Comfort, Beach St., Old Dominion S. S. Co., on Pier and 81 Beach St.
- Para, Martin Stores, Brooklyn Borough, Booth S. S. Co., 88 Gold St.
- Pernambuco, Dock in Brooklyn Borough, Lamport & Holt Line, 19 Whitehall St.
- Pernambuco, Atlantic Dock, Brooklyn, Sloman's Line and Prince Line, Produce Exchange.
- Philadelphia, foot Oliver St., Clyde Line, on Pier.
- Port au Prince, see "Hayti."
- Port Elizabeth, Atlantic Dock, Brooklyn Borough, American and African Line, 115 Produce Exchange.
- Portland, Maine S. S. Line, 290 Broadway, and foot Pike St., on Pier.
- Port Limon, W. 25th St., Atlas Line, 17 State Street.
- Porto Rico, Columbia Stores, Brooklyn Borough, N. Y. and Porto Rico S. S. Line, 1 Broadway.
- Porto Rico, Robert Stores, Brooklyn Borough, Red "D" Line, 135 Front St.
- Progress, foot Wall St., New York and Cuba Mail S. S. Co., 113 Wall St.



STEAMSHIPS FROM NEW YORK CITY—Continued.

Puerto Cabello, Roberts Stores, Brooklyn Borough, Red "D" Line, 185 Front St.  
 Puerto Cabello, Royal Dutch W. I. Line, 32 Beaver St.  
 Queenstown, Cunard, and White Star Lines call here.  
 Rio de Janeiro, Atlantic Dock, Brooklyn, Prince Line and Sloman's Line, Produce Exchange.  
 Rio de Janeiro, Dock in Brooklyn Borough, Lamport & Holt Line, Produce Exchange 19 Whitehall St.  
 Rotterdam, 6th St., Hoboken. Holland-America Line, 39 Broadway and 9 Stone St.  
 San Domingo, Roosevelt St., Clyde Line, 8 Pearl St.  
 Santiago de Cuba, Wall St., New York and Cuba Mail Line, 113 Wall St.  
 Savannah, Spring St., Savannah Line, on Pier and 317 Broadway.  
 Savanilla, W. 25th St., Atlas Line, 17 State St.

Southampton, Fulton St., N. R., American Line, 73 Broadway.  
 Southampton, North German Lloyd Line, 5 Broadway.  
 St. John's, N. F., Red Cross Line, 17 State St.  
 Stettin, 1st St., Hoboken, Scandia Line, 37 Broadway.  
 Stettin, Scandinavian-American Line, Produce Exchange.  
 Tampico, Prentice Stores, Brooklyn Borough, New York and Cuba Mail Line, 113 Wall St.  
 Trinidad, Royal Dutch W. I. Line, 32 Beaver St.  
 Trinidad, Union Stores, Brooklyn Borough, Trinidad Line, 29 Broadway.  
 Valparaiso, W. R. Grace & Co., Hanover Square.  
 Vera Cruz, Wall St., New York and Cuba Mail Line, 113 Wall St.  
 Wilmington, N. C., W. 10th St., Clyde Line, 19 State St., 353 Broadway.

Ferries from and to Manhattan Borough, New York.

To Astoria—From ft. E. 92d St.  
 " Bedloe's Isl. (Liberty Island).—From Battery.  
 " Blackwell's Island.—From ft. 26th St., ft. 52d St., ft. 70th St., ft. 116th St., E. R.  
 " Brooklyn Borough.—From ft. Catharine St. to Main St., Brooklyn Boro.  
 " " " From ft. E. 10th and ft. E. 23d St. to Greenpoint Ave., Brooklyn Boro.  
 " " " From ft. E. 23d St. to B' way, Brooklyn Boro.  
 " " " From ft. E. 42d St. to B' way, Brooklyn Boro.  
 " " " From ft. E. Houston St. to Grand St., Brooklyn Boro.  
 " " " From ft. Fulton St. to Fulton St., Brooklyn Boro.  
 " " " From ft. Grand St. to Grand St. and Broadway, Brooklyn Boro.  
 " " " From ft. Roosevelt St. to Broadway, B'klyn Boro.  
 " " " From ft. Wall St. to Montague St., B'klyn Boro.  
 " " " From ft. Whitehall St. to Atlantic and Hamilton Aves., Brooklyn Boro.  
 " " " From ft. Whitehall St. to 39th St., Brooklyn Boro.  
 " College Point (Queens Borough).—From ft. E. 99th St.  
 " Edgewater.—From W. 130th St.  
 " Ellis Island.—From Barge Office, Whitehall St.  
 " Hart's Island.—From ft. 26th St., E. R.  
 " Hoboken.—From ft. Barclay and Christopher Sts. to Newark and Ferry Sts., Hoboken.  
 " " From ft. W. 14th St. to 14th St., Hoboken.

To Jersey City.—From ft. Chambers and W. 23d Sts. to Pavonia Ave., Jersey City, (Eric, Northern of New Jersey, and N. J. & N. Y. R. R.)  
 " " " From ft. Cortlandt, Desbrosses, and W. 23d Sts. to Montgomery St., Jersey City. (Pennsylvania R. R., Lehigh Valley R. R., and New York, Susquehanna & Western R. R.)  
 " " " From ft. Liberty and Whitehall Sts. to Communipaw, Jersey City. (Central R.R. of New Jersey.)  
 " " " Pennsylvania Annex from ft. Fulton St., Brooklyn Borough, to Jersey City, connecting with Pennsylvania R. R., Lehigh Valley R. R., and New York, Susquehanna & Western R. R.  
 " " " From ft. W. 13th St. to Bay St., Jersey City.  
 " North Brother Island.—From ft. E. 138th St.  
 " Queens Borough (Long Island City).—From ft. E. 34th St. and James Slip to Borden Ave., Long Island City (L. I. R. R.).  
 " Randall's Island.—From ft. E. 26th & E. 120th Sts.  
 " Richmond Borough (Staten Island).—From ft. Whitehall St. to St. George, Staten Island. (Staten Island and Rapid Transit R.R. and Trolley lines.)  
 " Ward's Island.—From ft. E. 116th St.  
 " Weehawken.—From ft. Franklin and ft. W. 42d St. (to W. Shore R.R. Depot.)  
 " " From ft. W. 42d St. to Old Slip, Weehawken.

Width of Sidewalks in Manhattan Borough.

In streets 40 feet wide.....10 ft.  
 " " 50 " " .....13 "  
 " " 60 " " .....15 "  
 " " 70 " " .....18 "  
 " " 80 " " .....19 "  
 " all above 80, not exceeding 100 feet, 20 "  
 " all streets more than 100 feet, 22 "  
 " Lenox and 7th Aves., north of W. 110th, 35 "  
 " Grand Boulevard.....24 "  
 " Manhattan St.....24 "  
 " Lexington Ave.....18 " 6 in.

In Madison Ave.....18 ft.  
 " 5th Ave.....30 "  
 " St. Nicholas Ave.....22 " 6 in.  
 " Park Ave. from E. 49th to E. 56th St., and from E. 96th St. to Harlem River, 15 "  
 " West End Ave.....30 "  
 " Central Park West, from W. 59th St. to W. 110th, east side.....27 "  
 " Central Park West, from W. 59th St. to W. 110th, west side.....25 "

## Prominent Societies and Associations

(IN MANHATTAN AND BRONX BOROUGHS).

- Actors' Society, 114 W. 40th St. G. D. Macintyre, Sec.
- Actuarial Society, J. Tatlock, Sec., 32 Nassau.
- Am. Bible Society, 6 Bible House. William I. Haven, John Fox, and E. P. Ingersoll, Secs.
- Am. Church Missionary Society, 251 4th Ave. W. Dudley Powers, Sec.
- Am. Fine Arts Society, 215 W. 57th St. H. M. Barry, Sec.
- Am. Geographical Society, 15 W. 81st St. A. A. Raven, Sec.
- Am. Institute, 19 W. 44th St. W. T. Peoples, Sec.
- Am. Institute of Bank Clerks, 25 Pine St. A. O. Kittredge, Sec.
- Am. Missionary Ass'n, 105 E. 22d St. A. F. Beard, F. P. Woodbury, and Chas. J. Ryder, Secs.
- Am. Newspaper Pub. Association, 38 Park Row.
- W. C. Bryant, Sec.
- Am. Protective Tariff League, 135 W. 23d St. Charles A. Moore, Pres.
- Am. Seamen's Friend Society, 76 Wall St. W. C. Stitt, Sec.
- Am. Society for the Prevention of Cruelty to Animals, 26th St. & Madison Ave. J. M. Knox, Sec.
- Am. Society of Civil Engineers, 220 W. 57th St. C. W. Hunt, Sec.
- Am. Sunday-School Union, 158 5th Ave. E. P. Bancroft, Sec.
- Am. Tract Society, 150 Nassau St. W. W. Rand, Sec.
- Am. Water-Color Society, 109th St., near Amsterdam Ave. W. S. Robinson, Sec.
- Am. and Foreign Christian Union, 105 E. 22d St. L. T. Chamberlain, Sec.
- Army Relief Society, 20 E. 42d St. Mrs. J. R. Durvey, Sec.
- Art Students' League, 215 W. 57th St. Mary S. Lloyd, Sec.
- Association for Befriending Children and Young Girls, 136 2d Ave. Mrs. Thomas A. Knmet, Pres.
- Association for Improved Instruction of Deaf Mutes, 912 Lexington Ave. Paul M. Herzog, Sec.
- Bar Association of City of New York, 42 W. 44th St. S. B. Brownell and C. W. Gould, Secs.
- Beethoven Maennerchor, 210 5th St. William Glenow, Sec.
- Charity Organization Society, 105 E. 22d St. E. T. Devine, Gen. Sec.
- Children's Aid Society, 105 E. 22d St. C. L. Bruce, Sec.
- Christian and Missionary Alliance, 692 8th Ave. A. E. Funk, Sec.
- Church Society of Promoting Christianity Among Jews, 281 4th Ave. W. H. Heigham, Sec.
- City Improvement Society, 10 E. 23d St. J. C. Pumpelly, Sec.
- City Vigilance League, 105 E. 22d St. T. L. McClintock, Sec.
- Cooper Union, for Advancement of Science and Art, 8th St. and 4th Ave. A. S. Hewitt, Sec.
- Domestic and Foreign Missionary Society of the Protestant Episcopal Church, 233 4th Ave. A. S. Lloyd and Joshua Kimber, Secs.
- Evangelical Alliance, 105 E. 22d St. L. T. Chamberlain, Sec.
- Friendly Sons of Saint Patrick, B. Moynahan, Sec., 120 Broadway.
- Gaelic Society, 47 W. 42d St. W. J. Balfe, Sec.
- George Junior Republic Association, J. F. George, Sec., 1689 Madison Ave.
- German Liederkrantz, 111 E. 58th St. R. F. Lang, Sec.
- German Society, 13 Broadway. E. Lehmkc, Sec.
- Hebrew Benevolent and Orphan Asylum Society, Amsterdam Ave., cor. W. 136th St. A. Schiff, Sec.
- Hebrew Sheltering Guardian Society, Broadway, cor. W. 156th St. W. Meyer, Sec.
- Helping Hand Association, 229 E. 59th St. Miss Laura Lyman, Sec.
- Holland Society, 346 B'way. T. M. Banta, Sec.
- Home and Foreign Missionary Society of A. M. E. Church, 61 Bible House. H. B. Parks, Sec.
- Hospital Saturday and Sunday Association, 105 E. 22d St. Geo. P. Cammann, Sec.
- Hotel Ass'n, 112 Park Ave. W. L. Jaques, Sec.
- Huguenot Society, 105 E. 22d St. Mrs. J. M. Lawton, Sec.
- Industrial Christian Alliance, 170 Bleecker St. Ralph Bryant, Sec.
- International Order of the King's Daughters and Sons, 156 5th Ave. Mrs. J. C. Davis, Cor. Sec.
- Irish Emigrant Society, 51 Chambers St. H. J. Jackson, Sec.
- Irish Ind. League, 301 W. 59th St. J. J. Daly, Sec.
- Ladies' Christian Union, 49 W. 9th St. Mrs. Henry Bowers, Sec.
- Law and Order Society of State of New York, 34 Park Row. R. S. Aitken, Sec.
- Linnean Society, Central Park West, cor. W. 77th St. W. W. Granger, Sec.
- Mechanical Engineers' Library Association, 13 W. 31st St. Fred. R. Hutton, Sec.
- Methodist Historical Society, 150 5th Ave. Jas. R. Joy, Sec.
- Missionary Society, Chelsea Sq. H. H. D. Sterrett, Sec.
- Municipal Art Society, 215 W. 57th St. F. S. Lamb, Sec.
- Nat'l Association of Credit Men, 20 Nassau St. W. A. Prendergast, Sec.
- Nat'l Christian League for Promotion of Social Purity, 33 E. 22d St. Frances E. Applegate, Sec.
- Nat'l Citizens' Alliance, 41 Park Row. H. Nichols, Sec.
- Nat'l Humane Alliance, 287 4th Ave. H. G. Fiske, Pres., 1432 Broadway.
- Nat'l Sculpture Society, 215 W. 57th St. William Herbert, Sec.
- Nat'l Society of New England Women, Mrs. John T. Van Sickle, Pres., 891 West End Ave.
- Natural Science Association of America, 114 5th Ave. W. S. Tisdale, Sec.
- New England Soc., 32 Nassau St. G. Wilson, Sec.
- N. Y. Academy of Sciences, 12 W. 31st St. H. E. Crampton, Sec.
- N. Y. Association of Working Girls' Societies, Miss Margaret Parsons, Sec., 437 West End Ave.
- N. Y. Association for Improving the Condition of the Poor, 105 E. 22d St. L. E. Oplycke, Sec.
- N. Y. Bible Society, 66 Bible House. Bruce M. Falconer, Sec.
- N. Y. City Church Extension and Missionary Soc. of M. E. Church, 150 5th Ave. F. M. North, Sec.
- N. Y. City Mission and Tract Society, 105 E. 22d St. A. K. Ely, Sec.
- N. Y. Flower and Fruit Mission, 104 E. 20th St. Miss F. L. Russell, Sec.
- N. Y. Genealogical and Biographical Society, 226 W. 58th St. W. E. Ver Planck, Sec.
- N. Y. Historical Society, 170 2d Ave. F. R. Schell, Cor. Sec.
- N. Y. Kindergarten Association, 29 W. 42d St. James M. Bruce, Sec.
- N. Y. Ladies' Home Missionary Society, 63 Park St. A. K. Sanford, Supt.
- N. Y. Law Institute, 116 P.-O. Building. J. J. Rollins, Sec.
- N. Y. Maennerchor Society, 203 E. 56th St. R. Schuler, Sec.
- N. Y. Practical Aid Society, 311 W. 45th St. M. A. Lesser, Sec.
- N. Y. Society for the Enforcement of the Criminal Law, 106 Fulton St. John J. Sleeper, Sec.
- N. Y. Society for the Prevention of Cruelty to Children, 297 4th Ave. E. F. Jenkins, Sec.
- N. Y. Society for the Suppression of Vice, 41 Park Row. A. Comstock, Sec.
- N. Y. Society of Pedagogy, 41 E. 85th St. John W. Davis, Sec.
- N. Y. Sunday-School Association, 146 5th Ave. A. H. McKinney, Sec.
- N. Y. Typographical Society, 320 Broadway.
- N. Y. Zoological Soc., 11 Wall St. and E. 183d St., cor. Southern Boulevard. M. Grant, Sec.
- Ohio Society, Waldorf-Astoria. A. F. Hagar, Sec.
- Old Guard, cor. Broadway and 49th St. Robt. P. Lyon, Adj't.

PROMINENT SOCIETIES AND ASSOCIATIONS—Continued.

Oratorio Society, 7th Ave., near 56th St. W. B. Tuthill, Sec.  
 Orphan Asylum Society, office 105 E. 22d St. Mrs. James K. Richards, Sec.  
 Philharmonic Society, Carnegie Hall. A. Roebelen, Sec.  
 Prison Ass'n. 135 E. 15th St. E. Smith, Sec.  
 Professional Woman's League, 106 W. 45th St. Miss Mary T. Stone, Sec.  
 Prot. Epis. Soc. for the Promotion of Evangelical Knowledge, 2 Bible House. T. H. Topping, Sec.  
 Public Education Ass'n, 19 W. 44th St. Miss C. R. Lowell, Sec.  
 Purim Ass'n, J. S. Isaacs, Sec., 111 Broadway  
 St. Andrew's Society, 105 E. 22d St., 287 E. Broadway. G. A. Morrison, Sec.  
 St. David's Soc., 105 E. 22d St. J. D. Evans, Sec.  
 St. George's Society, 70 Broad St. L. B. Sanderson, Sec.  
 St. Nicholas Society, Charles Isham, Sec., 1286 Broadway.  
 Society for Ethical Culture, 48 E. 58th St. Robert D. Kohn, Sec.  
 Society for Instruction in First Aid to the Injured, 105 E. 23d St. H. H. Truman, Sec.  
 Society for the Prevention of Crime, 105 E. 22d St. T. D. Kenneson, Sec.  
 Society for the Reformation of Juvenile Delinquents, Randall's Island, E. J. Wendell, Sec.  
 Society for the Relief of Half Orphans and Destitute Children, 110 Manhattan Ave. Mrs. J. L. Sutherland, Sec.

Society of American Artists, 215 W. 57th St.  
 State Charities Aid Association, 105 E. 22d St. H. S. Brown, Sec.  
 Tammany Society, 143 E. 14th St. A. T. Kierman, Scribe.  
 Technical Society, 192 3d Ave. K. Kaelble, Sec.  
 Tree Planting Ass'n, 91 Madison Ave. J. D. Emmet, Sec.  
 Unitarian Society, 104 E. 20th St.  
 United Hebrew Charities, 356 2d Ave. I. S. Isaacs, Sec.  
 United Irish League, 47 W. 42d St. Michael Fox, Sec.  
 Union Veteran Legion, 8 Union Square E.  
 University Settlement Society, 184 Eldridge St. S. M. Cromwell, Sec.  
 Veteran Firemen's Association, 106 W. 31st St.  
 William Scott, Sec.  
 White Cross Society, 224 Waverly Place. Alfred Fenney, Sec.  
 Woman's Auxiliary Board Missions, 283 4th Ave. Miss J. C. Emery, Sec.  
 Women's Prison Association, 110 2d Ave. Mrs. Cordelia D. Nash, Sec.  
 Young Men's Christian Association, main office, 156 5th Ave. H. M. Orne, Sec.  
 Young Men's Christian Union, 700 Westchester Ave. R. S. Alcock, Sec.  
 Young Men's Hebrew Association, 861 Lexington Ave. F. Younker, Sec.  
 Young Women's Christian Association, 7 E. 15th St., 460 W. 44th St. Miss J. F. Bangs, Sec.

U. S. Volunteer Life-Saving Corps.

(Incorporated and organized in all the States.)

The Volunteer Life-Saving Corps of the State of New York, "Inland Waters," has 898 stations and 7,600 enrolled members, all expert swimmers, yachtsmen, and boatmen, with about 2,300 boats, from dories to expensive sail, steam, and naphtha launches, and has fifteen lifeboats of its own. It covers all important points on all the lakes and rivers of the State from Montauk Point, L. I., to the shores of Lakes Erie and Ontario. It has saved 4,729 lives in nine years, and has awarded 1,068 honor medals for heroic rescues from drowning. J. Wesley Jones, President, 63 Park Row, New York; Thomas Smith, Secretary; J. Wentworth White, Treasurer.

LIFE-SAVING STATIONS IN GREATER NEW YORK.

**Boroughs of Manhattan and Bronx.**—Charles W. Disbrow, Commander and Secretary; Hudson River Division.—Frank A. Koch, Commander, from the Battery to Spuyten Duyvil; E. A. Reilly, Vice-Commander, Whitehall Ferry to Hell Gate; S. L. Loew, Vice-Com., Harlem River Div.

**Stations**—North River, Battery Park, Barge Office, Governor's Island Pier, Piers 1, 2, 3, 4, 5, 6, 7, 10, 12, Franklin, Grand, Morton, Desbrosses, Forty-ninth, Fiftieth, Fifty-fifth, Sixty-first, Eighty-third, Eighty-sixth, One Hundred and Second, One Hundred and Twenty-third, One Hundred and Twenty-fourth, One Hundred and Forty-ninth, One Hundred and Fifty-first, One Hundred and Fifty-third Streets; Cider Beds and Audubon Park front to Inwood.

On Harlem River.—U. S. Canal, One Hundred and Sixty-second Street, Wyanoke Club, One Hundred and Fifty-third, One Hundred and Sixty-fifth Streets, Lone Star Club, One Hundred and Fortieth, One Hundred and Forty-seventh, One Hundred and Forty-ninth, One Hundred and Thirty-second Streets, Friendship Club, 125th, East Ninety-eighth, East Ninety-second Streets.

East River.—Hell Gate, Astoria, East Eighty-seventh, East Eighty-fourth Streets, Cygnet Club, East Seventy-sixth Street, East-Side House, East Sixty-fifth, East Fifty-fifth, East Fifty-first Streets, Blackwell's Island Ferry, East Forty-ninth Street, Recreation Pier, East Twenty-fourth street; Rivington Street, East Fifth Street, Recreation Pier, East Third Street; Corlears Park, Grand Street, Jefferson Market, Dover Street, Coenties Slip.

**Borough of Brooklyn.**—T. Krombach, Com., Brooklyn Div., Coney Island to Newtown Creek. **Stations**—Fort Hamilton, Manhattan Beach, Coney Island, Norton's Point, Old Iron Pier, Sheeps-Bay Yacht Club, Plum Island, Coney Island Creek, Bay Twenty-seventh Street, Ulmer Park, Gravesend Bay Seventeenth Street, Fishermen's Club, Bensonhurst, Bath Beach, West End Hotel, River View Pier, Twentieth Street Piers, Gowanus Bay, Erie Basin, Amity, Harrison, Baltic, and Bridge Streets, Catharine Street Ferry, Wallabout Basin, North Eighth Street, Newtown Creek Bridges, and all Gowanus Creek Bridges.

**Borough of Queens.**—Jamaica Bay, Thomas Smith, Commander; H. F. Doherty, Inspector. **Stations.**—Canarsie, Bergen Beach, Ruffe Bar, Barren Island, Rockaway Beach, Broad Channel, Old Mill Creek, Aqueduct, Breakwater, Springfield, Flushing, North Beach, Witzel's and Max Zeder's, College Point.

Long Island Sound Divisions.—Ravenswood Boat Club, Clinton Avenue, Astoria, Bowery Bay, Steinway, College Point, North Beach, Seawanhaka Boat Club, Flushing, Sandford and Oak Points, Pelham Park.

**Borough of Richmond.**—Port Richmond, Elm Park, West Brighton, Quarantine, South Beach, Crede's Hotel, Atlantic and Miller's Hotel, Cable's Hotel, Midland Beach, Richmond Park Beach, and Tottenville.

There are 182 stations in New York, 44 sub-stations, and 468 boats in service. The corps furnishes all crews with life-saving apparatus, medicine chests, and lifeboats where necessary, free, and furnishes swimming instructors, and depends entirely upon the contributions of the humane to carry on and extend its work.

## Schools in Manhattan and Bronx Boroughs.

## ELEMENTARY SCHOOLS.

| No. | Location.                                                                        | No. | Location.                                                                                                  | No. | Location.                                                  |
|-----|----------------------------------------------------------------------------------|-----|------------------------------------------------------------------------------------------------------------|-----|------------------------------------------------------------|
| 1   | Henry, Catharine, and Oliver Sts.                                                | 69  | 125 W. 54th St.                                                                                            | 135 | 51st St. and 1st Ave.                                      |
| 2   | 116 Henry St.                                                                    | 70  | 207 E. 75th St.                                                                                            | 136 | 70 Monroe St.                                              |
| 3   | 488 Hudson St.                                                                   | 71  | 188-192 7th St.                                                                                            | 137 | Essex Market, Grand and Essex Sts.                         |
| 4   | 203 Rivington St.; Annex, 71 Pitt St.                                            | 72  | Lexington Ave., nr. 105th St.                                                                              | 138 | 11th St. & White Plains Ave., Williamsb'ge, Westchester    |
| 5   | 141st St. and Edgecombe Ave.                                                     | 73  | 209 E. 46th St.                                                                                            | 140 | 116 Norfolk St.                                            |
| 6   | Madison Ave. and 85th St.                                                        | 74  | 220 E. 63d St.                                                                                             | 141 | 468 W. 58th St.                                            |
| 7   | Hester and Chrystie Sts.                                                         | 75  | 25 Norfolk St.                                                                                             | 142 | 102d St., near 1st Ave.                                    |
| 8   | 29 King St.                                                                      | 76  | Lexington Ave. and 68th St.                                                                                | 143 | 599 E. 140th St.                                           |
| 9   | West End Ave. and 82d St.                                                        | 77  | 1st Ave. and 86th St.                                                                                      | 144 | 30 Allen St.                                               |
| 10  | 117th St. and St. Nicholas Ave.                                                  | 78  | Pleasant Ave. and 119th St.                                                                                | 145 | 165th St. and Union Ave.                                   |
| 11  | 314 W. 17th St.                                                                  | 79  | 38 1st St.                                                                                                 | 146 | Spuyten Duyvil.                                            |
| 12  | 371 Madison St.                                                                  | 80  | 225 W. 41st St.                                                                                            | 147 | Henry and Gouverneur Sts.                                  |
| 13  | 239 E. Houston St.                                                               | 81  | Moshulu Parkway, Bedford Park.                                                                             | 149 | 184 Cherry St.                                             |
| 14  | 225 E. 27th St.                                                                  | 82  | 1st Ave. and 70th St.; Annex, 446 E. 72d St.                                                               | 150 | 318 E. 96th St.                                            |
| 15  | 728 5th St.                                                                      | 83  | 216 E. 110th St.; Annex, 225 E. 110th St.                                                                  | 151 | 91st St. and 1st Ave.                                      |
| 16  | 208 W. 13th St.                                                                  | 84  | 430 W. 50th St.                                                                                            | 152 | Union Ave. & 149th St.; Annex, Burnet Pl., Springhurst     |
| 17  | 335 W. 47th St.                                                                  | 85  | 735 E. 138th St.                                                                                           | 153 | Andrews and Burnside Aves.                                 |
| 18  | 121 E. 51st St.                                                                  | 86  | Lexington Ave. and 96th St.; Annex, 96th St. & Park Ave.                                                   | 154 | St. Ann's Ave., bet. 147th and 148th Sts.                  |
| 19  | 344 E. 14th St.                                                                  | 87  | Amsterdam Ave. & W. 77th St.                                                                               | 155 | Tremont & Anthony Aves.; Annex, 1787 Weeks Ave., Mt. Hope. |
| 20  | Hivington and Forsyth Sts.                                                       | 88  | 300 Rivington St.                                                                                          | 156 | Trinity Ave. and 136th St.                                 |
| 21  | 55 Marion St.                                                                    | 89  | Lenox Ave. and 134th St.; Annex, 60-68 W. 135th St.                                                        | 157 | St. Nicholas Ave. & 127th St.                              |
| 22  | Stanton and Sheriff Sts.                                                         | 90  | Eagle Ave. and 163d St.                                                                                    | 158 | Ave. A, bet. 77th and 78th Sts.                            |
| 23  | Mulberry and Bayard Sts.                                                         | 91  | Ogden Ave., Highbridge.                                                                                    | 159 | 119th St., bet. 2d and 3d Aves.                            |
| 24  | 58 E. 125th St. & 1941 Mad' n' Av.                                               | 92  | Broome and Ridge Sts.                                                                                      | 160 | Rivington and Suffolk Sts.                                 |
| 25  | 330 5th St.                                                                      | 93  | 93d St. and Amsterdam Ave.                                                                                 | 161 | 105 Ludlow St.                                             |
| 26  | 124 W. 30th St.                                                                  | 94  | 68th St. and Amsterdam Ave.                                                                                | 162 | 36 and 38 City Hall Pl.                                    |
| 27  | 206 E. 42d St.                                                                   | 95  | 13-17 E. 125th St.                                                                                         | 163 | 509 E. 120th St.                                           |
| 28  | 257 W. 40th St.                                                                  | 96  | Ave. A and 81st St.                                                                                        | 164 | 141st St., near Brook Ave.                                 |
| 29  | Albany, Washington, and Carlisle Sts.                                            | 97  | 2d St., Westchester; Annex, 14th St. and Ave. C, Westchester.                                              | 165 | 108th and 109th Sts., bet. Amsterdam Ave. and B' way.      |
| 30  | 88th St., bet. 2d and 3d Aves.                                                   | 98  | Park Ave. and 2d St., Williamsbridge.                                                                      | 166 | 89th St., bet. Amsterdam and Columbus Aves.                |
| 31  | 200 Monroe St.                                                                   | 99  | Eastern Boulevard, near Elliott Ave., Throg's Neck, Westchester.                                           | 167 | Mott and Walton Aves., 144th and 146th Sts.                |
| 32  | 357 W. 35th St.                                                                  | 100 | Westchester Turnpike, near Clason Point Road; Annex, Van Nest.                                             | 168 | 104th and 105th Sts., bet. 1st and 2d Aves.                |
| 33  | 418 W. 28th St.                                                                  | 101 | Matilda St., bet. Kossuth and W'chester Aves., Wakefield; Annex, 5th Ave. & Kingsbridge Road, Eastchester. | 169 | Audubon Ave., bet. 168th and 169th Sts.                    |
| 34  | 108 Broome St.                                                                   | 102 | 119th St. and Madison Ave.                                                                                 | 170 | 111th St., 5th & Lenox Aves.                               |
| 35  | 160 Chrystie St.                                                                 | 103 | 413 E. 16th St.                                                                                            | 171 | 103d and 104th Sts., bet. 5th and Madison Aves.            |
| 36  | 710 E. 9th St.                                                                   | 104 | 269 E. 4th St.                                                                                             | 172 | 105th and 109th Sts., bet. 2d and 3d Aves.                 |
| 37  | 113 E. 87th St.                                                                  | 105 | 222 Mott St.                                                                                               | 173 | 185d St. and Beaumont Ave.                                 |
| 38  | 4 Clarke St.                                                                     | 106 | 274 W. 10th St.                                                                                            | 174 | Attorney and Rivington Sts.                                |
| 39  | 235 E. 125th St.; Annex, 230 E. 125th St.                                        | 107 | 64 Mott St.                                                                                                | 175 | Jerome and Walton Aves., north of 184th St.                |
| 40  | 230 E. 20th St.                                                                  | 108 | 1913 2d Ave.                                                                                               | 176 | Amethyst Ave. and Victor St. (Contract let.)               |
| 41  | 36 Greenwich St.                                                                 | 109 | 28 Cannon St.                                                                                              | 177 | Market and Monroe Sts.                                     |
| 42  | Hester, Orchard, and Ludlow Sts.                                                 | 110 | 81 Vestry St.                                                                                              | 178 | 163d St., bet. Grant and Morris Aves.                      |
| 43  | Amsterdam Ave. & 129th St.                                                       | 111 | 35 Roosevelt St.                                                                                           | 179 | 101st and 702d Sts., bet. Columbus & Amsterdam Aves.       |
| 44  | 12 North Moore St.                                                               | 112 | 7 Downing St.                                                                                              | 180 | 30 Vandewater St. (Con't let.)                             |
| 45  | 235 W. 24th St.                                                                  | 113 | 73 Oliver St.                                                                                              | 181 | 66th St., bet. Broad'y & Amsterdam Av. (Contract let.)     |
| 46  | St. Nicholas Ave. & W. 156th St.; Annex, 155th St., near Amsterdam Ave.          | 114 | 501 Courtlandt Ave.                                                                                        | 182 | Ave. C, bet. 8th and 9th Sts., Unionport.                  |
| 48  | 124 W. 28th St.                                                                  | 115 | 215 E. 32d St.                                                                                             | 183 | 66th and 67th Sts., east of 1st Ave. (Contract let.)       |
| 49  | 237 E. 37th St.                                                                  | 116 | 170 E. 77th St.                                                                                            | 184 | 116th and 117th Sts., east of Lenox Ave. (Contract let.)   |
| 50  | 211 E. 20th St.                                                                  | 117 | (Clinton Ave., Woodlawn.                                                                                   | 185 | 129th St., bet. 5th and Lenox Aves. (Contract let.)        |
| 51  | 523 W. 44th St.                                                                  | 118 | 133d and 134th Sts., near 8th Ave.                                                                         | 186 | 145th and 146th Sts. and Amsterdam Av. (Contract let.)     |
| 52  | 206th St., Inwood.                                                               | 119 | 187 Broome St.                                                                                             | 188 | Manhattan, East Houston, Lewis, and E. 3d Sts.             |
| 53  | 207 E. 79th St.                                                                  | 120 | 102d St., bet. 2d and 3d Aves.                                                                             | 192 | 138th St. and Amsterdam Ave.                               |
| 54  | Amsterdam Ave. & 104th St.                                                       | 121 | 9th St. and 1st Ave.                                                                                       |     |                                                            |
| 55  | 140 W. 20th St.                                                                  | 122 | 29 Horatio St.                                                                                             |     |                                                            |
| 56  | 351 W. 18th St.                                                                  | 123 | 80 Wooster St.                                                                                             |     |                                                            |
| 57  | 176 E. 115th St.; Annex, 116th St., near Lexington Ave.; Annex, 171 E. 114th St. | 124 | 536 E. 12th St.                                                                                            |     |                                                            |
| 58  | 317 W. 52d St.                                                                   | 125 | 515 W. 37th St.                                                                                            |     |                                                            |
| 59  | 226 E. 57th St.                                                                  | 126 | 179 E. 124th St.                                                                                           |     |                                                            |
| 60  | College Ave. and 145th St.                                                       | 127 | 433 E. 19th St.                                                                                            |     |                                                            |
| 61  | 3d Ave., near 170th St.; Annex, Fulton Ave., 169th and 170th Sts.                | 128 | 143 Baxter St.                                                                                             |     |                                                            |
| 62  | 157th St. and Courtlandt Ave.                                                    | 129 | 272 E. 2d St.                                                                                              |     |                                                            |
| 63  | Fulton Ave. and 173d St.                                                         | 130 | 182d St. and Wadsworth Ave.                                                                                |     |                                                            |
| 64  | 2436 Webster Ave.                                                                | 131 | Fox, Simpson, and 167th Sts.; Annex, 1163 E. 169th St.                                                     |     |                                                            |
| 65  | Locust Ave., West Farms; Annex, Pelham Ave., Bronxdale; formerly P. S. 139.      | 132 | 293 Pearl St.                                                                                              |     |                                                            |
| 66  | Church St. and Weber's Lane, Kingsbridge.                                        |     |                                                                                                            |     |                                                            |
| 67  | 114-124 W. 46th St.                                                              |     |                                                                                                            |     |                                                            |
| 68  | 116 W. 128th St.                                                                 |     |                                                                                                            |     |                                                            |

Training, 119th and 120th Sts., bet. 2d and 3d Aves.

Truant, 215 E. 21st St.

SCHOOLS IN MANHATTAN AND BRONX BOROUGHS—Continued.

**EVENING HIGH SCHOOLS.**

| No. | Location.                  | No. | Location.                  | No. | Location.                 |
|-----|----------------------------|-----|----------------------------|-----|---------------------------|
| 20  | Rivington and Forsyth Sts. | 93  | 33d St. and Amsterdam Ave. | 147 | E. Broadway & Scammel St. |
| 50  | 211 E. 20th St.            | 103 | 119th St. and Madison Ave. | 159 | 119th St. and 2d Ave.     |
| 67  | 120 W. 46th St.            |     |                            |     |                           |

**EVENING SCHOOLS FOR MALES.**

|    |                          |    |                               |     |                               |
|----|--------------------------|----|-------------------------------|-----|-------------------------------|
| 1  | 8 Henry St.              | 22 | Stanton St., cor. Sheriff St. | 62  | 157th St. and Courtlandt Ave. |
| 7  | Hester and Chrystie Sts. | 83 | 216 E. 110th St.              | 70  | 209 E. 75th St.               |
| 38 | 6 Clarke St.             | 79 | 42 1st St.                    | 75  | 25 Norfolk St.                |
| 39 | 235 E. 125th St.         | 25 | 330 5th St.                   | 77  | 85th St. and 1st Ave.         |
| 16 | 212 W. 13th St.          | 49 | 310 to 320 E. 20th St.        | 85  | 735 E. 138th St.              |
| 32 | 357 W. 35th St.          | 55 | 160 Chrystie St.              | 144 | 30 Allen St.                  |
| 29 | Albany and Carlisle Sts. | 68 | 52d St., near 8th Ave.        |     |                               |

**EVENING SCHOOLS FOR FEMALES.**

|    |                               |    |                           |    |                                             |
|----|-------------------------------|----|---------------------------|----|---------------------------------------------|
| 2  | 116 Henry St.                 | 19 | 14th St., near 1st Ave.   | 62 | 157th St. and Courtlandt Ave.               |
| 8  | King St., near Macdougall St. | 13 | 239 E. Houston St.        | 96 | Avenue A. and 81st St.                      |
| 71 | 190 7th St.                   | 57 | 176 E. 115th St.          | 42 | Hester St., between Orchard and Ludlow Sts. |
| 4  | 203 Rivington St.             | 59 | E. 57th St., near 3d Ave. | 92 | 154 Broome St.                              |
| 23 | Mulberry and Bayard Sts.      | 49 | 37th St., near 2d Ave.    | 54 | 104th St. & Amsterdam Ave.                  |
| 46 | 24th St., near 8th Ave.       | 17 | 335 W. 47th St.           |    |                                             |

**HIGH SCHOOLS.**

|                                                                                                                           |                                                                                                                           |                                                                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| DE WITT CLINTON (BOYS').<br>60 West 13th Street.<br>*HIGH SCHOOL OF COMMERCE.<br>66th and 66th Streets, West of Broadway. | WADLEIGH (GIRLS').<br>36 East 12th Street.<br>*WADLEIGH (NEW).<br>114th and 115th Streets, between 7th and Lenox Avenues. | PETER COOPER (MIXED).<br>157th Street and 3d Avenue.<br>*PETER COOPER (NEW).<br>166th Street, between Boston Road and Jackson Avenue. |
| <b>NORMAL COLLEGE,</b><br>PARK AVE., CORNER EAST SIXTY-EIGHTH ST.                                                         | <b>COLLEGE CITY OF NEW YORK,</b><br>TWENTY-THIRD ST. AND LEXINGTON AVE.                                                   | <b>COLUMBIA UNIV.,</b><br>WEST 116TH ST., NEAR AMSTERDAM AVE.                                                                         |

\* Under construction.

**Corporate Schools in Boroughs of Manhattan and Bronx.**

The School of the Protestant Half-Orphan Asylum.  
The School of the Society of the Reformation of Juvenile Delinquents (House of Refuge, Randall's Island).  
The School of the Leake and Watts Orphan House.  
The School of the Association of the Benefit of Colored Orphans (Colored Orphan Asylum).  
The Schools of the Female Guardian Society.  
Five Points Mission, Old Brewery, New York (Chap. 129, Laws 1900).  
The School established and maintained by the Five Points House of Industry.  
The New York Roman Catholic Orphan Asylum.  
The School established and maintained by the New York Juvenile Asylum.  
The Industrial Schools established and maintained under the charge of the Children's Aid Society.

The School established and maintained by the New York Society for the Relief of the Ruptured and Crippled.  
The School established and maintained by the Nursery and Child's Hospital, including the country branch thereof.  
The Schools of the Hebrew Orphan Asylum.  
The School of the Association for Befriending Children and Young Girls (House of the Holy Family).  
The New York Institution for the Blind.  
The School established and maintained by the New York Infant Asylum.  
The House of Reception of the New York Juvenile Society.  
New York Orphan Asylum.

**Fire Engine Companies, Manhattan and Bronx Boroughs**

(Headquarters, 157 and 159 East Sixty-seventh Street.)  
ENGINE COMPANIES.

|                       |                                |                                                        |                                                                     |
|-----------------------|--------------------------------|--------------------------------------------------------|---------------------------------------------------------------------|
| 1-165 W. 29th St.     | 24-78 Morton St.               | 46-715-717 E. 176th St., near Park Ave.                | 62-61 White Plains Ave. Williamsbridge.                             |
| 2-590 W. 43d St.      | 25-342 5th St.                 | 47-W. 113th St., near Amsterdam Ave.                   | 63-Westchester Ave. bet. Fulton St. & White Plains Ave., Wakefield. |
| 3-417 W. 17th St.     | 26-220 W. 37th St.             | 48-2504 Webster Ave.                                   | 64-12th St., Unionport.                                             |
| 4-119 Maiden Lane.    | 27-173 Franklin St.            | 49-Blackwell's Island.                                 | 65-33 W. 43d St.                                                    |
| 5-340 E. 14th St.     | 28-604 E. 11th St.             | 50-749 E. 166th St., near 3d Ave.                      | 66-Ft. Grand St., E. R. (Fire Boat).                                |
| 6-100 Cedar St.       | 29-1649 Chambers St.           | 51-Ft. W. 13th St. (Fire Boat).                        | 67-518 W. 170th St.                                                 |
| 7-22 Chambers St.     | 30-253 Spring St.              | 52-Riverdale Ave., between Dashes and Delafield Lanes. | 68-1116 Ogden Ave.                                                  |
| 8-165 E. 51st St.     | 31-Elm, cor. White St.         | 53-175 E. 104th St.                                    | 69-233d St., near Katonah Ave.                                      |
| 9-55 E. Broadway.     | 32-108 John St.                | 54-304 W. 47th St.                                     | 70-Scofield Ave., City Island.                                      |
| 10-8 Stone St.        | 33-42 Great Jones St.          | 55-383 Broome St.                                      | 71-163d St. & Park Ave.                                             |
| 11-437 E. Houston St. | 34-440 W. 33d St.              | 56-120 W. 83d St.                                      | 72-22 E. 12th St.                                                   |
| 12-261 William St.    | 35-223 E. 119th St.            | 57-Pier 1 N. R. (Fire Boat).                           | 73-152d St. and Prospect Ave.                                       |
| 13-99 Wooster St.     | 36-1849 Park Ave.              | 58-81 W. 115th St.                                     | 74-207 W. 77th St.                                                  |
| 14-14 E. 18th St.     | 37-83 Lawrence St.             | 59-180 W. 137th St.                                    | 75-Jerome Ave. and 183d St.                                         |
| 15-269 Henry St.      | 38-1807 Amsterdam Ave.         | 60-606 E. 137th St.                                    |                                                                     |
| 16-223 E. 25th St.    | 39-159 E. 67th St.             | 61-Main St., Westchester                               |                                                                     |
| 17-91 Ludlow St.      | 40-156 W. 68th St.             |                                                        |                                                                     |
| 18-132 W. 10th St.    | 41-2801 3d Ave.                |                                                        |                                                                     |
| 19-355 W. 25th St.    | 42-Fulton Ave., near 167th St. |                                                        |                                                                     |
| 20-47 Marion St.      | 43-Out of service.             |                                                        |                                                                     |
| 21-216 E. 40th St.    | 44-221 E. 75th St.             |                                                        |                                                                     |
| 22-159 E. 85th St.    | 45-1187 Tremont Ave.           |                                                        |                                                                     |
| 23-235 W. 58th St.    |                                |                                                        |                                                                     |

Schools in Brooklyn Borough.

| No. | Location.                      | No. | Location.                           | No. | Location.                                     |
|-----|--------------------------------|-----|-------------------------------------|-----|-----------------------------------------------|
| 1   | Adams, cor. Concord st.        | 51  | Meeker av., cor Humboldt st.        | 96  | Ocean ave., near Neck rd.                     |
| 2   | 46th st., near 3d ave.         | 52  | Ellery, near Broadway.              | 97  | Benson, cor. 25th ave.                        |
| 3   | Hancock, near Bedford ave.     | 53  | Starr, near Central ave.            | 98  | Ave. Z, cor. E. 26th st.                      |
| 4   | Berkeley pl., near 5th ave.    | 54  | Walworth, near Myrtle ave.          | 99  | Coney Island rd. & Elm ave.                   |
| 5   | DuLied, cor. Johnson st.       | 55  | Floyd, near Tompkins ave.           | 100 | W. 3d, between Park pl. and Sheephead ave.    |
| 6   | Warren, near Smith st.         | 56  | Bushwick ave., cor. Mad'n st        | 101 | 86th st., near 18th ave.                      |
| 7   | York, near Bridge st.          | 57  | Reid ave., cor. Van Buren st.       | 102 | 71st st. and 2d ave.                          |
| 8   | Middagh, near Henry st.        | 58  | Degrad, near Smith st.              | 103 | 14th ave., bet. 53d & 54th sts.               |
| 9   | Stirlingpl., cr. Vanderbilt av | 59  | Leonard, near Nassau ave.           | 104 | 92d st., cor. 5th ave.                        |
| 10  | 7th ave., near 17th st.        | 60  | 4th ave., cor. 30th st.             | 105 | Ft. Hamilton ave., bet. 58th and 59th sts.    |
| 11  | Washington, n'r Greene ave.    | 61  | Fulton st. and N. Jersey ave.       | 106 | Hamburg and Putnam aves.                      |
| 12  | Adelphi, near Myrtle ave.      | 62  | Bradford, near Liberty ave.         | 107 | 8th ave. and 13th st.                         |
| 13  | Degrav, near Hicks st.         | 63  | Hinsdale, n'r Glenmore ave.         | 108 | Linwood, cor. Arlington ave.                  |
| 14  | Navy, cor. Concord st.         | 64  | Berriman, n'r Belmont ave.          | 109 | Dumont ave., bet. Powell & Sackman sts.       |
| 15  | 3d ave., cor. State st.        | 65  | Richmond, n'r Ridgewood av.         | 110 | Monitor st. and Driggs ave.                   |
| 16  | Wilson, near Bedford ave.      | 66  | Osborn, near Sutter ave.            | 111 | Sterling pl., cor. Vanderbilt ave.            |
| 17  | Driggs ave., cor. N. 5th st.   | 67  | N. Elliott pl., near Park ave.      | 112 | 67th st. and 18th ave.                        |
| 18  | Manjer, near Leonard st.       | 68  | Bushwick ave., corner Kosciusko st. | 113 | Evergreen ave. & Moffat st.                   |
| 19  | S. 2d, cor. Keap st.           | 69  | Union ave., near Stagg st.          | 114 | Remsen, cor. Ave. F.                          |
| 20  | Union ave., near Met. ave.     | 70  | Patchen ave., cor. Macon st.        | 115 | Ave. M, near E. 94th st. (Branch of No. 114). |
| 21  | McKibbin, near Manhat. av.     | 71  | Heyward, near Lee ave.              | 116 | Knickerbocker ave., corner Grove st.          |
| 22  | Java, near Manhattan ave.      | 72  | New Lots rd., cor. Schenck st.      | 117 | Stagg st. and Bushwick ave.                   |
| 23  | Conselyea, n'r Humboldt st.    | 73  | McDougall, cor. Rockaway ave.       | 118 | 59th st. and 4th ave.                         |
| 24  | Arion pl., cor. Beaver st.     | 74  | Bushwick ave., corner Kosciusko st. | 119 | Flatbush ave. and Alton st.                   |
| 25  | Lafayette, near Summerave.     | 75  | Evergreen av., cor. Ralph st.       | 120 | Barren Island.                                |
| 26  | Gates, near Ralph ave.         | 76  | Wyona, near Fulton st.              | 121 | E. 55th st. and Ave. C.                       |
| 27  | Nelson, cor. Hicks st.         | 77  | 3d st., near 6th ave.               | 122 | Harrison av. & Heyward st.                    |
| 28  | Herkimer, near Ralph ave.      | 78  | Pacific st., near Court st.         | 123 | Irvine ave. and Suydam st.                    |
| 29  | Columbia, cor. Amity st.       | 79  | Kosciusko, n'r Sumner ave.          | 124 | 4th ave. and 13th st.                         |
| 30  | Wolcott, near Van Brunt st.    | 80  | New York ave. and Herkimer st.      | 125 | Blake and Thatford aves.                      |
| 31  | Dpout, n'r Manhattan ave.      | 81  | Harway, near 25th ave.              | 126 | Meserole ave. & Guernsey st.                  |
| 32  | Hoyt, cor. President st.       | 82  | 4th ave., cor. 36th st.             | 127 | 7th ave., 78th and 79th sts.                  |
| 33  | Heyward, near Broadway.        | 83  | Bergen, cor. Schenectady av.        | 128 | 21st ave., bet. 83d & 84th sts.               |
| 34  | Norman ave., n'r Eckford st.   | 84  | Glenmore, cor. Stone ave.           | 129 | Gates ave., near Stuyvesant st.               |
| 35  | Decatur, cor. Lewis ave.       | 85  | Evergreen ave., cor. Cov't st.      | 131 | Fort Hamilton ave., 43d and 44th sts.         |
| 36  | Stagg, near Bushwick ave.      | 86  | Irving ave., cor. Harman st.        | 132 | Manhattan ave., n'r Met. av.                  |
| 37  | S. 4th, near Berry st.         | 87  | Herkimer, cor. Radde pl.            | 133 | Butler st., bet. 4th & 5th aves.              |
| 38  | N. 7th, near Berry st.         | 88  | Vandervoort av., cor. Thames st.    | 134 | 18th ave. & Ocean Parkway.                    |
| 39  | 6th ave., cor. 8th st.         | 89  | Newkirk ave., cor. E. 31st st.      | 136 | 4th ave., 40th & 41st sts.                    |
| 40  | 15th st., near 4th ave.        | 90  | E. Broadway, cor. Locust st.        | 137 | Saratoga ave. & Bainbridge st.                |
| 41  | Dean, cor. New York ave.       | 91  | E. New York, n'r Albany ave.        | 140 | 60th st., west of 4th Enfield st.             |
| 42  | St. Mark's, n'r Classon ave.   | 92  | Rogers ave., n'r Robinson st.       | *   | Jamaica ave., opp. Ave. st.                   |
| 43  | Boerum, near Manhat. ave.      | 93  | A abandoned.                        |     |                                               |
| 44  | Throop, cor. Putnam ave.       | 94  | Prospect ave., opp. Reeve pl.       |     |                                               |
| 45  | Lafayette, near Classon ave.   | 95  | Van Sicken, near Neckrd st.         |     |                                               |
| 46  | Union, near Henry st.          |     |                                     |     |                                               |
| 47  | Schermerhorn, near 3d ave.     |     |                                     |     |                                               |
| 48  | N. 1st, near Bedford ave.      |     |                                     |     |                                               |
| 49  | Manjer, near Graham ave.       |     |                                     |     |                                               |
| 50  | S. 4th, near Hagemeyer st.     |     |                                     |     |                                               |

\* Truant School.

School buildings in process of erection: No. 129, Gates, near Stuyvesant ave.; No. 132, Manhattan and Metropolitan aves.; No. 138, Prospect pl., near Nostrand ave.; No. 139, Ave. C, bet. 13th and 14th sts.; No. 141, Leonsrd st., bet. McKibben and Boerum sts.

EVENING SCHOOLS.—Night sessions are held for men and boys at Schools Nos. 5, 13, 17, 24, 33, 40, 45, 88, 85, 109, 156; special classes, Nos. 100, 161, 104. For women and girls: Nos. 2, 15, 18, 26, 84; special classes, Nos. 22, 120 (for locations see above), and at High Schools: Eastern Evening School for men held in 1; S. No. 122; Brooklyn Evening High School for men, held in Boys' High School Building; Central Evening High School for Women, Schermerhorn st., near 3d ave.; Williamsburg Evening High School for Women, South 2d st. and Keap.

INDUSTRIAL AND ASYLUM SCHOOLS.

| NAME.                                                                  | Location.                              |
|------------------------------------------------------------------------|----------------------------------------|
| Orphan Asylum Society of the City of Brooklyn.....                     | 1423-1435 Atlantic avenue.             |
| R. C. Orphan Asylum Society (Boys).....                                | Albany and St. Mark's avenues.         |
| R. C. Orphan Asylum Society (Girls).....                               | Willoughby, corner Sumner avenue.      |
| Church Charity Foundation of Long Island.....                          | Albany avenue and Herkimer street.     |
| Brooklyn Howard Colored Orphan Asylum.....                             | Dean street, corner Troy avenue.       |
| Industrial School Association (Brooklyn, E. D.).....                   | 141-153 South 3d street.               |
| Brooklyn Industrial School Association and Home for Destitute Children | Sterling place, near Flatbush avenue.  |
| German Orphan Home.....                                                | Graham avenue, corner Montrose avenue. |
| Convent of Sisters of Mercy.....                                       | 273 Willoughby avenue.                 |
| Sheltering Arms Nursery.....                                           | 157 Dean street.                       |
| Hebrew Asylum.....                                                     | Ralph avenue, near Pacific street.     |

HIGH SCHOOLS.

|                      |                                |                       |                                 |
|----------------------|--------------------------------|-----------------------|---------------------------------|
| Girls'.....          | Nostrand ave., cor. Halsey st. | Erasmus Hall.....     | Flatbush ave., near Church ave. |
| Boys'.....           | Putnam, cor. Marcy ave.        | Eastern District..... | South 3d st. and Driggs ave.    |
| Manual Training..... | Court st., cor. Livingston st. | Commercial.....       | Bedford, cor. Jefferson ave.    |

Training School for Teachers, Ryerson st., near Myrtle ave.



## Express Offices in the City of New York.

Adams.—Principal office, 59 Broadway. Other offices, New Pier 14, N. R., 126 Prince St., 1550 Broadway, 47 E. 59th St., 308 W. 124th St., 358 Alexander Ave., 137 W. Broadway, 311 Canal St., 2 Great Jones St., 12 W. 23d St., 20 E. 42d St., 250 Grand St., 2613 8th Ave., 13 E. 14th St., 70 Maiden Lane, 9 Liberty St., 49 Howard St., 3 W. 22d St., 180 and 587 Columbus Ave., 1257 and 1987 3d Ave., 192d St. and Willis Ave., 4 Reade St., 200 Chambers St., 35 W. 24th St., 158 W. 127th St.; in Jersey City, 2 Exchange Pl. and Pier D, Penn. R. R. Depot.

American.—Principal office, 65 Broadway. Other offices, 142 W. Broadway, 302 Canal St., Lafayette Pl. and 4th St., 141, 922, and 1233 Broadway, 76 and 133 5th Ave., 121 E. 125th St., 275 W. 125th St., 138th St. and Park Ave., Vanderbilt Ave. and 45th St., Madison Ave. and 47th St., 10th Ave. and 30th St., 93 Bowery, 315 and 683 Columbus Ave., 131 E. 86th St., 275 W. 125th St., 3369 3d Ave., Webster Ave. and Southern Boulevard; in Brooklyn, 8, 339, 611, 855, 1183, and 1400 Fulton St., 359 Clinton St., Kent Ave. and S. 6th St., 100 Broadway, 319, 1129 Myrtle Ave., 27 Alabama Ave., 310 Washington St., 140 Greenpoint Ave., 310 Graham Ave., 296 7th Ave., 3d Ave. and 25th St., 3d Ave. and 62d St.; in Jersey City, 109 Hudson St.

Davis, Turner & Co. (Foreign).—24 Whitehall St. Dodd.—Principal office, 1354 Broadway; No. 1 Astor House, 172, 229, 371, 401, 434, 461, 945, 957, 1196, 1354 Broadway, Liberty, Chambers (N. R.), Cortlandt, Desbrosses, and W. 23d St. Ferries, Pier 25, N. R.; Citizens' Line, foot of W. 10th St.; People's Line, foot of Canal St.; Providence Line, foot of Murray St.; Stonington Line, foot of Spring St.; Fall River Line, foot of Warren St., 173 5th Ave., 521 7th Ave., 737 6th Ave., 245 Columbus Ave., 42d St. and 6th Ave., Grand Central Depot, 153 E. 125th St., 273 W. 125th St., 60 W. 133d St.; in Brooklyn Boro., 52 Nassau St., 4 Court St., 860 Fulton St., 98 Broadway; in Jersey City, 18 Exchange Pl., Downing's (Foreign).—20 Exchange Pl., 65 Beaver St., 32 Broadway.

Hub Express Co.—Principal office, 126 Franklin St.; 312 Canal St., 62 Bayard St., 101 Mercer St., 125 Crosby St., 52 and 945 Broadway.

International (Foreign).—52 B'way, 136 Franklin Long Island.—Principal offices, foot of James Slip and foot of E. 34th St. Other offices, 304 Canal St., 95 6th Ave., 1313 Broadway, 198 Chambers St., Mercer and 4th Sts., 587 Columbus Ave., in Brooklyn Borough, 338 Fulton St., Flatbush and Atlantic Aves., Franklin and Atlantic Aves., Bushwick Avenue Depot, 118 Broadway.

Manhattan Delivery Co.—Principal office, 12 W. 23d St.; orders and parcels will also be received at offices of the Adams Express, see above. Adams Express wagons will collect packages for this Company.

Morris' European and American Express.—18 and 20 Broadway.

National.—Principal office, 141 Broadway. Other

offices, 65 Broadway, 88 Liberty St., 158 Duane St., 114 and 142 W. Broadway, 22 Hudson St., 100 Maiden Lane, 12 Mott St., 105 Bleeker St., 165 Crosby St., 95 Bowery, 302 Canal St., 388 Grand St., 79 E. 13th St., 121 E. 125th St., 275 W. 125th St., 138th St. and Park Ave., 922 Broadway, 399 Madison Ave., 4th St. and Lafayette Pl., 79 E. 13th St., 76 and 133 5th Ave., foot of Franklin St., foot of W. 42d St., Vanderbilt Ave. and 44th St., Lexington Ave. and 86th St., 315 and 683 Columbus Ave., Amsterdam Ave. and 116th St., 3369 3d Ave.; in Brooklyn Borough, 8, 495, 1400 Fulton St., Kent Ave. and South 6th St., 1129 Myrtle Ave., 27 Alabama Ave., 3d Ave. and 25th St.; in Jersey City, 109 Hudson St.; in Hoboken and Weehawken, West Shore R. R. Depot.

New York and Boston Despatch.—304 and 306 Canal St., 100 Maiden Lane, 45 Church St., foot of Warren St., foot of Spring St., 63 Gold St., 123 Prince St., 17 W. 28th St., 6 White St., 165 Crosby St., 95 6th Ave., 16 W. 4th St., 79 E. 13th St., 254 Columbus Ave.

New York Transfer Company.—See Dodd.

Pitt & Scott (Foreign).—39 Broadway.

Southern.—12 W. 23d St.—See Adams.

United States.—Principal office, 49 Broadway. Other offices, 149 5th Ave., 1313 and 1547 Broadway, 296 Canal St., foot of Christopher St., foot of Liberty St., 12 Fulton St., foot of Whitehall St., 63 Gold St., 142 West St., 150 Duane St., W. Washington Market, 11 E. 14th St., 35 W. 3d St., 865 6th Ave., 123 Prince St., 143 E. 23d St.; in Brooklyn Borough, 10, 493, 1400 Fulton St., South 6th St. and Kent Ave., 1129 Myrtle Ave., 3d Ave. and 25th St., 732 Manhattan Ave., 20 Alabama Ave.; in Jersey City, 46 Montgomery St., Depot of Central R. R. of New Jersey at Ferry; in Hoboken, on Ferry St., two blocks from Ferry, also in passenger depot of Delaware, Lackawanna and Western R. R. at Ferry.

Universal (Foreign).—Pretzger & Co., 15 B'way.

Wells, Fargo & Co.—Principal office, 63 Broadway. Other offices, 957, 1333, and 1991 Broadway, 14 Park Pl., 659, 1047 6th Ave., 310 Canal St., 100 Maiden Lane, 29 Bayard St., 123 Prince St., 60 E. 8th St., 188 West St., foot of W. 23d St., 95 5th Ave., 348 W. 64th St., 654 Columbus Ave., 1217 3d Ave., 658 and 1047 6th Ave., 133 W. 125th St.; in Brooklyn Borough, 331, 328, 730, and 1161 Fulton St., 106 Broadway; in Jersey City, 299 Pavonia Ave. and at Ferry foot of Pavonia Ave., 613 Newark Ave., York and Green Sts.

Westcott.—Principal office, 39 E. 42d St. Other offices, 14 Park Place, 314 Canal St., 95 5th Ave., 52 Lafayette Pl., 1216 Broadway, foot of Christopher St., foot of Barclay St., foot of Franklin St., foot of W. 42d St., Grand Central Depot, 654 Columbus Ave., 133 W. 125th St.; in Brooklyn Borough, 338, 726 Fulton St., 296 Flatbush Ave., 20 Dean St., 1068 Bedford Ave., 106 Broadway; in Hoboken, Delaware, Lack, and Western R. R. Station; in Jersey City, all offices of Ogden's Express.

## Board of Education in City of New York.

Office, Park Avenue and 59th Street.

### MEMBERS FOR THE DIFFERENT BOROUGHS ARE AS FOLLOWS:

| BOROUGH OF MANHATTAN.                                                                                  | BOROUGH OF BROOKLYN.                                                         | BOROUGH OF THE BRONX.                                                                                     |
|--------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Until Jan. 1, 1903—Chas. C. Burlingham, F. P. Cummin, A. Leo Everett, Jacob W. Mack, Miles M. O'Brien. | Until Jan. 1, 1903—John Greene, George D. Hamlin, Albert G. McDonald.        | Until Jan. 1, 1903—F. W. Jackson. Until Jan. 1, 1905—J. J. Barry. Until Jan. 1, 1906—Theodore E. Thomson. |
| Until Jan. 1, 1904—Thomas B. Connerly, M. D. Collier, C. L. Guy, L. Haupt, A. Stern.                   | Until Jan. 1, 1904—John C. Kelley, George W. Schaedle, George W. Wingate.    | Until Jan. 1, 1907—F. D. Wilsey.                                                                          |
| Until Jan. 1, 1905—Richard H. Adams, Joseph N. Francolini, N. J. Barrett, L. A. Rodenstein.            | Until Jan. 1, 1905—Samuel B. Donnelly, Nathan S. Jonas, Adolph Kiendl.       | BOROUGH OF QUEENS.<br>Until Jan. 1, 1903—G. E. Payne. Until Jan. 1, 1905—George A. Vandenhoff.            |
| Until Jan. 1, 1906—Arnold W. Brunner, John P. Kelly, A. S. Frissell, Robt. L. Harrison.                | Until Jan. 1, 1906—Frank Harvey Field, William Harkness, Michael J. Kennedy. | Until Jan. 1, 1906—A. H. Man. Until Jan. 1, 1907—Edward V. W. Rossiter.                                   |
| Until Jan. 1, 1907—Wm. Lummis, Henry A. Rogers, Pierre Jay, Felix M. Warburg.                          | Until Jan. 1, 1907—Frank L. Babbott, James W. Weir, Jr.                      | BOROUGH OF RICHMOND.<br>Until Jan. 1, 1904—C. H. Ingalls. Until Jan. 1, 1907—S. M. Dix.                   |



## Steamboats from Manhattan Borough, N. Y. City.

TO LANDINGS ON THE HUDSON RIVER DURING SEASON OF NAVIGATION.

NOTE.—Fares and piers are liable to change.

| Ml. | Landings.                          | Fare.         | Pier—Street.   | Ml. | Landings.                             | Fare.  | Pier—Street.   |
|-----|------------------------------------|---------------|----------------|-----|---------------------------------------|--------|----------------|
| 150 | Albany, People's (night) Line      | \$1.50        | Canal.         | 59  | Newburgh (Cent'l Hud. Line)           | \$0.50 | Franklin.      |
| 150 | Albany (Day Line)                  | 2.00          | Desbrosses (a) | 59  | Newburgh (Day Line)                   | .75    | Desbrosses (a) |
| 120 | Athens                             | 1.00          | Christopher.   | 59  | Newburgh (Mary Powell)                | .75    | Desbrosses (a) |
| 95  | Barrytown                          | 1.00          | Christopher.   | 67  | N. Hamburg (Mary Powell)              | .75    | Desbrosses (a) |
| 115 | Catskill (Night Line)              | 1.00          | Christopher.   | 67  | N. Hamburg (Cent. Hud. Line)          | .60    | Franklin.      |
| 115 | Catskill (Day Line)                | 1.50          | Desbrosses (a) | 26  | Nyack                                 | .30    | W. 10th (a).   |
| 52  | Cold Spring                        | .50           | Franklin.      | 34  | Ossining                              | .25    | Franklin.      |
| 55  | Cornwall (Cent'l Hud. Line)        | .50           | Franklin.      | 45  | Peekskill                             | .45    | W. 10th (a).   |
| 55  | Cornwall (Mary Powell)             | .75           | Desbrosses (a) | 45  | Peekskill                             | .40    | Canal.         |
| 122 | Coxsackie                          | 1.00          | Christopher.   | 75  | Poughkeepsie                          | .60    | Franklin.      |
| 48  | Cranston's (Cent'l Hud. Line)      | .50           | Franklin.      | 75  | Poughkeepsie (Day Line)               | 1.00   | Desbrosses (a) |
| 48  | Cranston's (Mary Powell)           | .75           | Desbrosses (a) | 75  | Poughkeepsie (Mary Powell)            | .75    | Desbrosses (a) |
| 35  | Croton                             | .30           | Canal.         | 90  | Rhinebeck (Rhinecliff)                | 1.00   | Christopher.   |
| 84  | Esopus                             | .75           | Franklin.      | 30  | Rockland Lake                         | .40    | W. 10th (a).   |
| 59  | Fishkill by Ferry from Newburgh    | See Newburgh. |                | 92  | Rondout                               | .75    | Franklin.      |
| 59  | Fishkill (Cent'l Hud. Line)        | .50           | Franklin.      | 92  | Rondout (Mary Powell)                 | 1.00   | Desbrosses (a) |
| 50  | Garrisons                          | .90           | Desbrosses (a) | 100 | Saugerties                            | 1.00   | Christopher.   |
| 50  | Garrisons by Ferry from West Point | Point also.   |                |     | Stuyvesant, Smith's Land'g, Stockport | 1.00   | Christopher.   |
| 110 | Germantown                         | 1.00          | Christopher.   | 26  | Tarrytown                             | .30    | W. 10th (a).   |
| 39  | Grassy Point                       | .45           | W. 10th (a).   | 100 | Tivoli                                | 1.00   | Christopher.   |
| 35  | Haverstraw                         | .40           | W. 10th (a).   | 156 | Troy (Citizen's [night] Line)         | 1.50   | W. 10th.       |
| 78  | Highland                           | .60           | Franklin.      | 95  | Ulster Landing                        | 1.00   | Christopher.   |
| 120 | Hudson                             | 1.00          | Christopher.   | 41  | Verplanck                             | .45    | W. 10th (a).   |
| 120 | Hudson (Day Line)                  | 1.50          | Desbrosses (a) | 50  | West Point (Cent. Hud. Line)          | .50    | Franklin.      |
| 80  | Hyde Park                          | .75           | Christopher.   | 50  | West Point (Day Line)                 | .75    | Desbrosses (a) |
| 80  | Hyde Park (Mary Powell)            | 1.00          | Desbrosses (a) | 50  | West Point (Mary Powell)              | .75    | Desbrosses (a) |
| 90  | Kingston Point (Day Line)          | 1.25          | Desbrosses (a) | 17  | Yonkers                               | .15    | Franklin.      |
| 106 | Malden                             | 1.00          | Christopher.   | 17  | Yonkers                               | .15    | W. 10th (a).   |
| 67  | Marlboro (Cent'l Hud. Line)        | .80           | Franklin.      | 17  | Yonkers (Day Line)                    | .25    | Desbrosses (a) |
| 71  | Millton                            | .80           | Franklin.      |     |                                       |        |                |
| 71  | Milton (Mary Powell)               | .75           | Desbrosses (a) |     |                                       |        |                |

### TO LANDINGS NOT ON THE HUDSON RIVER.

| Ml. | Landings.                       | Fare.           | Pier—Street.       | Ml. | Landings.                            | Fare.         | Pier—Street.    |
|-----|---------------------------------|-----------------|--------------------|-----|--------------------------------------|---------------|-----------------|
| 20  | Atlantic Highlands, N. J.       | \$0.60          | Rector.            | 24  | Long Branch, Patten Line             | \$0.35        | Little W. 12th. |
|     | Bedloe's (Liberty) Isl. Exc.    | .25             | Battery.           | 128 | Middletown, Ct. §                    | 1.50          | Peck Slip.      |
| 230 | Boston, via Fall River          | *3.00           | Warren.            | 35  | New Brunswick, N. J.                 | .50           | N. R.           |
| 215 | Boston, via Stonington          | *3.00           | Spring.            | 75  | New Haven, Ct.                       | 1.00          | Peck Slip.      |
| 228 | Boston, via New London          | *3.00           | Spring.            | 76  | New Haven, Starin's Line             | .75           | Bay.            |
| 215 | Boston, via Providence Line     | †4.00           | Murray.            | 120 | New London, Ct.                      | †1.00         | Spring.         |
|     | Boston, Joy Steamship Co.       |                 | Catharine.         | 150 | Newport, R. I.                       | *2.00         | Murray.         |
|     | Boston, Ocean S. S. Co.         | 5.00            | Spring.            | 46  | Northport, L. I.                     | .75           | Broome.         |
| 59  | Bridgeport, Ct.                 | .50             | Peck St. †         | 120 | Orient, L. I.                        | 1.50          | 13, E. R.       |
| 5   | College Point, L. I.            | 10 E. 99th.     |                    | 24  | Perth Amboy, N. J.                   | .25           | N. R.           |
|     | Coney Island (in Summer)        | .15             | W. 22d (d).        | 34  | Pleasure Bay, N. J.                  | .35           | W. 13; Battery  |
| 22  | David's Island                  | Pass, 3, E. R.  |                    | 29  | Portchester, N. Y.                   | .35           | 33, E. R.       |
| 13  | Elizabethport, N. J.            | .15             | 19, E. R.          | 185 | Providence, R. I.                    | †3.00         | Murray.         |
| 102 | Essex, Ct. §                    | 1.50            | Peck Slip.         | 185 | Providence, R. I., Joy Steamship Co. | 1.00          | Catharine.      |
| 176 | Fall River, Mass.               | *2.00           | Warren.            | 35  | Red Bank, N. J.                      | .50           | Franklin.       |
|     | Fishing Banks                   | Exc.            | .75 E. 31st.       | 21  | Rossville, S. I.                     | .25           | 6, N. R.        |
|     | Fishing Banks                   | Exc.            | .75 E. 23d.        | 140 | Sag Harbor, L. I.                    | 1.50          | 13, E. R.       |
| 8   | Ft. Hamilton, Ft. Wadsworth     | Pass, 3, E. R.  |                    | 92  | Saybrook, Ct. §                      | 1.50          | Peck Slip.      |
|     | Fort Schuyler, Ft. Hancock      | Pass, 3, E. R.  |                    | 30  | Seabright, N. J.                     | .35           | Little W. 12th. |
| 28  | Green Cove, L. I.               | .35             | 13, E. R. †        | 29  | Sea Cliff, L. I.                     | .35           | Peck Slip. †    |
|     | Glen Island, N. Y. †            | Exc.            | .40 Cortlandt (c). | 130 | Shelter Island, L. I.                | 1.50          | 13, E. R.       |
|     | Governor's Island               | Pass Whitehall. |                    | 26  | South Amboy, N. J.                   | .30           | 6, N. R.        |
| 15  | Great Neck, L. I.               | .35             | 13, E. R. †        | 138 | Southold, L. I.                      | 1.50          | 13, E. R.       |
| 125 | Greenport, L. I.                | 1.50            | 13, E. R.          | 36  | Stamford, Ct.                        | .35           | Peck Slip. †    |
| 30  | Greenwich, Ct.                  | .35             |                    | 5   | St. George, S. I.                    | .05           | Whitehall.      |
| 150 | Hartford, Ct. §                 | 1.50            | Peck Slip.         | 125 | Stonington, Ct.                      | †1.50         | Spring.         |
| 25  | Highlands, N. J.                | .35             | Franklin.          | 6   | Tompkinsville, S. I.                 | 1.00          | Whitehall.      |
| 25  | Highland Beach, N. J.           | .35             | Little W. 12th.    | 24  | Tottenville, S. I.                   | .25           | 6, N. R.        |
| 40  | Huntington, L. I.               | .50             | 36, E. R.          | 13  | Willetts Point                       | Pas. 3, E. R. |                 |
| 27  | Keport, N. J.                   | .40             | (e)                |     |                                      |               |                 |
| 34  | L. Branch, C. R. R. N. J. Boats | 1.00            | Rector. †          |     |                                      |               |                 |

\* Winter rate; Summer rate, \$1 extra. † Runs in Summer only. ‡ Lands at E. 31st St. also. § Runs until close of navigation. ¶ Winter rate; Summer rate, 50c. extra. (a) Lands also at W. 23d St. (b) Summer rate, \$1.75. (c) Lands at E. 32d St. also, and at N. 2d St., Brooklyn. (d) Lands also at Pier 1, N. R. (e) From foot Gansevoort St., Canal St., Wallabout.

## Bridges in and About the City of New York.

### BROOKLYN BRIDGE.

THE bridge connecting Manhattan Borough and Brooklyn Borough over the East River from Park Row, Manhattan Boro., to Sands and Washington Streets, Brooklyn Boro., was begun January 3, 1870, and opened to traffic May 24, 1883. Total cost of the bridge to December 1, 1897, about \$21,000,000.

The tolls are: For foot passengers, free; railway fare, 3 cents, or 2 tickets for 5 cents; one horse, 3 cents; one horse and vehicle, 5 cents; two horses and vehicle, 10 cents; each extra horse above two attached to vehicle, 3 cents; bicycles, free. On July 1, 1898, the bridge railway was leased to the elevated railroad companies (now operated by the Brooklyn Rapid Transit), paying therefor \$250 per day; trolley cars, 5 cents per round trip. About 120,000 surface cars cross the bridge each month. The carriageways are under control of the Bridge Commissioner, and about \$60,000 per annum is derived from this source.

The following are the statistics of the structure: Width of bridge, 85 feet. Length of river span, 1,595 feet 6 inches. Length of each land span, 930 feet. Length of Brooklyn approach, 998 feet. Length of New York approach, 1,562 feet 6 inches. Total length of carriageway, 6,016 feet. Total length of the bridge, with extensions, 7,580 feet.

Size of Manhattan Borough caisson, 172 x 102 feet. Size of Brooklyn Borough caisson, 168 x 102 feet. Timber and iron in caisson, 5,253 cubic yards. Concrete in well holes, chambers, etc., 5,669 cubic feet. Weight of Manhattan Borough caisson, about 7,000 tons. Weight of concrete filling, about 8,000 tons.

Manhattan Borough tower contains 46,945 cubic yards masonry. Brooklyn Borough tower contains 88,214 cubic yards masonry. Depth of tower foundation below high water, Brooklyn Borough, 45 feet. Depth of tower foundation below high water, Manhattan Borough, 78 feet. Size of towers at high water line, 140 x 59 feet. Size of towers at roof course, 136 x 53 feet. Total height of towers above high water, 278 feet.

Clear height of bridge in centre of river span above high water at 90° F., 135 feet. Height of floor at towers above high water, 119 feet 3 inches.

Grade of roadway, 3¼ feet in 100 feet. Height of towers above roadway, 159 feet. Size of anchorage at base, 129 x 119 feet. Size of anchorage at top, 117 x 104 feet. Height of anchorages, 89 feet front, 85 feet rear. Weight of each anchor plate, 23 tons.

Number of cables, 4. Diameter of each cable, 15¼ inches. Length of each single wire in cables, 3,578 feet 6 inches. Ultimate strength of each cable, 12,000 tons. Weight of wire, 12 feet per pound. Each cable contains 5,296 parallel (not twisted) galvanized steel, oil-coated wires, closely wrapped to a solid cylinder, 15¼ inches in diameter. Permanent weight suspended from cables, 14,680 tons.

### NEW YORK AND NEW JERSEY BRIDGE.

Andrew H. Green, Chairman; F. W. Devoe, Evan Thomas, R. Somers Hayes, Isidor Straus, Commissioners; Evan Thomas, Secretary; Charles H. Swan, Assistant Secretary. Commissioners' office, 21 Park Row, Manhattan Borough. The Commissioners of the New York and New Jersey Bridge and the Sinking Fund Commissioners of the City of New York selected a location midway between 49th and 51st Streets, Manhattan Borough. And the State Commissioners have located a freight approach along the marginal wharf, or place, 5 feet west of the westerly line of West Street, with power of the Dock Department saying what docks and turnouts shall be built upon in order that cars can be loaded from ships without extra handling. The maximum length of span is 2,710 feet. Guaranteed cost of the bridge is \$20,000,000, and will be a double-deck bridge, as approved by the Secretary of War July 5, 1900, for trolley and steam traffic. The law provides that the bridge must be completed within ten years. The Union Bridge Company has made a contract with the companies to construct the bridge within six years from the time it commences work, and gave a bond of \$1,000,000 for the faithful performance of the contract. It is intended to begin work of construction when the freight approaches to the bridge have been approved by the Sinking Fund Commissioners of New York City.

### WILLIAMSBURG (NEW EAST RIVER) BRIDGE.

The tower foundations for the bridge in the borough of Manhattan are at the foot of Delancey Slip, and in the borough of Brooklyn at a point between South Fifth and South Sixth Streets. The bridge will end at Norfolk Street in the borough of Manhattan, and at Havemeyer Street in the borough of Brooklyn. The dimensions of the bridge are as follows: Main span, 1,600 ft.; entire bridge, between terminals, 7,200 ft.; width of bridge, 118 ft.; minimum height of bridge above mean high water, 135 ft.; height of centre of cables at top of towers above high water, 335 ft.; width of carriage ways, each 18 ft.; width of two foot-walks, each 10½ ft.; width of two bicycle paths, each 7 ft.; width of four trolley-car tracks, centre to centre, 93½ ft.; width of two elevated railroad tracks, centre to centre, 11 ft. New York side—North caisson, 54.8 ft. below low water mark; south caisson, 70 ft. Brooklyn side—North caisson, 91 ft. below low water mark; south caisson, 85 ft. The tower foundations are 23 ft. above high water mark and the towers that are to be placed on top of them are made of steel. The estimated cost is about \$12,000,000. The structure may be completed in about one year.

### PROPOSED BRIDGES OVER THE EAST RIVER.

Manhattan Bridge (No. 3). Work of construction of tower foundation in the borough of Brooklyn commenced August 29, 1901. Title to land vested in the city September 14, 1901.

Blackwell Island Bridge (No. 4). Plans approved by the War Department February 23, 1901. Ordinance providing for the issue of stock to the extent of \$550,000 signed by the Mayor May 21, 1901. Title to land vested in the city December 22, 1901. Work of constructing the piers commenced July 19, 1901.

### ACROSS THE HARLEM RIVER.

|                     |                              |                          |                                                                   |
|---------------------|------------------------------|--------------------------|-------------------------------------------------------------------|
| Second Avenue.....  | Suburban Transit R.R.        | West 224th Street.....   | Farmer's Bridge.                                                  |
| Third Avenue.....   | Public Bridge of steel.      | Spuynen Duyvil Creek..   | King's Bridge.                                                    |
| Park Av. & 133d St. | N. Y. C. & H. R. Railroad B. | N. Y. C. & H. R. R.      | B'way over Ship C'n'l<br>Broadway over Spuy-<br>ten Duyvil Creek. |
| Madison Avenue...   | Public Bridge to 138th St.   | Bridge.....              |                                                                   |
| Macomb's Dam....    | Public Bridge.               | Willis Ave.....          | 125th St. & First Ave. to<br>134th St. & Willis Ave.              |
| West 173d Street..  | High Bridge Aqueduct.        | 145th St. (building).... | .....                                                             |
| Eighth Avenue....   | N. Y. & Putnam R. R. Bridge. |                          |                                                                   |
| West 181st Street.  | Washington Bridge.           |                          |                                                                   |

High Bridge, over which the Croton water of the old aqueduct passes, is 1,460 feet long, supported by 13 arches on granite piers, the highest arch being 116 feet above water level. Washington Bridge, at 10th Avenue and West 181st Street, is 2,400 feet long and 80 feet wide. The central arches are 510 feet each, and 135 feet above high water.

Argentine Republic.—Ramon A. de Toledo, C.G.; Felix L. de Castro, V. C.; P. R. Flegel, Chancellor; Produce Exchange, Room 124.

Austria-Hungary.—Thomas von Dessewffy, C.G.; Konrad von Wiser, V. C., 33 Broadway.

Belgium.—Pierre Mall, C., 35 Worth St.

Bolivia.—Gerardo Zalles, C. G., 17 State St.

Brazil.—Antonio Fontoura Xavier, C. G.; Garcia Leao, V. C. and Chancellor, 17 State St.

Chile.—Fred'k A. Beelen, C. G., 135 W. 11th St.

China.—Tseng Choa Kwong, A. C.; Lock Wing, V. C., 18 Broadway.

Colombia.—Dan' I Merizalde, C. G., 17 State St.

Costa Rica.—Dr. Juan J. Ulloa, C. G., 66 Beaver St.

Denmark.—J. E. Leerbech, C., 130 Pearl St.

Dominican Rep.—F. L. Vasquer, C. G., 31 B'way.

Ecuador.—F. Mora-Silva, C. G.; R. Zevallos, V. C., 11 Broadway.

Egypt.—See "Turkey."

France.—M. Soufflot de Magny, C. G.; G. Velten, C.; A. Jouve, V. C., 35 S. William St.

German Emp.—K. G. Buentz, C. G.; A. Geisler, C., 11 Broadway.

Great Britain.—Percy Sanderson, C. G.; C. Clive-Bayley, C., 17 State St.; C. A. S. Percival, V. C.; Office for shipping seamen, 2 State St.

Greece.—D. N. Botassi, C. G., 35 S. William St.

Guatemala.—Dr. Joaquin Yela, C. G.; Julio J. Yela, acting C. G., 4 Stone St.

Haiti.—Luis J. Nicolas, C. G.; E. D. Basset, V. C., 35 S. William St.

Honduras.—N. Bolet Peraza, C. G., 81 New St.

Hungary.—See "Austria."

Italy.—G. Branchi, C. G.; G. Tosti, V. C., 35 B'way.

Japan.—Sadazuchi Uchida, C. G.; Tokichi Tanaka, V. C.; Tsunenori Takasa and Tatsuichiro Funatsu, Chancellors, 99 Nassau St.

Liberia.—Frederick W. Yates, C., 32 Nassau St.; C. T. Geyer, V. C., 19 William St.

Mexico.—Juan N. Navarro, C. G.; A. Leon Grajeda V. C., 35 Broadway.

Monaco.—Auguste Jouve, C., 35 S. William St.

Netherlands.—J. R. Planten, C. G., 116 Broad St.; Henry Cuygers, C., 116 Broad St.

Nicaragua.—A. D. Struss, C. G.; S. Arguello, Chancellor, 18 Broadway.

Norway.—C. Ravn, C.; Th. Hansen, V. C., 17 State.

Paraguay.—Felix Aucaigne, C. G., 210 W. 82d St.; W. E. Richards, C., 305 Broadway.

Persia.—Dikran K. Kelekian, V. C., 303 5th Ave.

Peru.—O. Tirado, C. G., 19 Whitehall St.

Portugal.—Luiz A. de M. P. A. Taveira, C. G.; A. A. Ferreira, V. C., 17 State St., Room 113.

Russia.—Chr. G. Petersen, V. C.; N. de Lodyginsky, C. G.; Ernst de Schilling, V. C., 17 State.

Salvador.—Ernest Schernikow, C., 18 B'way.

Siam.—I. T. Smith, C. G.; L. T. Hildreth, C., 1 E. 39th St.

Spain.—José de Perinat, C. G.; Mariano Fabregas Sotelo, V. C., 18 Broadway.

Sweden.—C. Ravn, C.; Th. Hansen, V. C., 17 State.

Switzerland.—J. Bertschmann, C., 18 Exchange Pl.

Trinidad.—J. de la Boissiere, C. G., 125 W. 37th St.

Turkey.—Aziz Bey, C. G., 17 State St.

Uruguay.—T. A. Eddy, C.; W. B. Flint, V. C.; A. de Buys, Chancellor, 25 Broad St.

Venezuela.—Elias G. Esteves, C. G., 17 State St.

## Cemeteries in and About the City of New York.

| NAME.                | Location.                                                                           | Office.                     | Railroad or Ferry.                                                           |
|----------------------|-------------------------------------------------------------------------------------|-----------------------------|------------------------------------------------------------------------------|
| Acacia and Bay Side  | Woodhaven, Queens Borough, N. Y.                                                    | 38 Henry St., N. Y.         | Brooklyn El. from Ferries and Bridge.                                        |
| Arlington            | Arlington, N. J., 4 1-2 miles from J. C.                                            | 239 Washington St., J. C.   | Greenwood Lake Div. Erie R. R.                                               |
| Bay View             | Greenville, N. J., 2 1-2 miles from J. C.                                           | 299 Washington St., J. C.   | Cent. R.R. of N. J., or trolley from J. C.                                   |
| Bergen               | Bergen, N. J., 1 1-2 miles from J. C.                                               | 21 Hoboken Ave., J. C.      | Cortlandt, Desbrosses, W. 23d St. Ferries.                                   |
| Calvary              | Newtown, L. I.                                                                      | 266 Mulberry St., N. Y.     | Long Island City or Williamsburg Ferries.                                    |
| Cedar Grove          | Near Corona, L. I., 5 1-2 miles from N. Y.                                          | 123 E. 23d St., N. Y.       | Long Island R.R., or Bkn. Rapid Transit.                                     |
| Constable Hook       | Bergen Point, N. J., 7 miles from J. C.                                             | At Cemetery                 | Cent. R.R. of N. J., or trolley from J. C.                                   |
| Cypress Hills        | Myrtle Ave. and Jamaica Plank Road, Brooklyn Borough.                               | 1 Madison Ave., N. Y.       | Grand, Roosevelt, and Fulton Ferries, and also by cars from Brooklyn Bridge. |
| Evergreens           | Bushwick Ave. and Conway St., Brooklyn.                                             | At Cemetery                 | Trolley from Bklyn Ferries, or El. R.R.'s.                                   |
| Fair View            | Staten Island, near Castleton Corners.                                              | W. New Brighton, N. Y.      | Fulton, from St. George, Staten Island.                                      |
| Friends'             | Prospect Park, Brooklyn Borough.                                                    | At Cemetery                 | Fulton, Catharine, and Hamilton Ferries.                                     |
| Greenwood            | Brooklyn Borof., N. Y. Main entrances at 5th Ave. & 25th St., 9th St., cor. 9th Av. | 71 Broadway, N. Y.          | Cars from Bridge Depot, Fulton Wall, South, Catharine, and Hamilton Ferries. |
| Hoboken              | New Durham, N. J., 40th St. from Hoboken fer.                                       | 213 Washington St., Hob.    | Nor. R.R. of N. J.; N. Y. S. & W. S. R. R.                                   |
| Holy Cross (R. C.)   | Flatbush, L. I., Brooklyn Borough.                                                  | Jay & Chapel Sts., B'k'n    | Fulton, Grand, and Roosevelt Ferries.                                        |
| Holy Name (R. C.)    | Westside Ave., Jersey City Heights                                                  | Montgomery St., J. C.       | Cortlandt, Desbrosses, W. 23d St. Ferries.                                   |
| Holy Trinity (R. C.) | Central Ave., East New York                                                         | At Cemetery                 | Trolley from Brooklyn Ferries.                                               |
| Jersey City          | Newark Ave., Jersey City, N. J.                                                     | At Cemetery                 | Cortlandt, Desbrosses, W. 23d St. Ferries.                                   |
| Kensico              | Harlem R. R., 25 miles from N. Y.                                                   | 15 E. 43d St., N. Y.        | Harlem R. R.                                                                 |
| Linden Hill (M. E.)  | East Williamsburg, L. I.                                                            | 456 E. Houston St., N. Y.   | Williamsburg Ferries.                                                        |
| Lutheran             | Jamaica Turnpike, near Middle Village.                                              | 237 Broadway, N. Y.         | Trolley from W'msburg and Fulton Fer.                                        |
| Machpelah            | New Durham, Hudson County, N. J.                                                    | 108 W. 25th St., N. Y.      | Nor. R.R. of N. J.; N. Y. S. & W. S. R. R.                                   |
| Machpelah (Heb.)     | Adjoining Cypress Hills Cemetery                                                    | At Cemetery                 | Same route as for "Cypress Hills," above.                                    |
| Maple Grove          | Hoffman Boul., 6 miles from L. I. City                                              | 1286 Broadway, N. Y.        | East 34th St. and James Slip Ferries.                                        |
| Marble               | 2d St., bet. 1st and 2d Aves., N. Y.                                                | 63 Second St., N. Y.        | Trolley.                                                                     |
| Mount Hope           | New Dorp, Staten Island                                                             | Located about six miles     | Putnam Div. from George Landing, Staten Island.                              |
| Mount Hope           | Mount Hope, Westchester County                                                      | 380 Sixth Ave., N. Y.       | Fulton Div., N. Y. Central R. R.                                             |
| Mount Neboh          | Jamaica Ave., Brooklyn Borough.                                                     | 731 Lexington Ave., N. Y.   | Trolley from B'way Ferry, Bklyn Borough.                                     |
| Mount Olivet         | Adjoining Cypress Hills Cemetery                                                    | 92 Bible House, N. Y.       | Same route as for "Cypress Hills," above.                                    |
| Monnt Zion           | Maspeth, L. I.                                                                      | At Cemetery                 | Trolley from foot of Broadway, Brooklyn Borough, or E. 34th St. Ferry Depot. |
| New York Bay         | Maspeth, L. I.                                                                      | 41 Park Row, N. Y.          | Trolley from E. 34th St. Ferry Depot.                                        |
| Nyack                | Ocean Ave., Greenville, N. J.                                                       | At Cemetery                 | Cent. R.R. of N. J.; trolley from J. C.                                      |
| Oakland              | Nyack, N. Y.                                                                        | 8 B'way, Nyack, N. Y.       | Nor. R. R. of N. J., or West Shore R. R.                                     |
| Pelham               | Yonkers, N. Y.                                                                      | 51 Warburton, Yonkers.      | Trolley from Yonkers.                                                        |
| Potter's Field       | Main St., City Island, N. Y.                                                        | Main St., City Island       | Horse-car from Bartow, on N. Hav. R.R.                                       |
| Potter's Field       | Flatbush, L. I., Brooklyn Borough.                                                  | Almshouse, Flatbush.        | Cars from W'msburg and Fulton Ferries.                                       |
| Rockland             | Hart's Island, N. Y.                                                                | 148 E. 20th St., N. Y.      | Boat foot of E. 26th St.                                                     |
| Rosedale and Linden  | Sparkhill, Rockland Co., N. Y.                                                      | 124 W. 22d St., N. Y.       | Northern R.R. of N. J. & West Sh. R.R.                                       |
| St. John (R. C.)     | Linden, N. J., 14 miles from N. Y.                                                  | 10 W. 23d St., N. Y.        | Cortlandt, Desbrosses, W. 23d St. ferries.                                   |
| St. John's           | Jamaica Turnpike                                                                    | Jay & Chapel Sts., B'k'n    | Trolley from W'msb'g & Fulton Ferries.                                       |
| St. John's           | Yonkers, N. Y.                                                                      | At Cemetery                 | N. Y. Central or Putnam Div.                                                 |
| St. Michael's        | Flushing Ave., Newtown, L. I.                                                       | 225 W. 99th St., N. Y.      | East 34th and 92d St. Ferries.                                               |
| St. Peter's (R. C.)  | Tonnesse Ave., Jersey City Heights                                                  | Montgomery St., J. C.       | Cortlandt, Desbrosses, W. 23d St. Ferries.                                   |
| Sleepy Hollow        | Tarrytown, N. Y.                                                                    | 130 Main St., Tarrytown     | N. Y. Central or Putnam Div.                                                 |
| Staten Island        | Richmond Terrace, near W. N. Brighton                                               | Sec. 20 E. 124th St., N. Y. | Whitehall St. Ferry.                                                         |
| Trinity Church       | Amsterdam Ave. and W. 153d St.                                                      | 181 Fulton St., N. Y.       | Sixth or Ninth Ave. Elevated R.R.                                            |
| Washington           | Near Parkville, L. I.                                                               | At Cemetery                 | Trolley from Bridge and Ferries.                                             |
| Weehawken & Palisade | Hoboken, N. J., 2 miles from ferries.                                               | At Cemetery                 | Hoboken and Weehawken Ferries.                                               |
| Woodlawn             | On Jerome Ave., in 24th Ward.                                                       | 20 E. 23d St., N. Y.        | Harlem Div., N. Y. Central R. R.                                             |

## Hotels in Manhattan Borough.

- \*Ajehmarle, Broadway and 24th Street.  
 \*Albert, University Place and 11th Street.  
 \*American, 15th Street and Irving Place.  
 \*Ashland, 4th Avenue and 24th Street.  
 \*Ashton, Madison Avenue and 93d Street.  
 \*Astor House, Broadway, opposite Post-Office.  
 †Baltimore, Lenox Avenue and 113th Street.  
 \*Bancroft House, Broadway and 21st Street.  
 \*Bartholdi, Broadway and 23d Street.  
 \*Belvedere, 4th Avenue and 18th Street.  
 \*Beresford, 1 West 81st Street.  
 \*Brevoort House, 5th Avenue and 8th Street.  
 †Bristol, 5th Avenue and 42d Street.  
 †Broadway Central, 671 Broadway.  
 †Brunswick, 89th Street and Madison Avenue.  
 \*Buckingham, 5th Avenue and 50th Street.  
 \*Cadillac, Broadway and 43d Street.  
 †Cecil, 118th Street and St. Nicholas Avenue.  
 †Chastaigneray, Madison Avenue and 92d Street.  
 \*Chelsea Square, 503 West 21st Street.  
 \*Colonial, 125th Street and 8th Avenue.  
 \*Continental, Broadway and 20th Street.  
 \*Cosmopolitan, Chambers St. and W. Broadway.  
 \*Empire, Broadway and 63d Street.  
 †Everett House, 4th Avenue and 81st Street.  
 \*Everett House, 4th Avenue and 17th Street.  
 †Fifth Avenue, 5th Avenue and 23d Street.  
 †Gilsey House, Broadway and 29th Street.  
 \*Grand, Broadway and 31st Street.  
 \*Grand Union, 4th Avenue and 42d Street.  
 \*Grenoble, 7th Avenue and 56th Street.  
 \*Herald Square, 34th Street, near Broadway.  
 \*Hoffman House, 1111 Broadway.  
 \*Holland House, 5th Avenue and 30th Street.  
 \*Imperial, Broadway and 32d Street.  
 \*Kensington, 6th Avenue and 15th Street.  
 †Majestic, 4 West 72d Street.  
 †Manhattan, 42d Street and Madison Avenue.  
 \*Marie Antoinette, Broadway and 66th Street.  
 †Marlborough, 1355 Broadway.  
 \*Metropole, Broadway, 41st and 42d Streets.  
 \*Metropolitan, Broadway and 27th Street.  
 \*Mills (No. 1), Bleecker and Thompson Streets.  
 \*Mills (No. 2), Irvington and Chrystie Streets.  
 †Morton House, Broadway and 14th Street.  
 †Murray Hill, Park Avenue and 40th Street.  
 †Netherland, corner 5th Avenue and 59th Street.  
 \*New Amsterdam, 4th Avenue and 21st Street.  
 \*New York, 30 East 42d Street.  
 \*Normandie, Broadway and 35th Street.  
 †Park Avenue, Park Avenue and 32d Street.  
 †Plaza, 5th Avenue and 59th Street.  
 \*Roland, Madison Avenue and 59th Street.  
 \*Rossmore, Broadway and 42d Street.  
 \*St. Denis, Broadway and 11th Street.  
 †St. George, Broadway and 12th Street.  
 †St. Lorenz, 72d Street and Lexington Avenue.  
 †San Remo, 8th Avenue and 75th Street.  
 †Savoy, 5th Avenue and 59th Street.  
 †Sherman Square, Broadway and West 71st St.  
 \*Sinclair House, 754 Broadway.  
 \*Smith & McNeill's, 197 Washington Street.  
 \*Stevens House, 21 Broadway.  
 †Sturtevant, 1186 Broadway.  
 \*Union Square, 15th Street and Union Square.  
 \*United States, Fulton and Water Streets.  
 †Vendome, Broadway and 41st Street.  
 \*Victoria, 5th Avenue and 27th Street.  
 \*Waldorf-Astoria, 5th Avenue, 33d to 34th Street.  
 †Westminster, Irving Place and 16th Street.  
 \*European Plan, †American Plan. †American and European Plans.

## Police Station-Houses in Brooklyn Borough.

(Headquarters, 16 Smith Street, Brooklyn.)

| PRECINCT AND LOCATION.              | PRECINCT AND LOCATION.               | PRECINCT AND LOCATION.                       |
|-------------------------------------|--------------------------------------|----------------------------------------------|
| 43d. 4th Ave. and 43d St.           | 55th. Gates and Throop Aves.         | 64th. Hamburg & De Kalb Aves.                |
| 44th. 5th Ave. and 16th St.         | 56th. De Kalb and Classon Aves.      | 65th. Liberty and E. N. Y. Aves.             |
| 45th. Richards and Rapelye Sts.     | 57th. Flushing and Clermont Aves.    | 66th. 9th St. and Ave. G.                    |
| 46th. 6th Ave. and Bergen Sts.      | 58th. Tompkins and Vernon Aves.      | 67th. Grant St., near Flatbush Ave.          |
| 47th. 17 Butler St.                 | 59th. Lee Ave. and Clymer St.        | 68th. Ocean and Voornees Aves.               |
| 48th. Emmett and Amity Sts.         | 60th. Bedford Ave. and N. 1st St.    | 69th. W. 8th St., Coney Island.              |
| 49th. 318 Adams St.                 | 61st. Manhattan and Greenpoint Aves. | 70th. 19th Ave., near Bath.                  |
| 50th. 49 Fulton St.                 | 62d. Humboldt & Herbert Sts.         | 71st. 86th St. and 7th Ave.                  |
| 51st. Grand Ave. and Park Pl.       | 63d. Stagg St. and Bushwick Ave.     | 72d. Coney Id. and Foster Aves.              |
| 52d. Atlantic and Schenectady Aves. |                                      | 73d. Prospect Park.                          |
| 53d. Miller and Liberty Aves.       |                                      | Branch Bureau, Detective Squad, 16 Smith St. |
| 54th. Ralph Ave. and Quincy St.     |                                      |                                              |

## Libraries in Brooklyn Borough.

- Booklovers, 198 Joralemon St.  
 Brooklyn, 197 Montague St.—Open daily from 8 A. M. to 10 P. M.  
 Brooklyn Institute of Arts and Sciences—Children's Museum Library, 185 Brooklyn Ave. Open 9 A. M. to 6 P. M.  
 Brooklyn Public Library, headquarters, 26 Brevoort Place; branches at 474 Bedford Ave., 29 Pennsylvania Ave., 1147 4th Ave., 185 Brooklyn Ave., 322 Smith St., 822 Flatbush Ave., 372 9th St., 198 Montrose Ave., 2d Ave. and 73d St., 186 Bridge St., 4th Ave. & 95th St., Bath Ave. & Bay 17th St., 1031 Putnam Ave., 67 Schermerhorn St., Tompkins Park, Franklin and Java Sts.—Open 9 A. M. to 9 P. M.  
 Kings County Medical Society Free Library, 1313 Bedford Ave.  
 Law Library, Room 29 Court-House.  
 Long Island Historical Society, Pierrepont and Clinton Sts.—Open 8, 30 A. M. to 9, 30 P. M.  
 New Church Free Library, 98 S. Elliott Pl.  
 Pratt Institute, Free, 215 Ryerson St.—Open daily from 9 A. M. to 9, 30 P. M.  
 Young Men's Christian Association, 502 Fulton St.—Open 8 A. M. to 10 P. M.  
 Young Women's Christian Association, Schermerhorn St. and Flatbush Ave.—Open daily from 9 A. M. to 9, 30 P. M.

## Places of Amusement in Brooklyn Borough.

- Academy of Music, Montague Street, near Court.  
 Amphion Theatre, 439 Bedford Avenue.  
 Bijou Theatre, Smith and Livingston Streets.  
 Blaney's Theatre, Driggs Ave. and S. 4th St.  
 Brooklyn Art Association, 174 Montague Street.  
 Brooklyn Institute of Arts and Sciences, Bond, near Fulton Street.  
 Columbia Theatre, Washington and Tillary Sts.  
 Criterion Theatre, Fulton St., near Grand Ave.  
 Empire, Broadway and Bedford Avenue.  
 Folly, Broadway and Graham Avenue.  
 Gaiety Theatre, Broadway and Throop Avenue.  
 Grand Opera House, Elm Place, near Fulton St.  
 Gotham Theatre, Broadway, Alabama Ave. and Fulton St.  
 Historical Hall, cor. Pierrepont and Clinton Sts.  
 Hyde & Belman's Theatre, Adams Street, near Myrtle Avenue.  
 Memorial Hall, Schermerhorn Street, near Flatbush Avenue.  
 Montauk Theatre, 587 Fulton Street.  
 Orpheum Theatre, Fulton St., cor. Rockwell Pl.  
 Park Theatre, 383 Fulton Street.  
 Payton's Theatre, 27-31 Lee Avenue.  
 Star Theatre, Jay Street, near Fulton Street.  
 Young Men's Christian Association, 502 Fulton St.

## Height of Prominent Buildings in Manhattan Borough.

| NAME AND LOCATION.                                           | No. of Stories. | Height.                                    | Dimensions of Buildings.                                       | NAME AND LOCATION.                                              | No. of Stories. | Height.                                      | Dimensions of Buildings.                                    |
|--------------------------------------------------------------|-----------------|--------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------------|-----------------|----------------------------------------------|-------------------------------------------------------------|
| American Exchange Bank, Broadway and Cedar St.               | 16              | 232 ft.                                    | 39 ft. 9 1/2 in. x 49 ft. 5 in. x 100 ft. 5 1/2 in.            | Hotel Netherland, cor. 59th St. and Fifth Ave.                  | 17              | To roof top, 220 ft.                         | Mansard roof and bldg., 100x125 ft., 53 ft. 9 in. x 203 ft. |
| American Surety Co., Broadway, cor. Pine St.                 | 23              | 306 ft. 1 in.                              | 84 ft. 8 in. x 85 ft. 6 in.                                    | Hudson Realty Co., 32-34 Broadway.                              | 16              | 205 ft. 6 in.                                | 40 ft. 1 in. x 33 ft. 2 1/2 in. x 153 ft.                   |
| American Tract Society, Nassau, cor. Spruce St.              | 23              | 306 ft.                                    | 100 ft. 7 in. x 94 ft. 6 in.                                   | International Bank Building, Broadway and Cedar St., N. W. cor. | 14              | 188 ft.                                      | 88 ft. 1/2 in. x 123 ft. 8 1/2 in.                          |
| Ansonia Hotel, Broadway, 73d and 74th Sts.                   | 16              | 180 ft.                                    | 123 ft. 8 1/2 in. x 239 x 174.                                 | Johnston Building, 30-36 Broad St.                              | 15              | 205 ft.                                      | 25 ft. 9 in. x 50 ft. 2 in.                                 |
| Astoria Hotel, 344-350 Fifth Ave.                            | 16              | 213 ft.                                    | 335 ft. x 98 ft. 9 in.                                         | Malden Lane (No. 1).....                                        | 13              | 160 ft.                                      | 57x125 ft.                                                  |
| Atlantic Mutual Insurance, Wall and William Sts., S. W. cor. | 18              | 242 ft.                                    | 58 ft. x 89 ft. 6 in. x 143 ft. 5 in.                          | Malden Lane (No. 1).....                                        | 13              | 160 ft.                                      | 75 1/2 x 142 x 112 ft.                                      |
| Bank of Commerce, cor. Nassau and Cedar Sts.                 | 20              | 270 ft.                                    | 106 ft. 2 in. x 109 ft. 6 in.                                  | Morton, 110-116 Nassau St.                                      | 12              | 154 ft.                                      | 100x125 ft.                                                 |
| Battery Park, State and Pearl Sts.                           | 11              | 145 1-2 ft.                                | 108 ft. 2 1/2 in. x 127 ft. 10 1/4 ft. 9 in. x 93ft. 9 1/2 in. | Mutual Life Insurance Co., Liberty St.                          | 15              | To roof top, 210 ft. to roof garden, 230 ft. | 75x125 ft.                                                  |
| Bishop Building, William and Liberty Sts., S.E. cor.         | 12              | 162 ft.                                    | 60 ft. 6 in. x 97 ft. x 121 ft. 7 1/2 in.                      | Mutual Reserve Life Ins. Co., cor. B'way and Duane St.          | 14              | To roof top, 184 ft.                         | 60x196 ft.                                                  |
| Bowling Green Building, 5-11 Broadway.                       | 19              | 272 ft. 6 in.                              | 162 ft. x 201 ft.                                              | N. Y. Life Insurance Co., 346-348 Broadway.                     | 12              | 188 ft. front; to tower, 270 ft.             | 56 ft. 6 in. x 78 ft. 5 in.                                 |
| Broad Exchange Building, Broad St. and Exchange Pl.          | 20              | 276 ft. 6 1/2 in.                          | 106 ft. 8 in. x 102 ft. 4 in. x 236ft.                         | New York Realty Co., 9-13 Maiden Lane.                          | 15              | 203 ft. 6 in.                                | 104 ft. 2 in. x 153 ft. 11 in.                              |
| Broadway (No. 84).....                                       | 12              | 134 ft.                                    | 44 ft. 6 in. x 58 ft. 9 in.                                    | Park Row, 13-21 Park Row.                                       | 29              | To roof top, 309 ft. to tower, 382 ft.       | 70 x 100 x 155 ft.                                          |
| Broadway Chambers, N. W. cor. Broadway and Chambers St.      | 18              | 225 ft.                                    | 50 ft. 11 in. x 95 ft.                                         | Postal Telegraph Co., cor. Broadway and Murray St.              | 13              | To roof top, 179 ft. to pent house, 193 ft.  | 115 ft. 4 in. x 186 ft. 8 in.                               |
| Chesebrough, Pearl and State Sts.                            | 11              | 161 ft.                                    | 142 x 96 x 45 ft.                                              | Pulitzer Building, Park Row                                     | 22              | Extreme height, 375 1/2 ft.                  | 41 ft. 1 1/2 in. x 258 ft. 11 1/4 in.                       |
| Commercial Cable, 20-22 Broad St.                            | 21              | 255 ft., exclusive of dome.                | 45 ft. 1 1/2 in. x 153 ft. 11 in.                              | Queens Insurance Co., cor. William and Cedar Sts.               | 15              | 195 ft.                                      | 93 ft. 10 in. x 225 ft.                                     |
| Corn Exchange Bank, cor. William and Beaver Sts.             | 11              | 158 ft.                                    | 86 ft. 8 in. x 110 ft. 7 in.                                   | Sherry's (Brokaw), Fifth Ave. and 44th St.                      | 11              | 161 ft. 3 in.                                | 74 ft. 10 1/2 in. x 93 ft. 3 in.                            |
| Dowling Building, 106 and 108 Fulton St.                     | 15              | To roof top, 179 ft. pent house, 190 ft.   | 50 ft. x 74 ft. x 103 ft.                                      | Singer Mfg. Co., 85-89 Liberty St.                              | 14              | 197 ft.                                      | 94 ft. 8 1/2 in. x 145 ft. 11 1/2 in.                       |
| Don (R. G. Dun), 290-294 Broadway.                           | 15              | 223 ft.                                    | 688 ft. 1 1/2 in. x 130 ft. 7 1/2 in.                          | St. James, Broadway, cor. 26th St.                              | 16              | 204 ft.                                      | 39-4x27x104. 2x54.3x83.                                     |
| Empire, Broadway and Rector St.                              | 20              | 293 ft.                                    | 78 ft. x 223 ft. 10 in.                                        | Standard Oil Building, 24-30 Broadway.                          | 15              | 263 ft.                                      | 114 ft. 1 in. x 207 ft. 11 in.                              |
| Exchange Court (W. W. Astor), Broadway and Exchange Place.   | 12              | 160 ft.                                    | 129 ft. 9 1/4 in. x 159 ft. 4 1/2 in.                          | Townsend, cor. Broadway and 25th St.                            | 12              | 165 ft.                                      | 89 ft. 7 1/2 in. x 132 ft. 6 1/2 in.                        |
| Fifth Ave. and 45th St. ....                                 | 13              | 164 ft.                                    | 75 ft. x 150 ft.                                               | Vincent Building, Broadway and Duane St.                        | 14              | 205 ft.                                      | 50 ft. 11 in. x 110 ft. 7 1/2 in.                           |
| Flatiron (Fuller), B'way & 23d St.                           | 20              | 256 ft.                                    | .....                                                          | Waldorf-Astoria Hotel, 13-19 W. 34 St.                          | 16              | 214 ft.                                      | 85 ft. x 98 ft. 9 in.                                       |
| Gillender, cor. Wall and Nassau Sts.                         | 16              | To roof top, 219 ft. to tower, 273 ft.     | 96 ft. x 73 ft. 5 1/2 in.                                      | Washington Life Ins. Co., Broadway and Liberty St.              | 19              | 273 ft.                                      | 53 ft. 9 in. x 159 ft. 3 in.                                |
| Home Life Insurance Co., 256 Broadway.                       | 16              | To roof top, 219 ft. to spire top, 280 ft. | 55 ft. 6 in. x 109 ft.                                         |                                                                 |                 |                                              |                                                             |

## Railroad Passenger Stations in Manhattan Borough.

|                                                                                                                                     |                                                                                                                                                                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Baltimore & Ohio, foot of Whitehall and Liberty Streets.                                                                            | New York Central & Hudson River, 42d St. and 4th Ave.; Harlem, 125th St.; Mott Haven, 138th St.; 10th Ave. and 30th St.; Manhattan, 125th St., 152d St.; Harlem Division, 4th Ave. and 42d, 86th, 110th, 125th, 138th, and 183d Streets. |
| Central of New Jersey, foot of Whitehall and Liberty Streets; New Jersey Southern Division (in Summer), foot of Rector Street also. | New York, New Haven & Hartford, 4th Avenue and 42d Street.                                                                                                                                                                               |
| Delaware, Lackawanna & Western, foot of Barclay and Christopher Streets.                                                            | New York, Ontario & Western, foot of Franklin and West 42d Streets.                                                                                                                                                                      |
| Erie, foot of Chambers and West 23d Streets.                                                                                        | New York, Susquehanna & Western, foot of Cortlandt, Desbrosses, and West 23d Streets.                                                                                                                                                    |
| Lehigh Valley, foot of Cortlandt, Desbrosses, and West 23d Streets.                                                                 | Also foot of Fulton Street, Brooklyn, via Annex.                                                                                                                                                                                         |
| Long Island, foot of James Slip and East 34th St.                                                                                   | Northern of New Jersey, foot of Chambers and West 23d Streets.                                                                                                                                                                           |
| Atlantic Avenue Branch, junction of Flatbush and Atlantic Avenues, Brooklyn.                                                        | Pennsylvania, foot of Cortlandt, Desbrosses, and West 23d Streets. Also foot of Fulton Street, Brooklyn, via Annex.                                                                                                                      |
| Manhattan Beach Division, foot of James Slip and East 34th Street.                                                                  | Philadelphia & Reading, foot of Whitehall and Liberty Streets.                                                                                                                                                                           |
| New Jersey & New York, foot of Chambers and West 23d Streets.                                                                       | Staten Island, foot of Whitehall Street.                                                                                                                                                                                                 |
| New York & Long Branch, foot Liberty, Whitehall, Cortlandt, Desbrosses, and West 23d Streets - In Summer, foot Rector Street also.  | West Shore, foot of Franklin and West 42d Streets.                                                                                                                                                                                       |
| New York & Rockaway, foot of James Slip and East 34th St. Also Flatbush Ave., Brooklyn.                                             |                                                                                                                                                                                                                                          |



## Bar Association of New York.

(Bar Association Building, No. 42 West Forty-fourth Street, New York City.)

President—Wm. G. Choate. Vice-Pres.—Peter B. Olney. Rec. Secretary—S. B. Brownell.  
 Vice-Pres.—Adrian H. Joline. John M. Scribner. Cor. Secretary—B. Aymar Sands.  
 Hamilton Odell. James M. Varnum. Treasurer—S. Sidney Smith.

At the time of the last report of the Executive Committee there were 1,663 members of the Association. It was instituted in 1869, and its presidents have been as follows: 1870 to 1879, William M. Everts; 1880 and 1881, Stephen P. Nash; 1882 and 1883, Francis N. Bangs; 1884 and 1885, James C. Carter; 1886 and 1887, William Allen Butler; 1888 and 1889, Joseph H. Choate; 1890 and 1891, Frederic R. Couderc; 1892 to 1894, Wheeler H. Peckham; 1895 and 1896, Joseph Larocque; 1897 to 1899, James C. Carter; 1900 and 1901, John E. Parsons; 1902 and 1903, Wm. G. Choate. The admission fee is \$100, and the annual dues from resident members, \$50, and from members having offices in New York City and residing elsewhere, \$25; members neither residing nor having offices in New York City shall be exempt from the payment of annual dues.

**The Lawyers' Club.**—120 Broadway, New York City. President—Wm. Allen Butler. Jr. Secretary and Treasurer—George T. Wilson. Total membership, 1,750. Membership is not restricted to lawyers. There are no entrance fees, but the annual dues of resident members are \$100, and of non-resident members, \$50. Non-resident members who are public officials, \$25 per annum, and clergymen, whether resident or non-resident, the same. Resident membership limited to 1,250.

## Estimated Population of New York City AND ITS BOROUGHS, AS NOW CONSTITUTED, 1790 TO 1900. (UNITED STATES CENSUS REPORT.)

| Boroughs.         | 1900.     | 1890.     | 1880.     | 1870.     | 1860.     | 1850.   | 1840.   | 1830.   | 1820.   | 1810.   | 1800.  | 1790.  |
|-------------------|-----------|-----------|-----------|-----------|-----------|---------|---------|---------|---------|---------|--------|--------|
| New York City.... | 3,437,202 | 2,507,414 | 1,911,698 | 1,478,103 | 1,174,779 | 696,115 | 391,114 | 242,278 | 152,056 | 119,734 | 79,216 | 49,401 |
| Manhattan.....    | 1,850,093 | 1,441,218 | 1,164,673 | 942,292   | 813,669   | 515,547 | 312,710 | 202,559 | 123,706 | 96,373  | 60,515 | 33,131 |
| Bronx.....        | 200,507   | 88,908    | 51,930    | 37,393    | 33,593    | 8,032   | 5,346   | 3,023   | 2,782   | 2,267   | 1,755  | 1,781  |
| Brooklyn.....     | 1,166,582 | 838,647   | 594,495   | 419,921   | 279,122   | 138,882 | 47,613  | 20,835  | 11,187  | 8,303   | 6,740  | 4,485  |
| Richmond.....     | 67,021    | 51,693    | 39,911    | 33,029    | 25,492    | 15,061  | 10,965  | 7,062   | 6,135   | 5,347   | 4,564  | 3,835  |
| Queens.....       | 152,999   | 87,050    | 56,559    | 45,488    | 32,903    | 18,593  | 14,480  | 9,949   | 8,246   | 7,444   | 6,612  | 6,159  |

The preceding table shows that the area comprised within the present limits of the City of New York had an estimated population of 49,401 in 1790, which had grown to 696,115 in 1850, representing an increase of 646,714, or 1,309.1 per cent. The population of the present City of New York had grown to 2,507,414 in 1890, or an increase since 1850 of 1,811,299, or 260.2 per cent. Since 1890 there has been an increase of 929,788, or 37.1 per cent, the population in 1900 being 3,437,202.

## Federal Officers in New York City.

**CUSTOM-HOUSE.**—Wall, corner William Street. Collector.—Nevada A. Straanahan (\$12,000). Chief Clerk of Customs and Special Deputy Collector.—Joseph J. Couch (\$6,000).

Deputy Collectors.—Frank Raymond, John Quackenbush, James A. Cryan, John C. Williams, Charles A. King, H. L. Swords, and H. E. Esterbrook (\$3,000 each).

Cashier.—Jeremiah M. Wood (\$4,700), William Street, corner Exchange Place.

Acting Disbursing Agt.—S. W. Thompson (\$4,000). Auditor.—Josiah S. Knapp (\$4,000).

Solicitor to the Collector.—Francis E. Hamilton (\$6,000).

Naval Officer.—Robt. A. Sharkey (\$3,000), 22 Exchange Place.

Special Deputy Naval Officer.—H. W. Gourley (\$3,000).

Surveyor.—James S. Clarkson, (\$8,000), William, corner Wall Street.

Special Deputy Surveyor.—F. S. Cooke (\$4,000).

Deputy Surveyors.—John M. Bishop, W. H. H. Holton, Collin H. Woodward (\$2,500 each).

Appraiser.—George W. Whitehead (\$6,000), Christopher and Greenwich Streets.

Assistant Appraisers.—G. W. Wannmaker, G. H. Lufburrow, Warner Sherwood, Edwin O. Hartsborn, Lyman B. Carhart, Jos. P. Skillman, Alex. Hamill, Michael Nathan, Harvey T. Andrews, Thos. C. Worden (\$3,000 each).

**BOARD OF U. S. GENERAL APPRAISERS.**—641 Washington Street.

President, I. F. Fischer; H. M. Somerville, J. A. Jewell, T. S. Sharretts, W. F. Lunt, W. B. Howell, Marion D. Vries, Byron S. Waite (one vacancy) (\$7,000 each).

Clerk.—James R. Lake.

**SUB-TREASURY.**—Wall, corner Nassau Street.

Deputy Treasurer.—Conrad N. Jordan (\$8,000).

Assistant Treasurer and Cashier.—George W. Marlor (\$4,200).

Assistant Cashier.—Edward W. Hale (\$3,800).

Assistant Cashier.—Francis Kain (\$3,200).

**POST-OFFICE.**—B'way and Park Row. See Index

**Examiners.**—Forrest Raynor and C. A. Hanna (fees).

**U. S. ASSAY OFFICE.**—30 Wall Street.

Superintendent.—Andrew Mason (\$4,500).

Assayer.—Herbert G. Torrey (\$3,000).

Melter and Refiner.—Benjamin T. Martin (\$3,000).

**INTERNAL REVENUE OFFICERS.**

(Compensation of Collectors not to exceed \$4,500 a year for each district.)

Second District.—1st, 2d, 3d, 4th, 5th, 6th, 8th, 9th, 15th, and parts of the 14th and 16th Wards, Chas. H. Treat, Collector, 150 Nassau Street.

Third District.—7th, 10th, 11th, 12th, 13th, 17th, 18th, 19th, 20th, 21st, 22d, and parts of the 14th and 15th Wards, Blackwell's, Randall's, and Ward's Islands, Ferd. Eidman, Collector, 3d Avenue and 16th Street.

Fourth District, 7th Division.—From Harlem River north to city line, Borough of Bronx, J. Thomas Stearns, Deputy Collector, 534 Willis Avenue, Bronx.

Brooklyn Borough.—First District.—Embracing all of Long Island and Richmond Borough (Staten Island), Edward B. Jordan, Collector, Post-Office Building, Brooklyn Borough.

**PENSION AGENCY.**—65 Bleecker Street.

Pension Agent.—Michael Kerwin.

**COMMISSIONER OF IMMIGRATION.**—Ellis Island.

Commissioner.—William Williams (\$5,000).

Assistant Commissioner.—Joseph Murray (\$4,000).

**U. S. SHIPPING COMMISSIONER.**—Barge Office.

Commissioner.—Joseph M. Dickey (\$4,000).

Deputy.—Alfred J. Kenney (\$1,600).

**LAW COURTS.**—See Index.

**WEATHER BUREAU.**—100 Broadway.

Forecast Official.—Eben H. Emery.

**STEAM VESSELS' INSPECTORS.**—P. O. Bldg.

Supervising Inspector.—Robt. S. Roddie (\$3,000).

Local Inspectors.—Peter C. Petrie and Thomas H. Barrett (\$2,500 each).

**U. S. LIFE-SAVING STATIONS.**—17 State Street.

Inspector and Superintendent of Construction.—Capt. C. A. Abbey, of the U. S. R. C. S.

## Hack and Cab Fares in Manhattan Borough.

RATES REGULATED BY LAW.—The city ordinance regulating the rates which may be charged customers by cabbmen is as follows; distance is computed at twenty blocks to a mile north and south, and seven blocks to a mile east and west:

SEC. 434. The price or rates of fare to be asked or demanded by the owners or drivers of hackney coaches or cabs shall be as follows:

### Cabs.

1. For conveying one or more persons any distance, sums not exceeding the following amount: Fifty cents for the first mile or part thereof; and each additional half mile or part thereof, twenty-five cents. By distance, for "stops" of over five minutes and not exceeding fifteen minutes, twenty-five cents. For longer stops, the rate will be twenty-five cents for every fifteen minutes or fraction thereof, if more than five minutes. For a brief stop, not exceeding five minutes in a single trip, there will be no charge.

2. For the use of a cab, by the hour, with the privilege of going from place to place and stopping as often and as long as may be required, one dollar for the first hour or part thereof; and for each succeeding half-hour or part thereof, fifty cents, if agreed upon in advance, otherwise mileage rate will apply.

### Coaches.

3. For conveying one or more persons any distance, sums not exceeding the following amounts: One dollar for the first mile or part thereof; and each additional half-mile or part thereof, fifty cents. By distance, for "stops" of over five minutes and not exceeding fifteen minutes, forty cents. For longer stops, the rate will be forty cents for every fifteen minutes. For a brief stop, not exceeding five minutes in a single trip, there will be no charge.

4. For the use of a coach, by the hour, with the privilege of going from place to place and stopping as often and long as may be required, one dollar and fifty cents for the first hour or part thereof; and for each succeeding half-hour or part thereof, seventy-five cents, if agreed upon in advance.

5. No cab or coach shall be driven by the time rate at a place less than five miles an hour.

6. Line balls, two passengers, two dollars for first mile or part thereof; one dollar for each additional mile; fifty cents for each additional passenger.

7. Every owner or driver of any hackney coach or cab shall carry on his coach or cab one piece of baggage, not to exceed fifty pounds in weight, without extra charge; but for any additional baggage he may carry he shall be entitled to extra compensation at the rate of twenty-five cents per piece.

SEC. 436. All disputes as to prices or distance shall be settled by the Mayor's Marshal or the police.

SEC. 437. In all cases where the hiring of a hackney coach or a cab is not at the time thereof specified to be by the hour, it shall be deemed to be by the mile; and for any detention, exceeding fifteen minutes, when so working by the mile, the owner

or driver may demand at the rate of one dollar per hour.

SEC. 15. Every licensed hack shall be provided with a suitable lamp on each side, and shall have fastened across the middle of the outside of each lamp a metal band not less than two inches in width, bearing the official number of the license. Every licensed hack shall have the official number of the license legibly engraved or embossed upon a metal plate and affixed inside.

SEC. 16. Every licensed hackman, immediately after the termination of any hiring or employment, must carefully search such hack for any property lost or left therein, and any such property, unless sooner claimed or delivered to the owner, must be taken to the nearest police station and deposited with the officer in charge within twenty-four hours after the finding thereof; and in addition a written notice, with brief particulars and description of the property, must be forwarded at once to the Bureau of Licenses.

SEC. 17. Every licensed hackman shall have the right to demand payment of the legal fare in advance, and may refuse employment unless so prepaid, but no licensed hackman shall otherwise refuse or neglect to convey any orderly person or persons, upon request, anywhere in the city, unless previously engaged or unable so to do. No licensed hackman shall carry any other person than the passenger first employing a hack without the consent of said passenger.

The following table of distances is published by the Mayor's Marshal:

FROM SOUTH FERRY to Wall Street, one-half mile; to City Hall, one mile; to Canal Street, one and one-half miles; to Houston Street, two miles; to 4th Street, two and one-quarter miles; to 14th Street, two and three-quarter miles; to 24th Street, three and one-quarter miles; to 37th Street, four miles; to 42d Street, four and one-quarter miles; to 62d Street, five and one-quarter miles; to 82d Street, six and one-quarter miles; to 102d Street, seven and one-quarter miles; to 122d Street, eight miles.

EAST AND WEST, FROM BROADWAY to East River, across 14th Street, one mile; to East River, across 23d Street, one mile; to East River, across 34th Street, seven-eighths of a mile; to East River, across 42d Street, one mile; to East River, across 59th Street, one and one-quarter miles; to North River, across 14th Street, one and one-quarter miles; to North River, across 23d Street, one and one-eighth miles; to North River, across 34th Street, one and one-quarter miles; to North River, across 42d Street, one mile; to North River, across 59th Street, seven-eighths of a mile.

## Public Porters.

EVERY Public Porter must wear, in a conspicuous position, a badge bearing the number of his license, and is not entitled to receive any pay for services unless such a badge is worn, and if he shall demand a greater sum for his services than accords with the rates below, he shall not be entitled to any pay for the service.

Any Public Porter may decline to carry any article, if the distance he shall be required to go shall be more than two miles.

Public Porters shall be entitled to charge and receive for the carrying or conveyance of any article, any distance within half a mile, twenty-five cents if carried by hand, and fifty cents if carried on a wheelbarrow or hand-cart; if the distance exceeds half a mile and is within a mile, one-half of the above rates in addition thereto, and in the same proportion for any greater distance.

## Height of Prominent Points in Manhattan and Bronx Boroughs.

|                                               | Feet Above<br>Sea Level. |                                            | Feet Above<br>Sea Level. |
|-----------------------------------------------|--------------------------|--------------------------------------------|--------------------------|
| Battery.....                                  | 5                        | Reservoir, Central Park (water level)..... | 112                      |
| City Hall.....                                | 36                       | Morningside Park.....                      | 132                      |
| Fifth Avenue Hotel.....                       | 38                       | Broadway and 118th Street.....             | 135                      |
| Central Park Plaza, 59th St. and 6th Ave..... | 47.5                     | Kingsbridge Road and 175th Street.....     | 200                      |
| Mount Morris.....                             | 100                      | Washington Bridge Road and 184th St... ..  | 250                      |
| Central Park Circle.....                      | 76.5                     |                                            |                          |



## Exchanges and Boards of Trade in Manhattan Borough.

Brewers' Exchange, 109 and 111 E. 15th St.  
 Building Material Exchange of the City of New York, 11 Broadway.  
 Chamber of Commerce, 32 Nassau St.  
 Coal, 131 E. 53rd St.  
 Coal and Iron, 21 Cortlandt St.  
 Coffee Exchange, 113 to 117 Pearl St. and 66 Beaver St.  
 Consolidated Stock Exchange, 60 Broadway and 21 New St.  
 Cotton Exchange, Beaver and William Sts.  
 Fruit Exchange, 78 Park Place.  
 Furniture Exchange, Grand Central Palace, Lexington Ave. and 43d St.  
 Jewellers' Board of Trade, 54 Maiden Lane.  
 Maritime Exchange, 8 Beaver St.

Mechanics and Traders' Exchange, 1123 Broadway.  
 Merchant Tailors' Society, 241 Fifth Ave.  
 Metal Exchange, 234 Pearl St.  
 National Shoe and Leather Exchange, 320 Broadway.  
 N. Y. Board of Trade and Transportation, 203 Broadway.  
 New York Fire Insurance Exchange, 32 Nassau St.  
 N. Y. Furniture Board of Trade, 150 Canal St.  
 New York Mercantile Exchange, 6 Harrison St.  
 N. Y. Produce Exchange, Broadway & Beaver St.  
 N. Y. Stock Exchange, 10 Broad St. & 13 Wall St.  
 Real Estate Exchange, 111 Broadway.  
 Silk Association of America, 445 Broome St.  
 Stationers' Board of Trade, Bennett Building, 99 Nassau St.

## Army of the United States

STATIONED IN AND NEAR THE CITY OF NEW YORK.

Headquarters—Governor's Island, New York Harbor.

Commander—Major-General Adna R. Chaffee, Commanding.

Aides-de-Camp—Capt. F. Dew Ramsey, 9th Infantry; Capt. Julian R. Lindsey, 1st Cavalry, and Lieut. Roy B. Harper, 7th Cavalry.

### DEPARTMENT STAFF.

Adjutant-General—Col. T. H. Barry, A. A. G.  
 Inspector-General—Col. G. H. Burton, I. G.  
 Judge-Advocate—Col. E. Hunter, J. A.  
 Chief Quartermaster—Col. J. Simpson, A. Q. M. G.  
 Chief Commissary—Lieut.-Col. E. Dravo, D. C. G.  
 Chief Surgeon—Col. H. Lippincott, U. D. A. S. G.

Chief Paymaster—Lieut.-Col. F. S. Dodge, D. P. M. G.  
 Engineer Officer—Capt. W. V. Judson, C. E.  
 Ordnance Officer—Lieut.-Col. J. W. Reilly, O. D.  
 Artillery Inspector—Maj. G. F. E. Harrison, A. C.  
 Signal Officer—Col. H. H. C. Dunwoody.

Army Building, 39 Whitehall Street, Manhattan Borough, New York City: Quartermaster's Depot—Col. Chas. F. Humphrey, A. Q. M. G. Subsistence Depot—Major D. L. Brainard, Medical Depot—391 Washington Street, Manhattan Borough, New York City, Col. J. M. Brown, M. D. New York Arsenal—Governor's Island, Lieut.-Col. J. W. Reilly, O. D.

Posts in and near the City of New York, as garrisoned November 20, 1902:

| Posts.                     | Location.                    | Commanding Officers.                  | Troops.                                              |
|----------------------------|------------------------------|---------------------------------------|------------------------------------------------------|
| Fort Columbus.....         | Governor's Island.....       | { Col. W. E. Dougherty, 8th Infantry. | Headquarters and 4 co. 8th Infantry.                 |
| Fort Hamilton.....         | Narrows, Long Island.....    | { Col. G. B. Rodney, S. C.....        | { 5th Band, 1 battery field, 4 cos. Coast Artillery. |
| Fort Hancock.....          | Sandy Hook, N. J.....        | Lt.-Col. W. F. Stewart, A. C. 3       | cos. Coast Artillery.                                |
| Fort Schuyler.....         | Throg's Neck, N. Y.....      | Major M. Crawford, A. C. 1            | co. Coast Artillery.                                 |
| Fort Wadsworth.....        | Narrows, Staten Island.....  | { Lieut.-Col. G. G. Green-ough, A. C. | 5 cos. Coast Artillery.                              |
| Fort Wood.....             | Bedloe Island.....           | Capt. J. K. Miller, 8th Inf           | 1 co. 8th Infantry.                                  |
| Ft. Slocum, David's I..... | Near New Rochelle, N. Y..... | Col. A. C. Woodruff, A. C. 1          | co. Coast Artillery.                                 |
| Fort Totten.....           | Whitestone, N. Y.....        | Maj. Arthur Murray, A. C. 5           | cos. Coast Artillery.                                |
| Proving Ground.....        | Sandy Hook, N. J.....        | Lt. W. H. Tschappat, O. D.            | Ordnance Detachment.                                 |

## Population of the City of New York.

### CENSUS OF 1900.

| MANHATTAN BOROUGH. | Ass'y Dist. |                   | Ward.     |         | Ward.             |                 |         |
|--------------------|-------------|-------------------|-----------|---------|-------------------|-----------------|---------|
| Ass'y Dist.        | 25.....     | 36,800            | 4.....    | 12,568  | 29.....           | 27,188          |         |
| 1.....             | 25,859      | 56,882            | 5.....    | 18,862  | 30.....           | 24,700          |         |
| 2.....             | 52,768      | 36,984            | 6.....    | 42,485  | 31.....           | 14,009          |         |
| 3.....             | 47,275      | 46,123            | 7.....    | 40,471  | 32.....           | 8,243           |         |
| 4.....             | 76,852      | 51,674            | 8.....    | 52,414  |                   |                 |         |
| 5.....             | 37,951      | 58,728            | 9.....    | 42,576  | Total.....        | 1,166,582       |         |
| 6.....             | 64,286      | 78,013            | 10.....   | 39,100  |                   |                 |         |
| 7.....             | 41,979      | 80,379            | 11.....   | 22,608  | RICHMOND BOROUGH. |                 |         |
| 8.....             | 72,125      | 58,112            | 12.....   | 30,354  | 1.....            | 21,411          |         |
| 9.....             | 42,361      | 38,296            | 13.....   | 24,029  | 2.....            | 13,200          |         |
| 10.....            | 65,785      |                   | 14.....   | 31,483  | 3.....            | 13,701          |         |
| 11.....            | 41,247      | Total.....        | 1,850,093 | 15..... | 30,268            | 4.....          | 9,516   |
| 12.....            | 72,897      |                   |           | 16..... | 56,550            | 5.....          | 9,163   |
| 13.....            | 37,572      |                   |           | 17..... | 57,309            |                 |         |
| 14.....            | 54,847      | BRONX BOROUGH.    |           | 18..... | 25,133            | Total.....      | 67,021  |
| 15.....            | 38,911      | 34 (part of)..... | 53,027    | 19..... | 37,645            |                 |         |
| 16.....            | 73,834      | Annex.....        | 25,085    | 20..... | 25,446            | QUEENS BOROUGH. |         |
| 17.....            | 40,975      |                   |           | 21..... | 58,957            | 1.....          | 48,272  |
| 18.....            | 45,197      | Total.....        | 200,507   | 22..... | 66,575            | 2.....          | 40,903  |
| 19.....            | 65,025      |                   |           | 23..... | 61,813            | 3.....          | 25,870  |
| 20.....            | 42,596      | BROOKLYN BOROUGH. |           | 24..... | 31,767            | 4.....          | 30,761  |
| 21.....            | 89,050      | Ward.             |           | 25..... | 48,328            | 5.....          | 7,193   |
| 22.....            | 48,796      | 1.....            | 20,327    | 26..... | 66,086            | Total.....      | 152,999 |
| 23.....            | 78,585      | 2.....            | 8,565     | 27..... | 43,961            |                 |         |
| 24.....            | 51,209      | 3.....            | 17,949    | 28..... | 77,912            |                 |         |

Total, City of New York, 3,437,202.

## Help in Case of Accidents.

**Drowning.** 1. Loosen clothing, if any. 2. Empty lungs of water by laying body on its stomach, and lifting it by the middle so that the head hangs down. Jerk the body a few times. 3. Pull tongue forward, using handkerchief, or pin with string, if necessary. 4. Imitate motion of respiration by alternately compressing and expanding the lower ribs, about twenty times a minute. Alternately raising and lowering the arms from the sides up above the head will stimulate the action of the lungs. Let it be done gently but persistently. 5. Apply warmth and friction to extremities. 6. By holding tongue forward, closing the nostrils, and pressing the "Adam's apple" back (so as to close entrance to stomach), direct inflation may be tried. Take a deep breath and breathe it forcibly into the mouth of patient, compress the chest to expel the air, and repeat the operation. 7. DON'T GIVE UP! People have been saved after hours of patient, vigorous effort. 8. When breathing begins, get patient into a warm bed, give WARM drinks, or spirits in teaspoonfuls, fresh air, and quiet.

**Burns and Scalds.** Cover with cooking soda and lay wet cloths over it. Whites of eggs and olive oil. Olive oil or linseed oil, plain, or mixed with chalk or whiting. Sweet or olive oil and lime-water.

**Lightning.** Dash cold water over a person struck.

**Sunstroke.** Loosen clothing. Get patient into shade and apply ice-cold water to head. Keep head in elevated position.

**Mad Dog or Snake Bite.** Tie cord tight above wound. Suck the wound and cauterize with caustic or white-hot iron at once, or cut out adjoining parts with a sharp knife. Give stimulants, as whiskey, brandy, etc.

**Stings of Venomous Insects, etc.** Apply weak ammonia, oil, salt water, or iodine.

**Fainting.** Place flat on back; allow fresh air, and sprinkle with water. Place head lower than rest of body.

**Tests of Death.** Hold mirror to mouth. If living, moisture will gather. Push pin into flesh. If dead the hole will remain, if alive it will close up. Place fingers in front of a strong light. If alive, they will appear red; if dead, black or dark. If a person is dead decomposition is almost sure to set in after 72 hours have elapsed. If it does not, then there is room for investigation by the physician. Do not permit burial of dead until some certain indication of death is apparent.

**Cinders in the Eye.** Roll soft paper up like a lamplighter, and wet the tip to remove, or use a medicine dropper to draw it out. Rub the other eye.

**Fire in One's Clothing.** Don't run—especially not downstairs or out-of-doors. Roll on carpet, or wrap in woollen rug or blanket. Keep the head down, so as not to inhale flame.

**Fire from Kerosene.** Don't use water, it will spread the flames. Dirt, sand, or flour is the best extinguisher, or smother with woollen rug, table-cloth, or carpet.

**Smothering from Inhaling Illuminating Gas.** Get into the fresh air as soon as possible and lie down. Keep warm. Take ammonia—twenty drops to a tumbler of water, at frequent intervals; also, two to four drops tincture of nux vomica every hour or two for five or six hours.

## Antidotes for Poisons.

**First.** Send for a physician.

**Second.** INDUCE VOMITING, by tickling throat with feather or finger. Drink hot water or strong mustard and water. Swallow sweet oil or whites of eggs.

*Acids are antidotes for alkalis, and vice versa.*

### SPECIAL POISONS AND ANTIDOTES.

**Acids, muriatic, oxalic, acetic, sulphuric** (oil of vitriol), **nitric** (aqua-fortis). *Soap-suds, magnesia, lime-water.*

**Prussic acid.** *Ammonia in water. Dash water in face.*

**Carbolic acid.** *Flour and water, mucilaginous drinks.*

**Alkalis.** Such as potash, lye, hartshorn, ammonia. *Vinegar or lemon juice in water.*

**Arsenic, rat poison, paris green.** *Milk, raw eggs, sweet oil, lime-water, flour and water.*

**Bug poison, lead, saltpetre, corrosive sublimate, sugar of lead, blue vitriol.** *Whites of eggs or milk in large doses.*

**Chloroform, chloral, ether.** *Dash cold water on head and chest. Artificial respiration. Piece of ice in rectum. No chemical antidote.*

**Carbonate of soda, copperas, cobalt.** *Soap-suds and mucilaginous drinks.*

**Iodine, antimony, tartar emetic.** *Starch and water. Astringent infusions. Strong tea, tannin.*

**Mercury and its salts.** *Whites of eggs, milk, mucilages.*

**Nitrate of silver, lunar caustic.** *Salt and water.*

**Opium, morphine, laudanum, pargorie, soothing powders, or syrups.** *Strong coffee, hot bath. Keep awake and moving at any cost.*

**Strychnine, tincture of nux vomica.** *Mustard and water, sulphate of zinc. Absolute quiet. Plug the ears.*

## Rules in Case of Fire.

**CRAWL** on the floor. The clearest air is the lowest in the room. Cover head with woollen wrap, wet if possible. Cut holes for the eyes. *Don't get excited.*

**Ex-Chief Hugh Bonner**, of the New York Fire Department, gives the following rules applying to houses, flats, hotels, etc.:

Familiarize yourself with the location of hall windows and natural escapes. Learn the location of exits to roofs of adjoining buildings. Learn the position of all stairways, particularly the top landing and scuttle to the roof. Should you hear cry of "fire," and columns of smoke fill the rooms, above all KEEP COOL. Keep the doors of rooms shut. Open windows from the top. Wet a towel, stuff it in the mouth, breathe through it instead of nose, so as not to inhale smoke. Stand at window and get benefit of outside air. If room fills with smoke keep close to floor and crawl along by the wall to the window.

Do not jump unless the blaze behind is scorching you. Do not even then if the firemen with scaling ladders are coming up the building or are near. Never go to the roof, unless as a last resort and you know there is escape from it to adjoining buildings. In big buildings fire always goes to the top. Do not jump through flame within a building without first covering the head with a blanket or heavy clothing and gauging the distance. Don't get excited; try to recall the means of exit, and if any firemen are in sight DON'T JUMP.

If the doors of each apartment, especially in the lower part of the house, were closed every night before the occupants retired there would not be such a rapid spread of flames.

## Rod and Reel-Casting Records.

### FLY-CASTING.

- Switch Fly-Casting* (rod 11 feet long)—H. W. Hawes, 102 feet. Made at Central Park, N. Y., 1887.  
*Salmon Casting*—H. W. Hawes, 138 feet. Made at Central Park, N. Y., 1888.  
*Light Rod Casting* (rods not to exceed 5¼ ounces)—Peter Cooper Hewitt, 100 feet 5½ inches. Made at Madison Square Garden, 1887.  
*Fly-Casting for Black Bass*—R. C. Leonard, 101½ feet. Made at Madison Square Garden, 1897.  
*Light Rod Contest* (rod 5 ounces, out of doors)—Walter D. Mansfield, 129½ feet. Made at Golden Gate Park, San Francisco, Cal., 1901.  
*Single-Handed Fly-Casting* (out of doors, rod 11 feet long)—Walter D. Mansfield, 134 feet. Made at Snow Lake, Golden Gate Park, San Francisco, Cal., 1902.  
*Single-Handed Fly-Casting* (out of doors, rod 11 feet, 10⅞ ounces)—H. C. Golcher, 140 feet. Made at San Francisco Fly-Casting Club, 1902.  
 This record was made at a Club Tournament.

### WEIGHT-CASTING.

- Striped Bass Casting (Light)*—H. W. Hawes, 129 6-10 feet, average of five casts; sinker 1½ ounces. Made at Central Park, N. Y., 1884.  
*Striped Bass Casting (Heavy)*—John A. Roosevelt, 204 feet 3 inches, average of five casts in lane, 35 feet wide; rod 7 feet 5 inches; sinker 2½ ounces. Made at Central Park, N. Y., 1884.  
*Striped Bass Casting (Heavy)*—W. H. Wood, 250 feet, longest single cast without lane; rod 9 feet; sinker 2½ ounces. Made at Central Park, N. Y., 1885.  
*Minnow Casting for Black Bass*—E. C. Sturges, 140 feet 11 inches, average of five casts; sinker ¼ ounce. Made at Camp Lake, Wis., 1891.  
*Minnow Casting for Black Bass*—F. B. Davidson, 167 1-5 feet, average of five casts; sinker ½ ounce. Made at Chicago, Ill., 1894. Under these conditions Mr. Davidson made a single cast of 173 feet, and Mr. Sturges 148 feet.

### LINE CASTING WITH SOLID RUBBER FROG.

- C. R. Kenniff, with a percentage of 97 9-15. Made at San Francisco, Cal., 1902.  
 Team line casting, Chicago won against San Francisco, with 97 15-30 against 94.7. Made at San Francisco, 1902.  
 The "San Francisco Fly-Casting Club" rule is that the height of the platform over water must not exceed 18 inches for all casting.  
 The American records have been compiled by John A. Roosevelt, Poughkeepsie, N. Y.

### ENGLISH FLY AND BAIT-CASTING RECORDS.

- Salmon Fly-Casting, Amateur*—\*J. J. Hardy, 140 feet 3 inches (1895). \*John Enright, 147 feet (1896).  
*Salmon Fly-Casting, Scotch Professional*—J. Stevens, 126 feet.  
*Salmon Switch-Casting, Amateur*—C. M. P. Burns, 108 feet.  
*Trout Fly-Casting, Single-Handed Rod*—Mr. P. D. Mallock, 492 feet; Mr. R. B. Marston, Mr. Hyde Clark, tie, 474 feet; Mr. Reuben Wood (of Syracuse, N. Y.), 82 feet 6 inches.  
*Trout Fly-Casting, Two-Handed Rod*—John Enright, 111 feet.  
*Trout Fly-Casting, Ten-Foot Rod*—Edgar S. Shrubsole, 90 feet (1896).  
*Thames Bait-Casting, Amateur*—Mr. R. Gillson, 191 feet 11 inches.  
*Longest Cast, Heavy (3 ounces) Sinker*—Mr. Hobden, 216 feet.  
*Nottingham Bait-Casting, Amateur*—J. T. Emery, 2½ ounce lead, 214 feet (1896). J. T. Emery, 1¼ ounce lead, 204 feet 6 inches (1896).

\*Mr. Hardy's cast was made at a tournament with a rod of 18 feet. Mr. Enright's cast of 147 feet was made in a tournament, with a 20-foot salmon rod. Afterward with the same rod he made an exhibition cast, before reliable witnesses, of 151 feet 3 inches.

†This distance was made by measuring the line after casting.

‡This cast of Messrs. Marston and Clark is given in English reports as the best, but for some unknown reason Mr. Wood's cast of 82 feet 6 inches and Mr. George M. Kelson's cast of 81 feet have been entirely overlooked, although both are records at an international tournament.

§In Nottingham casting the cast is made from the reel, as is done in America.

¶In Thames casting the line is coiled at the feet of the caster.

## The National Florence Crittenton Mission.

*President*—Charles N. Crittenton, 21 Bleeker Street, New York City. *General Superintendent*—Kate Waller Barrett, M. D. *Secretary*—Mrs. Emma L. Robertson, Washington, D. C. *Treasurer*—F. B. Waterman, New York. This is an organization chartered by special act of the United States Government for the purpose of reaching and leading into better lives unfortunate girls and women. It consists of a chain of more than fifty homes, located in different cities, as well as one each in Japan and France, besides numerous circles, the members of which visit the haunts of sin and encourage the girls to forsake the evil life. About 80 per cent of those reached are permanently reformed. The first home was opened at 21 Bleeker Street, New York City, eighteen years ago, by Mr. Crittenton, the founder and president, and named for his little daughter, Florence. The headquarters of the Mission are at 218 Third Street, N. W., Washington, D. C.

## Street Directory.

## CROSS STREET CORNER NUMBERS ON BROADWAY AND FIFTH AVENUE, N. Y. CITY.

## BROADWAY.

|                  |                   |                  |                  |                 |                 |               |
|------------------|-------------------|------------------|------------------|-----------------|-----------------|---------------|
| 1 Battery Pl.    | 210 Fulton.       | 362 Franklin.    | 694 Fourth.      | 901 E. 20th.    | 1291 W. 33d.    | 1549 W. 46th. |
| 8 Beaver.        | 222 Ann.          | 378 White.       | 713 Wash'ton Pl. | 919 E. 21st.    | Sixth Avenue.   | 15'9 W. 47th. |
| 27 Morris.       | Vesey.            | 398 Walker.      | 727 Waverley Pl. | 939 E. 22d.     | 1311 W. 34th.   | 1589 W. 48th. |
| 55 Exchange Al.  | 227 Barclay.      | 413 Lispenard.   | 744 Astor Place. | 957 E. 23d.     | 1329 W. 35th.   | 1609 W. 49th. |
| 56 Exchange Pl.  | 237 Park Place.   | 416 Canal.       | 755 Eighth.      | 957 Fifth Ave.  | 1349 W. 36th.   | 1629 W. 50th. |
| 173 Rector.      | 247 Murray.       | 432 Howard.      | 770 E. 9th.      | Madison Square. | 1269 W. 37th.   | 1649 W. 51st. |
| 136 Wall.        | 259 Warren.       | 458 Grand.       | 784 E. 10th.     | 1099 W. 24th.   | 1391 W. 38th.   | 1665 W. 52d.  |
| 100 Pine.        | 271 Chambers.     | 486 Broome.      | 801 E. 11th.     | 1119 W. 25th.   | 1409 W. 39th.   | 1687 W. 53d.  |
| 413 Thomas.      | 287 Leslie.       | 526 Spring.      | 824 E. 12th.     | 1139 W. 26th.   | 1429 W. 40th.   | 1709 W. 54th. |
| 119 Cedar.       | 303 Duane.        | 566 Prince.      | 840 E. 13th.     | 1159 W. 27th.   | 1447 W. 41st.   | 1729 W. 55th. |
| 145 Liberty.     | 317 Thomas.       | 608 Houston.     | 858 E. 14th.     | 1183 W. 28th.   | 1467 W. 42d.    | 1749 W. 56th. |
| 171 Cortlandt.   | 318 Pearl.        | 640 Bleecker.    | Union Square.    | 1203 W. 29th.   | 1489 W. 43d.    | 1769 W. 57th. |
| 172 Maiden Lane. | 334 Worth.        | 658 Bond.        | 857 E. 11th.     | 1227 W. 30th.   | 1505 W. 44th.   | 1787 W. 58th. |
| 84 John.         | 344 Catharine La. | 681 W. 3d.       | 871 E. 18th.     | 1251 W. 31st.   | 1525 W. 45th.   | 1805 W. 59th. |
| 91 Dey.          | 348 Leonard.      | 682 Great Jones. | 887 E. 19th.     | 1273 W. 32d.    | Seventh Avenue. | Central Park. |

## FIFTH AVENUE.

|                |           |           |           |            |            |             |
|----------------|-----------|-----------|-----------|------------|------------|-------------|
| 1 Wash'ton Sq. | 185 23d.  | 439 39th. | 703 55th. | 889 70th.  | 1039 85th. | 1189 100th. |
| 7 Clinton Pl.  | Broadway. | 457 40th. | 719 56th. | 899 71st.  | 1049 86th. | 1199 101st. |
| 21 9th.        | 25th.     | 477 41st. | 737 57th. | 909 72d.   | 1059 87th. | 1209 102d.  |
| 33 10th.       | 216 26th. | 499 42d.  | 751 58th. | 919 73d.   | 1069 88th. | 1219 103d.  |
| 41 11th.       | 221 27th. | 511 43d.  | 769 59th. | 929 74th.  | 1079 89th. | 1229 104th. |
| 51 12th.       | 249 28th. | 529 44th. | 787 60th. | 939 75th.  | 1089 90th. | 1239 105th. |
| 61 13th.       | 263 29th. | 545 45th. | 799 61st. | 949 76th.  | 1099 91st. | 1249 106th. |
| 67 14th.       | 281 30th. | 561 46th. | 809 62d.  | 959 77th.  | 1109 92d.  | 1259 107th. |
| 96 15th.       | 299 31st. | 575 47th. | 817 63d.  | 969 78th.  | 1119 93d.  | 1269 108th. |
| 81 16th.       | 315 32d.  | 593 48th. | 829 64th. | 979 79th.  | 1129 94th. | 1279 109th. |
| 95 17th.       | 331 33d.  | 609 49th. | 839 65th. | 989 80th.  | 1139 95th. | 2002 124th. |
| 107 18th.      | 353 34th. | 623 50th. | 849 66th. | 993 81st.  | 1149 96th. | 2020 125th. |
| 115 19th.      | 371 35th. | 637 51st. | 856 67th. | 1009 82d.  | 1159 97th. | 2040 126th. |
| 133 20th.      | 387 36th. | 653 52d.  | 869 68th. | 1019 83d.  | 1169 98th. | 2056 127th. |
| 147 21st.      | 405 37th. | 671 53d.  | 879 69th. | 1029 84th. | 1179 99th. | 2076 128th. |
| 165 22d.       | 421 38th. | 685 54th. |           |            |            |             |

## THIRD AVENUE.

|                   |                  |                  |                   |                   |                    |                    |
|-------------------|------------------|------------------|-------------------|-------------------|--------------------|--------------------|
| 1 Seventh.        | 319 E. 24th.     | 657 E. 42d. (a)  | 1009 E. 60th.     | 1371 E. 75th.     | 1722 E. 96th.      | 2082 E. 114th.     |
| Astor Place.      | 337 E. 25th.     | 679 E. 43d.      | 1029 E. 61st.     | 1389 E. 79th.     | E. 97th.           | 2100 E. 115th.     |
| 19 St. Mark's Pl. | 355 E. 26th.     | 701 E. 44th.     | 1047 E. 62d.      | 1409 E. 80th.     | E. 98th.           | 2123 E. 116th. (a) |
| 28 E. 9th. (a)    | 373 E. 27th.     | 721 E. 45th.     | 1059 E. 63d. (a)  | 1433 E. 81st.     | 1781 E. 99th. (a)  | 2141 E. 117th.     |
| 45 E. 10th.       | 391 E. 28th. (a) | 739 E. 46th.     | 1083 E. 64th.     | 1451 E. 82d.      | 1800 E. 100th.     | 2161 E. 118th.     |
| 63 E. 11th.       | 411 E. 29th.     | 755 E. 47th. (a) | 1109 E. 65th.     | 1479 E. 83d.      | 1816 E. 101st.     | 2181 E. 119th.     |
| 83 E. 12th.       | 429 E. 30th.     | 773 E. 48th.     | 1129 E. 66th.     | 1487 E. 84th.     | 1843 E. 102d.      | 2199 E. 120th.     |
| 103 E. 13th.      | 449 E. 31st.     | 793 E. 49th.     | 1143 E. 67th. (a) | 1505 E. 85th. (a) | 1831 E. 103d.      | 2217 E. 121st.     |
| 123 E. 14th. (a)  | 447 E. 32d.      | 813 E. 50th.     | 1160 E. 68th.     | 1525 E. 86th.     | 1881 E. 104th.     | 2241 E. 122d.      |
| 145 E. 15th.      | 487 E. 33d.      | 835 E. 51st.     | 1185 E. 69th.     | 1545 E. 87th.     | 1897 E. 105th.     | 2261 E. 123d.      |
| 165 E. 16th.      | 505 E. 34th. (a) | 857 E. 52d.      | 1205 E. 70th.     | 1565 E. 88th.     | 1923 E. 106th. (a) | 2281 E. 124th.     |
| 185 E. 17th.      | 523 E. 35th.     | 875 E. 53d. (a)  | 1229 E. 71st.     | 1583 E. 89th. (a) | 1943 E. 107th.     | 2297 E. 125th. (a) |
| 203 E. 18th. (a)  | 541 E. 36th.     | 895 E. 54th.     | 1245 E. 72d.      | 1606 E. 90th.     | 1965 E. 108th.     | 2319 E. 126th.     |
| 223 E. 19th.      | 557 E. 37th.     | 913 E. 55th.     | 1265 E. 73d.      | 1627 E. 91st.     | 1981 E. 109th.     | 2339 E. 127th.     |
| 243 E. 20th.      | 577 E. 38th.     | 933 E. 56th.     | 1289 E. 74th.     | 1643 E. 92d.      | 2007 E. 110th.     | 2359 E. 128th.     |
| 261 E. 21st.      | 597 E. 39th.     | 951 E. 57th.     | 1309 E. 75th.     | 1657 E. 93d.      | 2023 E. 111th.     | 2375 E. 129th. (a) |
| 281 E. 22d.       | 617 E. 40th.     | 969 E. 58th.     | 1329 E. 76th. (a) | 1677 E. 94th.     | 2041 E. 112th.     | 2393 E. 130th.     |
| 299 E. 23d. (a)   | 635 E. 41st.     | 989 E. 59th. (a) | 1349 E. 77th.     | 1693 E. 95th.     | 2063 E. 113th.     | Harlem River.      |

(a) Elevated railway stations.

## LEXINGTON AVENUE.

|              |              |              |               |               |                |                |
|--------------|--------------|--------------|---------------|---------------|----------------|----------------|
| 1 E. 21st.   | 293 F. 37th. | 593 E. 52d.  | 901 E. 67th.  | 1209 E. 82d.  | E. 103d.       | 1920 E. 118th. |
| 9 E. 22d.    | 311 E. 38th. | 615 E. 53d.  | 921 E. 68th.  | 1221 E. 83d.  | E. 104th.      | E. 119th.      |
| 17 E. 23d.   | 331 E. 39th. | 635 E. 54th. | 941 E. 69th.  | 1241 E. 84th. | 1659 E. 106th. | E. 120th.      |
| 29 E. 24th.  | 353 E. 40th. | 655 E. 55th. | 961 E. 70th.  | 1249 E. 85th. | E. 105th.      | E. 121st.      |
| 59 E. 25th.  | 373 E. 41st. | 675 E. 56th. | 979 E. 71st.  | 1271 E. 86th. | 1695 E. 107th. | 2004 E. 122d.  |
| 77 E. 26th.  | 389 E. 42d.  | 695 E. 57th. | E. 72d.       | 1289 E. 87th. | 1719 E. 108th. | E. 123d.       |
| 97 E. 27th.  | 413 E. 43d.  | 721 E. 58th. | 1023 E. 73d.  | E. 88th.      | 1741 E. 109th. | E. 124th.      |
| 115 E. 28th. | 435 E. 44th. | 741 E. 59th. | 1031 E. 74th. | 1329 E. 89th. | E. 110th.      | 2056 E. 125th. |
| 135 E. 29th. | 449 E. 45th. | 751 E. 60th. | 1055 E. 75th. | 1348 E. 90th. | E. 111th.      | 2088 E. 126th. |
| 159 E. 30th. | 473 E. 46th. | 781 E. 61st. | 1077 E. 76th. | 1362 E. 91st. | 1751 E. 112th. | E. 127th.      |
| 177 E. 31st. | 491 E. 47th. | 801 E. 62d.  | 1099 E. 77th. | 1380 E. 92d.  | E. 113th.      | E. 128th.      |
| 197 E. 32d.  | 513 E. 48th. | 821 E. 63d.  | 1113 E. 78th. | 1423 E. 93d.  | 1840 E. 114th. | E. 129th.      |
| 217 E. 33d.  | 537 E. 49th. | 841 E. 64th. | E. 79th.      | 1447 E. 94th. | 1856 E. 115th. | 2168 E. 130th. |
| 237 E. 34th. | 555 E. 50th. | 861 E. 65th. | E. 80th.      | 1469 E. 94th. | E. 116th.      | E. 131st.      |
| 253 E. 35th. | 571 E. 51st. | 881 E. 66th. | E. 81st.      | 1613 E. 102d. | E. 117th.      | Harlem River.  |

## FOURTH AVENUE.

|                 |             |               |              |              |              |              |
|-----------------|-------------|---------------|--------------|--------------|--------------|--------------|
| 2 Bowery.       | Eighth.     | 111 E. 12th.  | 250 E. 20th. | 392 E. 24th. | 784 E. 27th. | 440 E. 30th. |
| Sixth.          | 55 E. 9th.  | 135 E. 13th.  | 266 E. 21st. | 342 E. 25th. | 402 E. 28th. | 440 E. 31st. |
| Seventh.        | 73 E. 10th. | 157 E. 14th.  | 286 E. 22d.  | 362 F. 26th. | 429 E. 29th. | 473 E. 32d.  |
| 37 Astor Place. | 91 E. 11th. | Union Square. | 312 E. 23d.  |              |              |              |

STREET DIRECTORY—Continued.

PARK AVENUE.

|              |               |               |               |                |                |                |
|--------------|---------------|---------------|---------------|----------------|----------------|----------------|
| 1 E. 34th.   | 875 E. 53d.   | 1155 E. 67th. | 1435 E. 81st. | 1715 E. 95th.  | 1995 E. 109th. | 2275 E. 133d.  |
| 18 E. 35th.  | 895 E. 54th.  | 1175 E. 68th. | 1455 E. 82d.  | 1735 E. 96th.  | 2015 E. 110th. | 2295 E. 134th. |
| 37 E. 36th.  | 913 E. 55th.  | 1195 E. 69th. | 1475 E. 83d.  | 1755 E. 97th.  | 2035 E. 111th. | 2305 E. 135th. |
| 47 E. 37th.  | 935 E. 56th.  | 1215 E. 70th. | 1495 E. 84th. | 1775 E. 98th.  | 2055 E. 112th. | 2324 E. 136th. |
| 65 E. 38th.  | 955 E. 57th.  | 1235 E. 71st. | 1515 E. 85th. | 1795 E. 99th.  | 2075 E. 113th. | 2342 E. 137th. |
| 79 E. 39th.  | 975 E. 58th.  | 1255 E. 72d.  | 1535 E. 86th. | 1815 E. 100th. | 2095 E. 114th. | 2360 E. 138th. |
| 93 E. 40th.  | 995 E. 59th.  | 1275 E. 73d.  | 1555 E. 87th. | 1835 E. 101st. | 2115 E. 115th. | 2382 E. 139th. |
| 115 E. 41st. | 1015 E. 60th. | 1295 E. 74th. | 1575 E. 88th. | 1855 E. 102d.  | 2135 E. 116th. | 2398 E. 140th. |
| 135 E. 42d.  | 1035 E. 61st. | 1315 E. 75th. | 1595 E. 89th. | 1875 E. 103d.  | 2155 E. 117th. | E. 131st.      |
| R. R. Yard.  | 1055 E. 62d.  | 1335 E. 76th. | 1615 E. 90th. | 1895 E. 104th. | 2175 E. 118th. | E. 132d.       |
| 175 E. 43rd. | 1075 E. 63d.  | 1355 E. 77th. | 1635 E. 91st. | 1915 E. 105th. | 2195 E. 119th. | 2460 E. 133d.  |
| 195 E. 49th. | 1095 E. 64th. | 1375 E. 78th. | 1655 E. 92d.  | 1935 E. 106th. | 2215 E. 120th. | E. 134th.      |
| 215 E. 50th. | 1115 E. 65th. | 1395 E. 79th. | 1675 E. 93d.  | 1955 E. 107th. | 2235 E. 121st. | E. 135th.      |
| 235 E. 51st. | 1135 E. 66th. | 1415 E. 80th. | 1695 E. 94th. | 1975 E. 108th. | 2255 E. 122d.  | Harlem River.  |
| 255 E. 52d.  |               |               |               |                |                |                |

MADISON AVENUE.

|              |              |              |               |                |                |                |
|--------------|--------------|--------------|---------------|----------------|----------------|----------------|
| 1 E. 32d.    | 295 E. 37th. | E. 51st.     | 750 E. 65th.  | 1029 E. 79th.  | 1688 E. 112th. | 1909 E. 126th. |
| 11 E. 24th.  | 244 E. 38th. | E. 52d.      | 770 E. 66th.  | 1047 E. 80th.  | 1709 E. 113th. | 1921 E. 127th. |
| 21 E. 25th.  | 262 E. 39th. | 510 E. 53d.  | 790 E. 67th.  | 1071 E. 81st.  | 1729 E. 114th. | 2013 E. 128th. |
| 37 E. 26th.  | 290 E. 40th. | 530 E. 54th. | 811 E. 68th.  | E. 82d.        | 1749 E. 115th. | 2029 E. 129th. |
| 60 E. 27th.  | 295 E. 41st. | 540 E. 55th. | 826 E. 69th.  | 1103 E. 83d.   | 1769 E. 116th. | 2049 E. 130th. |
| 78 E. 28th.  | 314 E. 42d.  | 570 E. 56th. | 846 E. 70th.  | 1121 E. 84th.  | 1789 E. 117th. | 2071 E. 131st. |
| 96 E. 29th.  | 330 E. 43d.  | 578 E. 57th. | E. 71st.      | 1549 E. 105th. | 1829 E. 119th. | 2099 E. 132d.  |
| 116 E. 30th. | 344 E. 44th. | 606 E. 58th. | E. 72d.       | 1569 E. 106th. | 1849 E. 120th. | 2119 E. 133d.  |
| 132 E. 31st. | 350 E. 45th. | 634 E. 59th. | E. 73d.       | 1589 E. 107th. | 1869 E. 121st. | 2149 E. 134th. |
| 150 E. 32d.  | E. 46th.     | 650 E. 60th. | 931 E. 74th.  | 1609 E. 108th. | 1889 E. 122d.  | E. 136th.      |
| 168 E. 33d.  | E. 47th.     | 670 E. 61st. | 951 E. 75th.  | 1629 E. 109th. | 1909 E. 123d.  | E. 137th.      |
| 184 E. 34th. | 412 E. 48th. | 686 E. 62d.  | 971 E. 76th.  | 1649 E. 110th. | 1929 E. 124th. | E. 138th.      |
| 198 E. 35th. | 430 E. 49th. | 708 E. 63d.  | E. 77th.      | 1669 E. 111th. | 1949 E. 125th. | Harlem River.  |
| 214 E. 36th. | 450 E. 50th. | 726 E. 64th. | 1009 E. 78th. |                |                |                |

SIXTH AVENUE.

|                    |                  |                  |                  |                 |                  |                   |
|--------------------|------------------|------------------|------------------|-----------------|------------------|-------------------|
| 1 Carmine.         | 112 W. 9th.      | 267 W. 17th.     | 427 W. 26th.     | B'way W. 35th.  | 771 W. 44th.     | 933 W. 53d.       |
| 9 Minetta Lane.    | 132 W. 10th.     | 287 W. 18th. (a) | 447 W. 27th.     | 609 W. 36th.    | 791 W. 45th.     | 951 W. 54th.      |
| 16 W. 3d.          | 139 Milligan Pl. | 303 W. 19th.     | 465 W. 28th. (a) | 631 W. 37th.    | 813 W. 46th.     | 971 W. 55th.      |
| 29 W. 4th.         | 149 W. 11th.     | 319 W. 20th.     | 483 W. 29th.     | 651 W. 38th.    | 829 W. 47th.     | 991 W. 56th.      |
| 37 Wash'ton Pl.    | 169 W. 12th.     | 337 W. 21st.     | 499 W. 30th.     | 677 W. 39th.    | 847 W. 48th.     | 1011 W. 57th.     |
| 75 Waverly Pl.     | 187 W. 13th.     | 355 W. 22d.      | 519 W. 31st.     | 697 W. 40th.    | 867 W. 49th.     | 1031 W. 58th.     |
| 94 Clinton Pl.(a)  | 207 W. 14th. (a) | 373 W. 23d. (a)  | 533 W. 32d.      | 717 W. 41st.    | 885 W. 50th. (a) | 1051 W. 59th. (a) |
| 105 Greenwich Ave. | 227 W. 15th.     | 389 W. 24th.     | B'way W. 33d.(a) | 735 W. 42d. (a) | 899 W. 51st.     | Central Park.     |
|                    | 251 W. 16th.     | 409 W. 25th.     | B'way W. 34th.   | 755 W. 43d.     | 917 W. 52d.      |                   |

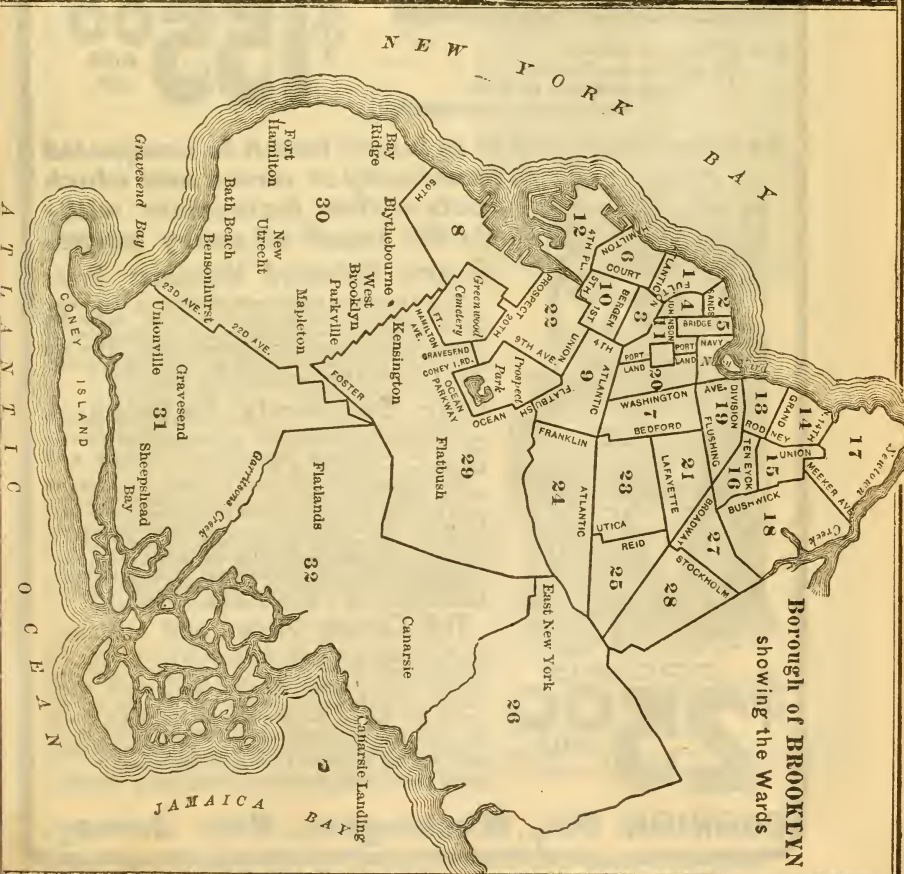
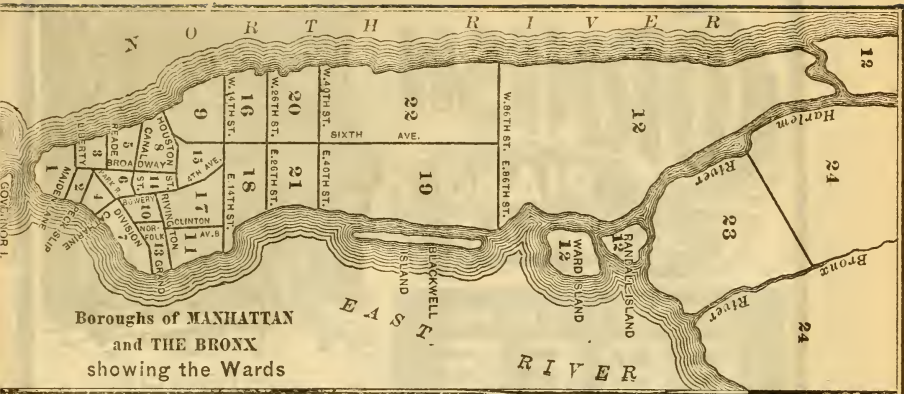
(a) Elevated railway stations.

Mayors of the City of New York.

BEFORE the Revolution, the Mayor was appointed by the Governor of the Province of New York; and from 1784 to 1820 he was appointed by the Appointing Board of the State of New York, of which the Governor was the chief member. From 1820 to the amendment of the Charter, in 1830, the Mayor was appointed by the Common Council

| MAYORS.                       | Terms.    | MAYORS.                       | Terms.    | MAYORS.                          | Terms.    |
|-------------------------------|-----------|-------------------------------|-----------|----------------------------------|-----------|
| 1 Thomas Willett.....         | 1665      | 32 Jacobus van Cortlandt.     | 1719-1720 | 63 Robert H. Morris.....         | 1841-1844 |
| 2 Thomas Delavall.....        | 1666      | 33 Robert Walters.....        | 1720-1725 | 64 James Harper.....             | 1844-1845 |
| 3 Thomas Willett.....         | 1667      | 34 Johanness Jansen.....      | 1725-1736 | 65 Wm. F. Havemeyer.....         | 1845-1846 |
| 4 Cornelis Steenwyck.....     | 1668-1670 | 35 Robert Lutting.....        | 1736-1735 | 66 Andrew H. Mickle.....         | 1846-1847 |
| 5 Thomas Delavall.....        | 1671      | 36 Paul Richard.....          | 1735-1739 | 67 William V. Brady.....         | 1847-1848 |
| 6 Matthias Nicolls.....       | 1672      | 37 John Cruger, Sr.....       | 1739-1744 | 68 Wm. F. Havemeyer.....         | 1848-1849 |
| 7 John Lawrence.....          | 1673      | 38 Stephen Bayard.....        | 1744-1747 | 69 Caleb S. Woodhull.....        | 1849-1851 |
| 8 William Dervall.....        | 1674      | 39 Edward Holland.....        | 1747-1757 | 70 Ambrose C. Kingsland.....     | 1851-1853 |
| 9 Nicholas de Meyer.....      | 1675      | 40 John Cruger, Jr.....       | 1757-1766 | 71 Jacob A. Westervelt.....      | 1853-1855 |
| 10 S. van Cortlandt.....      | 1677      | 41 Whitehead Hicks.....       | 1766-1776 | 72 Fernando Wood.....            | 1855-1858 |
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| 15 Gabriel Minville.....      | 1684      | 46 De Witt Clinton.....       | 1803-1807 | 77 John T. Hoffman.....          | 1866-1868 |
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| 17 S. van Cortlandt.....      | 1686-1687 | 48 De Witt Clinton.....       | 1808-1810 | 79 A. Oakey Hall.....            | 1869-1872 |
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| 22 Johannes de Peyster.....   | 1698-1699 | 53 Cadwallader D. Colden..... | 1818-1821 | 84 Edward Cooper.....            | 1879-1880 |
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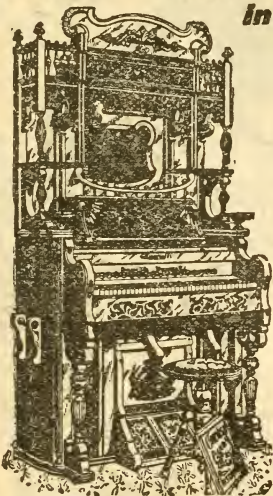
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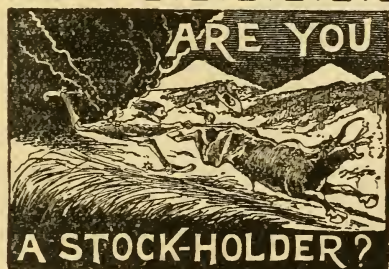
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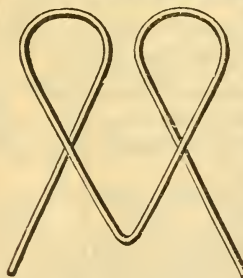
The simplest and cheapest made. Put up in boxes of 250. Price, 50 cents per thousand. Sample box, 15 cents.

Patented Aug. 10, 1897.

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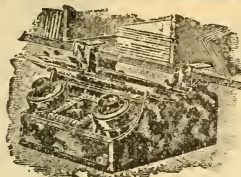


Better than pins for filing letters, records, cards, etc. Put up in boxes of 100. Price, \$1.35 per thousand. Sample box, 15 cents.



## The Giant "Niagara" Clip,

The newest thing out in a clip, is made to hold large quantities of papers without mutilation. Put up in boxes of 100 for desk convenience. Price, 25 cents.



PATENTED MAY 10, 1893.

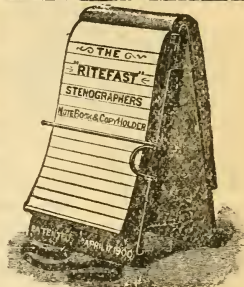
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It leaves the entire surface of the desk clear of bottles. Holds two kinds of ink. The ink cannot evaporate or gather dust. Never out of order. It is perfect in Inkwells. To see it is to buy it.

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By mail, postpaid, 10 cents extra.

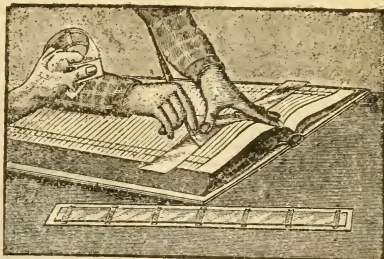


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The ruler has a perfectly straight ruling edge, cannot break or edge nick, and will lay flat on a rolling page of any book. Ink cannot run down and blot. Every bookkeeper should have one.



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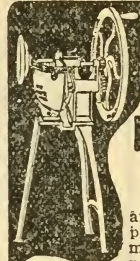
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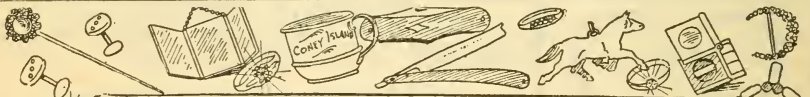
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Have you read of the wonderful cures made by the Internal Bath? Do you know that it goes to the root of all disease and eradicates the cause? Do you know that many of the greatest physicians of the world endorse and prescribe this treatment? Do you know that such eminent people as the following use the Internal Bath: U. S. Senator A. P. Gorman, Maryland; ex-Governor Goddell, Vermont; Admiral Tyrtoff, St. Petersburg, Russia; Col. A. O. Grainger, Girard Building, Philadelphia, Pa.; Gen. T. S. Peck, G. A. R.; Miles Devine, Chicago, Ill.; Marguerite Sylvia, and a host of others.

Were it possible to reproduce here our file of voluntary letters of commendation received from prominent people who do not ordinarily permit the use of their names in advertisements, no doubt could exist in one's mind as to the extraordinary merit of the "J. B. L. Cascade" treatment. As proof of what the Cascade treatment will do we call your attention to the following letter from Mr. H. A. Joyce, one of the prominent merchants of Cambridge, Md.

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Saves 25 to 50 per cent of fuel. Used with any kind of fuel. Cannot become clogged with soot.

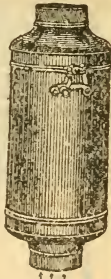
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THE GREAT  
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*Rheumatism, Gout, Lumbago, Neuralgia, Headache, Swollen Glands, Stiff Neck and all Rheumatic Pains.*

*Also Croup, Sore Throat, Croup, Sprains, Toothache, Bruises, Frost Bites, Pain in the Breast.*

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PRICE, - - \$1.00

# STILES' GALVANIC OIL.

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IMMEDIATE RELIEF AND POSITIVE CURE FOR

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Also Sprains, Bruises, and Burns.

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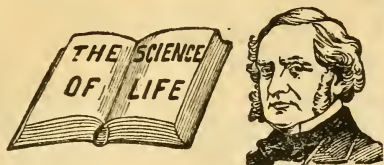
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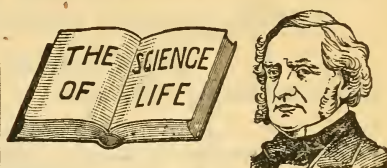
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☞ The Peabody Medical Institute has many imitators, but no equals.—*Boston Herald*.

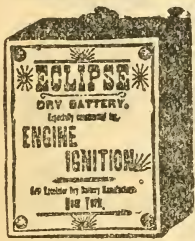
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They are small, cylindrical lamps or torches, and will be found extremely useful whenever a **strong, good light** is wanted immediately. The use of them eliminates the danger of fire.

### MATCHLESS ELECTRIC FLASHLIGHTS

are indispensable to farmers, watchmen, policemen, letter-carriers, gas and electric meter inspectors, engineers, machinists, plumbers, automobilists, physicians, dentists, nurses, and many others. Made in three sizes.

**PRICE from \$3.00 to \$5.00.**



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### Matchless Electric Cigar Lighters.

Always ready for use. The handiest article to light your cigar, cigarette, or pipe. Do away with matches; they are dangerous. Use

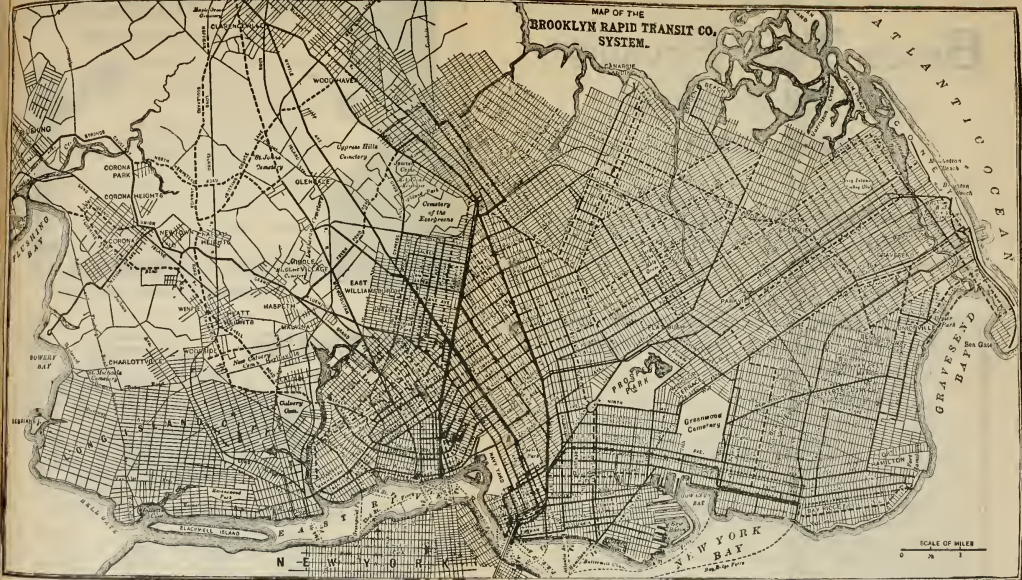
### Matchless Electric Cigar Lighters

instead. They are an artistic addition to your home. Made in twelve different types. Write for catalogue and prices.

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## About Your Outings.

Have you ever been at a loss as to where you or your family would spend Sunday or a holiday?

The MANHATTAN RAILWAY COMPANY, on the following page, gives a list of the various points of interest reached by its lines. Of the many places mentioned, beautiful Westchester County, with its charming scenery and places of amusement and interest, is the most desirable, and can be reached for the nominal fare of EIGHT CENTS.

To sum it up briefly, the Westchester resorts are refined, and for refined people, with the exorbitant charges for food and refreshments eliminated. You can ride from the Battery to Hastings-on-the-Hudson, a distance of over twenty miles, for EIGHT CENTS.

Take a trip on the next holiday or Sunday to any of the places mentioned on the next page, and you will certainly spend a most enjoyable day at a small cost.

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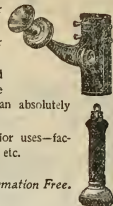
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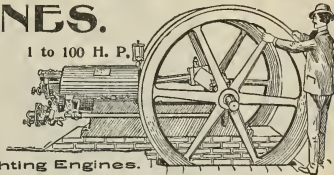
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## Fare, Including Transfer, 8 Cents.

### SIXTH AVENUE LINE.

STATIONS.

|                  |   |                                                                                                                           |
|------------------|---|---------------------------------------------------------------------------------------------------------------------------|
| Franklin St..... | { | West to Franklin, Desbrosses, Chambers, Barclay and Cortlandt St. Ferries, N. R.                                          |
|                  |   | East to Grand St., E. R.                                                                                                  |
| Grand St.....    | { | West to Desbrosses, Franklin, Barclay, Chambers and Cortlandt St. Ferries, N. R.                                          |
|                  |   | East to Grand, 10th and 23d St. Ferries, E. R.                                                                            |
| 42d St.....      | { | West to West Shore Ferry, N. R., and West to Broadway.                                                                    |
|                  |   | North to Fort Lee Ferry and via Amsterdam Ave. to Fort George. East to 42d St., E. R., and 34th St., E. R. (L. I. R. R.). |
| 53d St.....      | { | North to Broadway and Fort Lee Ferry, N. R., and Amsterdam Ave. to Fort George.                                           |
|                  |   | South on Broadway line to 42d St., connecting East and North Rivers.                                                      |
| 66th St.....     | { | Broadway line to Fort Lee, N. R., and Amsterdam Ave. to Fort George.                                                      |
|                  |   | South, Broadway line to 42d St., E. R., and 34th St., E. R. (L. I. R. R.).                                                |
| 125th St.....    | { | West to Fort Lee Ferry, N. R., North to Fort George.                                                                      |
|                  |   | East to 125th St. and 3d Ave. and E. R., and via St. Nicholas Ave. to 110th St., 3d Ave. and E. R.                        |
| 135th St.....    | { | East to 135th St. and 3d Ave. and Bronx District.                                                                         |
|                  |   | East to 161st St. and 177th St., 3d Ave. and Bronx District.                                                              |
| 155th S.....     | { | North, Jerome Ave. to Woodlawn.                                                                                           |
|                  |   |                                                                                                                           |

### NINTH AVENUE LINE.

|                    |   |                                                                                                    |
|--------------------|---|----------------------------------------------------------------------------------------------------|
| Cortlandt St.....  | { | West to Pennsylvania and Jersey Central Ferries, N. R.                                             |
|                    |   | West to Franklin and Desbrosses St. Ferries, N. R.                                                 |
| Franklin St.....   | { | East to Grand St. Ferry, E. R.                                                                     |
|                    |   | West to Desbrosses St. Ferry, N. R.                                                                |
| Desbrosses St..... | { | East to Grand, 10th and 23d St. Ferries, E. R.                                                     |
|                    |   | West to West Shore Ferry, N. R.                                                                    |
| 42d St.....        | { | North, 10th and Amsterdam Ave. to Fort George and Broadway line to Fort Lee Ferry, N. R.           |
|                    |   | East to 42d St., E. R., and 34th St., E. R. (L. I. R. R.).                                         |
| 66th St.....       | { | North, Broadway line to Fort Lee Ferry, N. R., and Amsterdam Ave. line to Fort George.             |
|                    |   | South, Broadway line to 42d St., E. R., and 34th St., E. R. (L. I. R. R.).                         |
| 125th St.....      | { | West to Fort Lee Ferry, N. R., North to Fort George.                                               |
|                    |   | East to 125th St. and 3d Ave. and E. R., and via St. Nicholas Ave. to 110th St., 3d Ave. and E. R. |
| 135th St.....      | { | East to 135th St. and 3d Ave. and Bronx District.                                                  |
|                    |   | East to 161st St. and 177th St., 3d Ave. and the Bronx District.                                   |
| 155th St.....      | { | North, Jerome Ave. to Woodlawn.                                                                    |
|                    |   |                                                                                                    |

### SECOND AVENUE LINE.

|                           |   |                                                                                                   |
|---------------------------|---|---------------------------------------------------------------------------------------------------|
| Chatham Square J'c't..... | { | East to Grand, 10th and 23d St. Ferries, E. R.                                                    |
|                           |   | West to Desbrosses, Franklin, Chambers, Barclay and Cortlandt St. Ferries, N. R.                  |
| Canal St.....             | { | East to Grand St. Ferry, E. R.                                                                    |
|                           |   | West to Desbrosses, Franklin, Chambers, Barclay and Cortlandt St. Ferries, N. R.                  |
| Grand St.....             | { | East to Grand, 10th and 23d St. Ferries, E. R.                                                    |
|                           |   | East to 14th St., E. R., and 10th and Grand St. Ferries, E. R.                                    |
| 14th St.....              | { | East to E. R. and 24th St. (L. I. R. R.) Ferry.                                                   |
|                           |   | West to West Shore Ferry, N. R.                                                                   |
| 42d St.....               | { | East to E. R. and 24th St. (L. I. R. R.) Ferry.                                                   |
|                           |   | West to West Shore Ferry, N. R.                                                                   |
| 111th St.....             | { | East via 110th St. to E. R. and West via 110th St. and St. Nicholas Ave. to Fort Lee Ferry, N. R. |
|                           |   |                                                                                                   |

### THIRD AVENUE LINE.

|                           |   |                                                                                     |
|---------------------------|---|-------------------------------------------------------------------------------------|
| Chatham Square J'c't..... | { | East to Grand, 10th and 23d St. Ferries, E. R.                                      |
|                           |   | West to Desbrosses, Franklin, Chambers, Barclay and Cortlandt St. Ferries, N. R.    |
| Canal St.....             | { | East to Grand St. Ferry, E. R.                                                      |
|                           |   | West to West Shore Ferry, N. R.                                                     |
| Grand St.....             | { | East to Grand St. Ferry, E. R.                                                      |
|                           |   | East to 42d St., E. R., and 34th St. (L. I. R. R.) Ferry.                           |
| 42d St.....               | { | East to 42d St., E. R., and 34th St. (L. I. R. R.) Ferry.                           |
|                           |   | Via 110th St., St. Nicholas Ave. to Fort Lee Ferry, N. R., East to 110th St., E. R. |
| 105th St.....             | { | West to Fort Lee Ferry and Fort George and East to E. R.                            |
|                           |   | East to Unionport and Bronx District.                                               |
| 125th St.....             | { | West to 135th St. and 8th Ave. and East to Port Morris and Bronx District.          |
|                           |   | East to Southern Boulevard and Bronx District.                                      |
| 133d St.....              | { | West via Melrose Ave. and 161st St. to High Bridge.                                 |
|                           |   | West to Jerome Ave. to High Bridge.                                                 |
| 138th St.....             | { | East to Unionport, Westchester and Bronx District.                                  |
|                           |   | West to Jerome Ave., East to Unionport, Westchester and Bronx District.             |
| 149th St.....             | { | West to Jerome Ave., East to Unionport, Westchester and Bronx District.             |
|                           |   | North to Bedford Park, Williamsbridge, Mt. Vernon, etc.                             |
| 161st St.....             | { | North to Bedford Park, Williamsbridge, Mt. Vernon, etc.                             |
|                           |   |                                                                                     |
| 177th St.....             | { | North to Bedford Park, Williamsbridge, Mt. Vernon, etc.                             |
|                           |   |                                                                                     |
| Pelham Ave.....           | { | North to Bedford Park, Williamsbridge, Mt. Vernon, etc.                             |
|                           |   |                                                                                     |

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These symptoms increase until the bronchial tubes and lungs are reached. Then the patient Takes cold easily, Raises frothy matter, Voice grows hoarse and husky, Feels stuffed up inside, Feels weak and easily tired, Cough increases, Pain in the lung appears. All these symptoms grow worse till at length spitting of blood and death comes on.

## CATARRH OF THE STOMACH.

In some cases Catarrh, instead of entering the lungs, drops down into the stomach. The poisonous matter coats the lining of the stomach and prevents digestion. The food sours and ferments. This produces symptoms so like dyspepsia that the doctors usually treat it for that with pepsin, sodas, etc. The result, of course, is failure. Catarrh of the Stomach can be cured in only one way—by removing the cause—the Catarrh germs and the thick, slimy mucus that coat the stomach. If this is not done in time, the germs will cause great Ulcers in the Stomach, producing intense pain, and making life unbearable. Some early symptoms of Catarrh of the Stomach are: Variable appetite, Belching up of gas, Heavy feeling after eating, Nausea, Drowsiness after meals, Rumbling of the bowels, Palpitation of the heart, Bad taste in the mouth, Gnawing sensation in the stomach, Pains, etc.

## CATARRH OF THE LIVER.

Catarrh frequently attacks and coats the liver. This great organ provides the Bile, which is Nature's Purgative. It is the only purgative that always acts, from which there is no ill effect. No pills can ever take its place. A liver clogged with Catarrh cannot pour out this juice. Chronic Constipation is the result. Pills and purgatives only make matters worse. Catarrh of the Liver produces Chronic Constipation; Yellowish,

muddy skin; Pimples, Sick headaches, Lack of energy, Poor circulation, Low spirits, Bloating after eating, Sleepy feelings in the day, Disinclination to work, etc.

## THE KIDNEYS

drain out the liquid waste matter from the blood. Catarrh in the kidneys prevents this filtering process. Poisons are left within to irritate and injure the tissues of the body. This causes Heavy feeling in the legs, Weakness or pain in the small of the back, Changes in the urine, Variable appetite, Depression of spirits, Blurred sight, Specks before the eyes, etc. Catarrh of the kidneys, if neglected, runs into the dreaded Bright's Disease.

## MANY OTHER DISEASES

are caused by Catarrh working its way into different parts of the body—Deafness, Heart trouble, General Weakness, Nervous Debility, etc. I have fully explained it all in my "Book on Catarrh: Its Dangers, Its Origin, Its Cure." You can find out for yourself just what your trouble is.

I will gladly send this book FREE to any one suffering from any form of Catarrh. My one aim in life is to do the greatest good to the greatest number; to eradicate this curse of Catarrh from the American continent. If you have Catarrh in any form, do not delay. Do not wait until your case is incurable.

Write to me and send me all your symptoms. Answer those I have given above. Send me any others that you have. I will diagnose your case Absolutely Free. I will tell you just what treatment you ought to have. My opinion will cost you nothing. If your case has gone too far I will refuse to take it. I never accept money where I cannot do good. But I have cured hundreds of cases where all other doctors and remedies had been tried in vain. While other physicians were neglecting Catarrh as unimportant, and letting it spread throughout the land, I was studying its nature and cure. Now when other physicians say Catarrh is incurable, I point to my long list of cured patients. If you have failed with all others, write to me before you give up.

Such cases arouse my greatest interest and my deepest sympathy. For seventeen years I have been curing Catarrh in the Head, Nose, Throat, Ears, Chest, Lungs, Stomach, Liver, Bowels, Kidneys, and in all parts of the body. I now treat Catarrh almost exclusively. My method is scientific and constitutional. My cures are quick, but they are always permanent.

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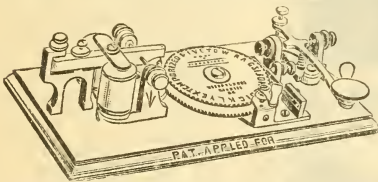


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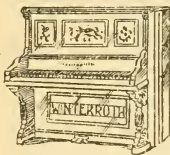
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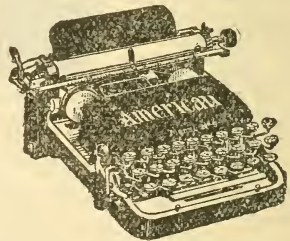


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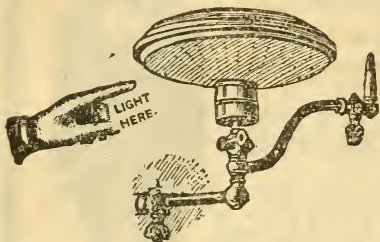
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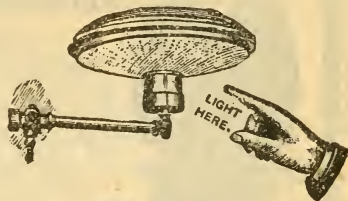
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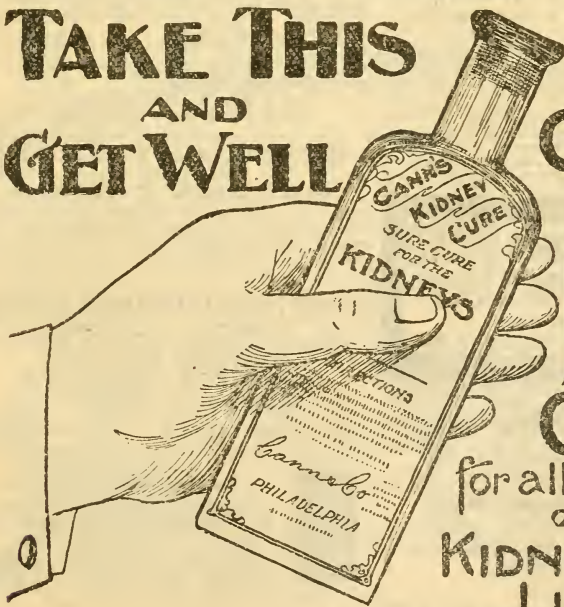
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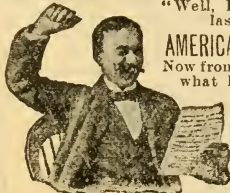


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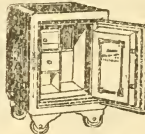
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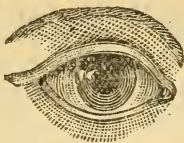
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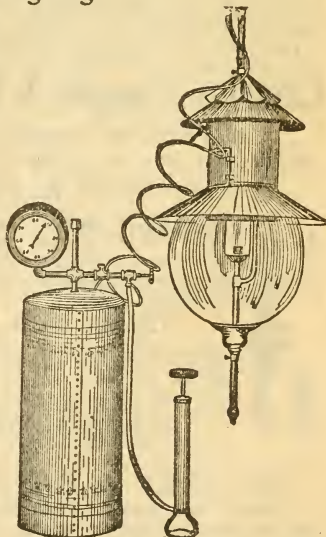
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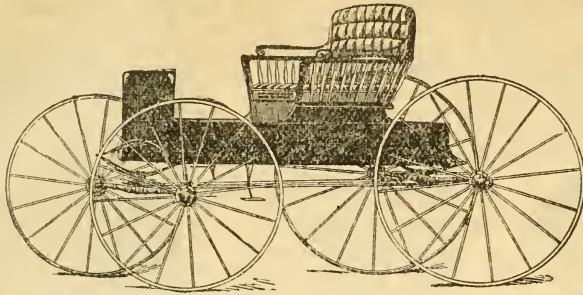
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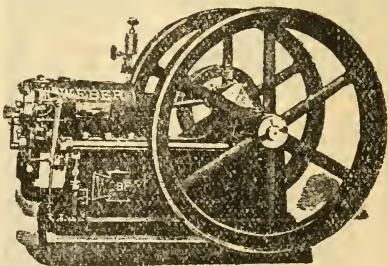
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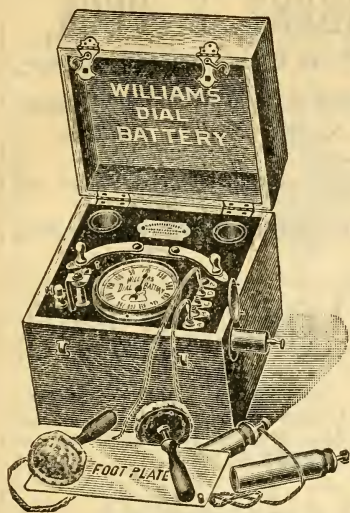
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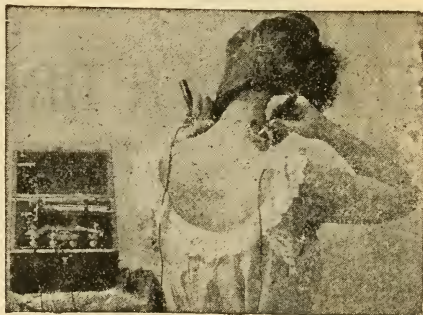
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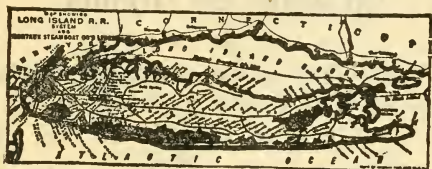
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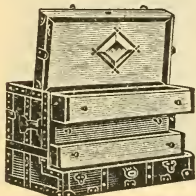
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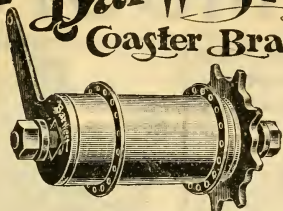
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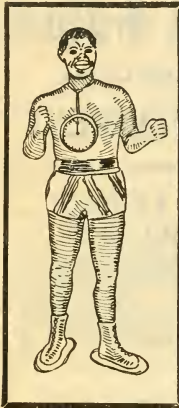
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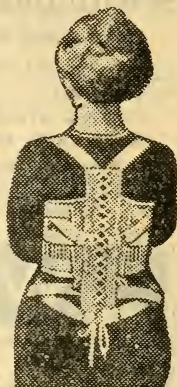
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The adverse criticism of 1890 does not hold good now. A revolution has taken place in ten years from the over-ornate to the attractive and restful in typography. America has not been behind in this regard. The Jenson type is, perhaps, the best-known illustration. Between Nicholas Jenson and the American Type Founders' Company stretch nearly 450 years. It was in 1453 that Jenson, an engraver of the Paris mint, was sent to Mainz by Charles VII., King of France, to learn the new art of printing. He studied for three years, and returned to Paris. In 1471 Jenson printed four books in Venice. He remained in that romantic city to the end of his life, in 1481. It is said that he was not the first printer to make Roman types, but that he made them better than did his rivals.

In honor of this old typemaker the Jenson type of to-day is named. Like the French pioneer of the craft, the American type founders excel in their time in making the best faced type. On reflection, however, it seems strange that this handsome Roman letter, used in Venice in the Fifteenth Century, reached in the highest degree the necessary qualities of legibility and purity of line, and that the Twentieth Century can do no better than borrow its beauties for to-day's readers.

From the inception of printing from movable types, the masters who have handed down the honorable calling have taken pride in their work like all true artists. Pierre-Simon Fournier, in his *Manual Typographique*, wrote:

"Type-founding is not like other arts, in which imperfect workmanship may find a use proportionate to its relative value. Printing should tolerate nothing that is bad, nor even that which is mediocre, since it costs as much to found and print bad types as it does to found and print perfect ones."

It is safe to say that the time will never come when the handicraft of the type-founder will be a lost art. The demand for the artistic in type, as well as in the other finer fancies of the age, is growing, and is being met by "the founders," by which appellation the printers of the entire country designate the American Type Founders' Company, embracing the best-known and oldest-established concerns of a dozen cities.

This Company is the originator of all the leading type designs, and has unequalled facilities for supplying everything required in printing offices. It has lately issued very attractive specimen books, which cover the widest range in type faces in both plain and original designs. Among the new faces are the Jenson Condensed, the Abbott, the Tiffany Text, Engravers' Italic, and Arlington Italic.

Additional specimen sheets are constantly being issued from the office, corner of Rose and Duane Streets, New York City, showing the new faces as soon as they are brought out for the public verdict.

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A reporter recently talked with Professor Adkin and was asked to invite all readers of this paper who are sick, or who are worried by the ills of those dear to them, to write to him for assistance. "Some people have declared," said Professor Adkin, "that my powers are of God; they call me a Divine Healer—a man of mysterious powers. This is not so. I cure because I understand nature—because I use a subtle force of nature to build up the system and restore health. But at the same time I believe that the Creator would not have given me the opportunity to make the discoveries I have made, nor the ability to develop them, if He had not intended that I should use them for the good of humanity. I therefore feel that it is my duty to give the benefit of the science I practise to all who are suffering. I want you to tell your readers that they can write to me in the strictest confidence if they are troubled with any kind of disease, and I will thoroughly diagnose their cases absolutely free of charge, and explain by a simple guaranteed home treatment how a complete cure should be effected. I care not how serious their cases, nor how hopeless they may seem; I want them to write to me and let me make them well. I feel that this is my life's work."

So great is the sensation wrought in the medical world by the wonderful cures performed by Professor Adkin that several professional gentlemen were asked to investigate the cures. Among the gentlemen were Dr. L. B. Hawley and Dr. L. G. Doane, both famous physicians and surgeons. After a thorough and painstaking investigation, these eminent physicians were so astounded at the far-reaching powers of Professor Adkin, and the wonderful efficacy of Vitaopathy, that they volunteered to forsake all other ties in life and all other kinds of treatment, and devote themselves to assisting Professor Adkin in his great work for humanity. With the discovery of the Adkin Vitaopathic treatment, eminent physicians are generally agreed that the treatment of disease has at last been reduced to an exact science.

In all, some 8,000 men and women have been cured by the powers of Professor Adkin. Some were blind, some were lame, some were deaf, some were paralytics scarcely able to move, so great was their infirmity. Others were afflicted with Bright's disease, heart disease, consumption, and other so-called incurable diseases. Some were sufferers from kidney trouble,

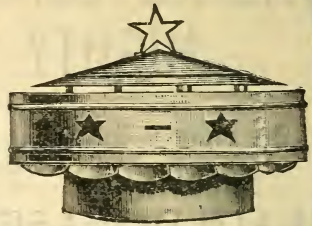
dyspepsia, nervous debility, insomnia, neuralgia, constipation, rheumatism, female troubles, and other similar ills. Some were men and women addicted to drunkenness, morphine, and other evil habits. In all cases Professor Adkin treats he guarantees a cure. Even those on the brink of the grave, with all hope of recovery gone, and despaired of by doctors and friends alike, have been restored to perfect health by the force of Vitaopathy and Professor Adkin's marvellous skill. And, remarkable as it may seem, distance has made no difference. Those living far away have been cured in the privacy of their own homes, as well as those who have been treated in person. Professor Adkin asserts that he can cure any one at any distance as well as though he stood before them.

Not long ago John Adams, of Blakesbury, Iowa, who had been lame for 20 years, was permanently cured by Professor Adkin without an operation of any kind. About the same time the city of Rochester, N. Y., was startled by the cure of one of its oldest residents, Mr. P. A. Wright, who had been partly blind for a long period. John E. Neff, of Millersburg, Pa., who had suffered for years from a cataract over his left eye, was speedily restored to perfect sight without an operation. From Logansport, Ind., comes the news of the recovery of Mrs. Mary Eicher, who had been practically deaf for a year; while in Warren, Pa., Mr. G. W. Savage, a noted photographer and artist, who was not only partially blind and deaf, but at death's door from a complication of diseases, was restored to perfect health and strength by Professor Adkin.

Vitaopathy cures not one disease alone, but it cures all diseases when used in combination with the proper remedies. If you are sick, no matter what your disease nor who says you cannot be cured, write to Professor Adkin to-day; tell him the leading symptoms of your complaint, how long you have been suffering, and he will at once diagnose your case, tell you the exact disease from which you are suffering, and prescribe the treatment that will positively cure you. This costs you absolutely nothing. Professor Adkin will also send you a copy of his marvellous new book, entitled, "How to Be Cured and How to Cure Others." This book tells you exactly how Professor Adkin will cure you. It fully and completely describes the nature of this wonderful treatment. It also explains to you how you yourself may possess this great healing power and cure the sick around you.

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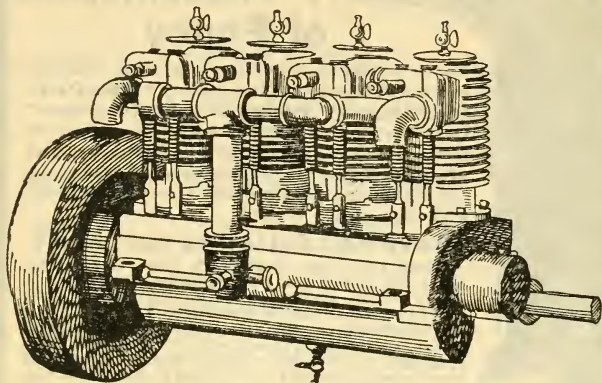
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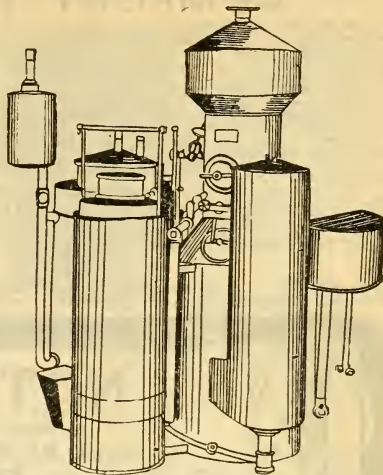
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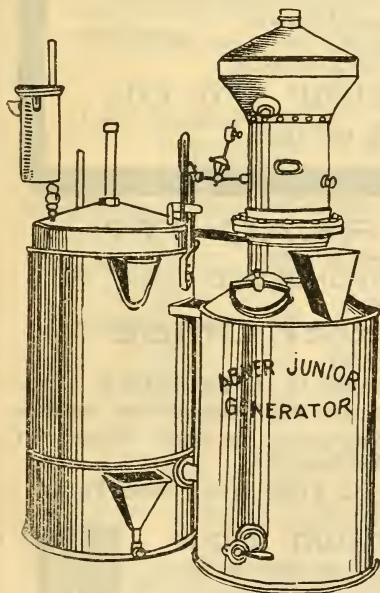
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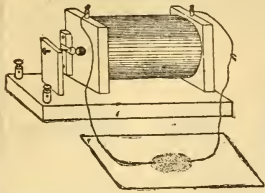


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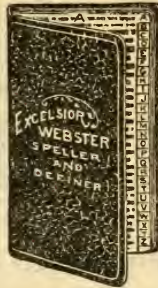
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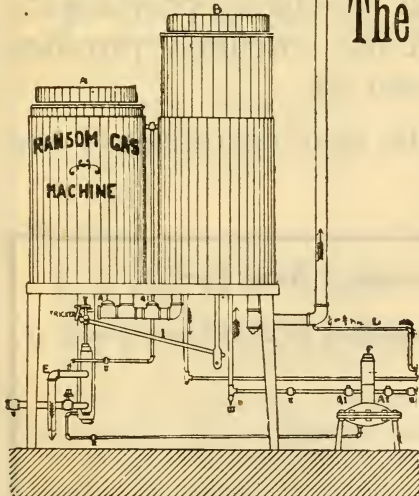
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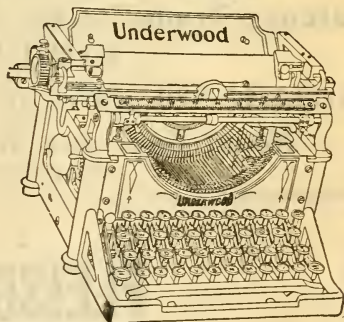
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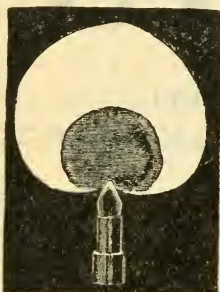
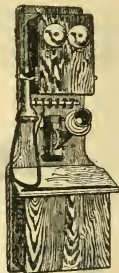
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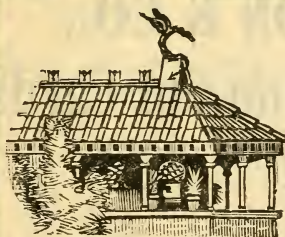
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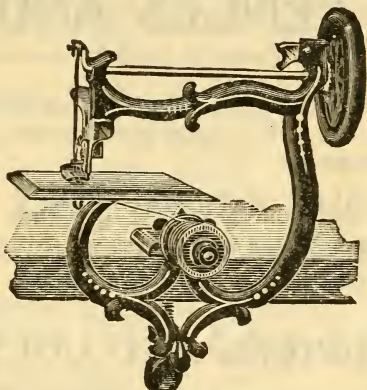
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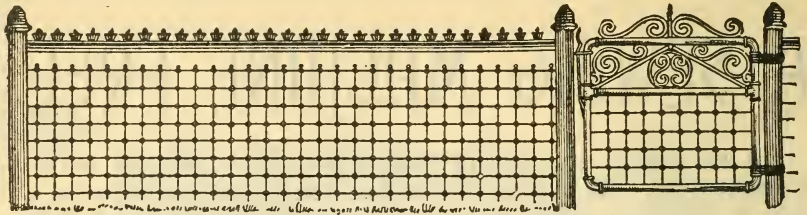
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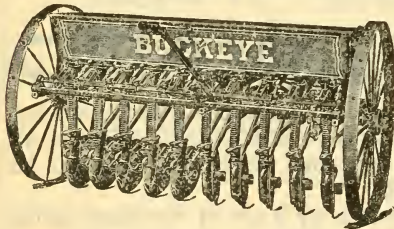
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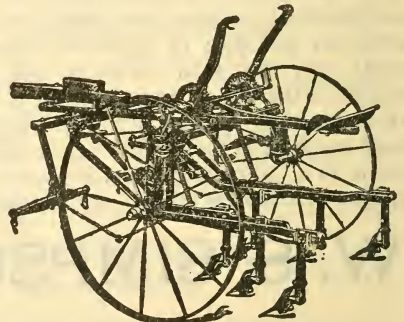


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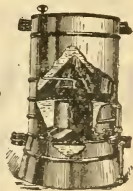
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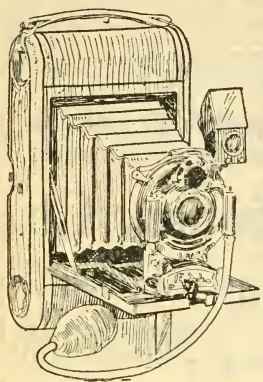
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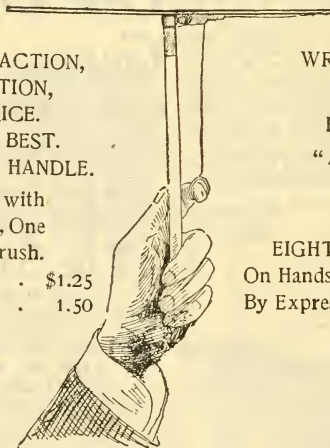
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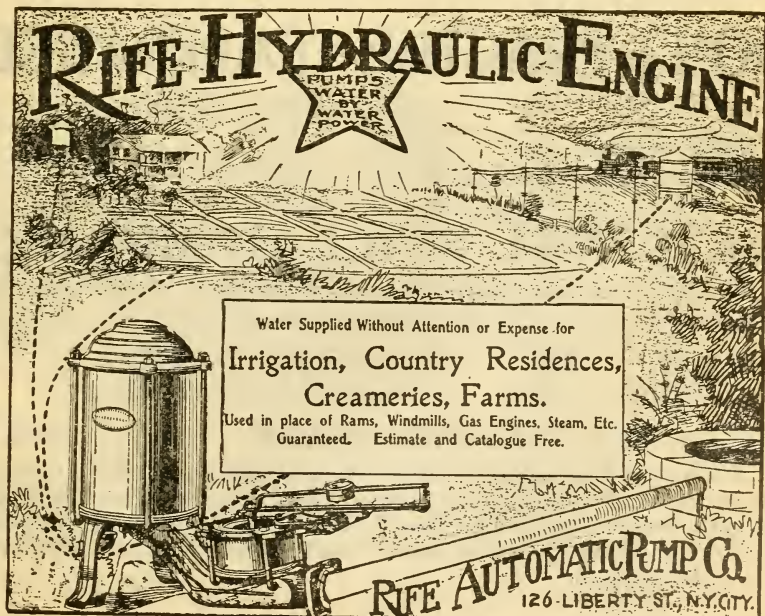
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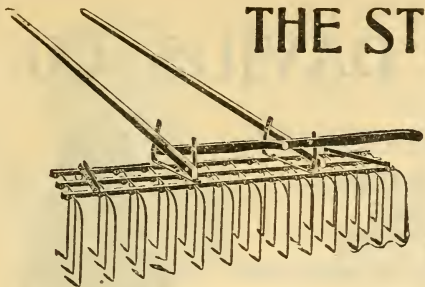
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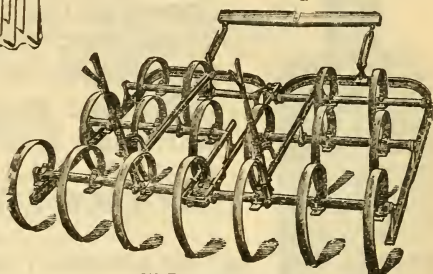
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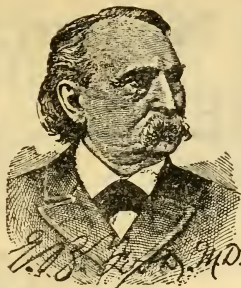
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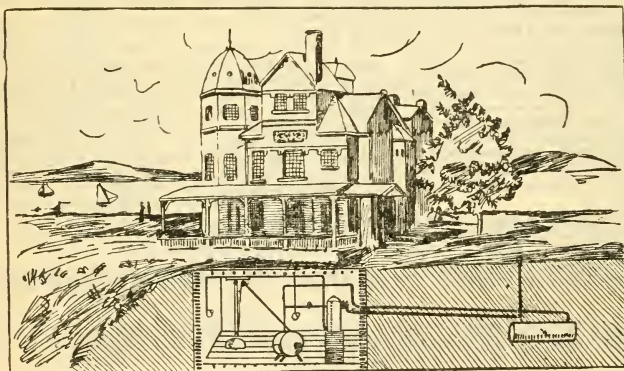
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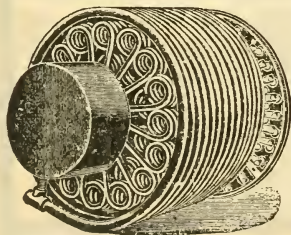
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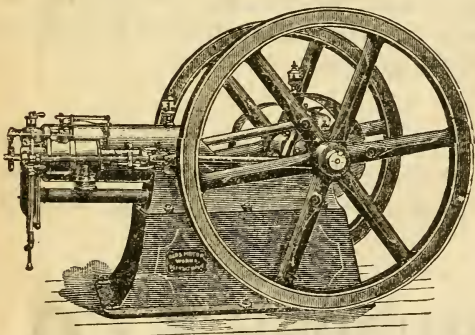
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